

### DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA MINISTRY OF TRANSPORT, HIGHWAYS, PORTS AND CIVIL AVIATION DEPARTMENT OF SRI LANKA RAILWAYS

### CONSTRUCTION OF ISLAND PLATFORM AND PASSENGER OVERHEAD BRIDGE AT ABANPOLA

**CONTRACT NO: SRS/F.8157** 

### BIDDING DOCUMENT

**Volume I and Volume II** 

Employer:

General Manager, Sri Lanka Railways, P.O. Box 355, Colombo 10. **Engineer:** 

Chief Engineer (Way & Works), Chief Engineer's Office, Sri Lanka Railways, No. 01, D.R. Wijewardane Mawatha, Colombo 10.

September 2025

### CONSTRUCTION OF ISLAND PLATFORM AND PASSENGER OVERHEAD **BRIDGE AT ABANPOLA**

### **BIDDING DOCUMENT**

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INVITATION FOR BIDS (IFB) ATION.

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INFORMATION

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

### MINISTRY OF TRANSPORT, HIGHWAYS, PORTS AND CIVIL AVIATION DEPARTMENT OF SRI LANKA RAILWAYS

### CONSTRUCTION OF ISLAND PLATFORM AND PASSENGER OVERHEAD BRIDGE AT ABANPOLA RAILWAY STATION

### **CONTRACT NUMBER: SRS/F.8157**

1. The Chairman, Department Procurement Committee (Major), on behalf of the General Manager Railways, Sri Lanka Railways, now invites sealed bids from eligible and qualified bidders for the Construction of an Island Platform and Passenger Overhead Bridge at Abanpola Railway Station, as described below and estimated to cost approximately 43 million (excluding VAT) Sri Lankan Rupees.

The project involves the construction of an Island Platform approximately 820 feet in length, and a Passenger Overhead Bridge at Abanpola Railway Station. The scope of work includes earth excavation, concrete work, formwork, reinforcement, masonary work, transporting PSC beams, laying precast concrete panels, hand railing work, plastering, and painting work.

Special attention must be given to the construction method of the island platform walls, which are to be constructed using rail uprights as shown in the drawings. The required rail pieces will be supplied free of charge at the site by Sri Lanka Railways.

- 2. The Construction period is **180** days.
- 3. Bidding will be conducted through National Competitive Bidding Procedure.
- 4. To be eligible for the contract award, the successful bidder shall not have been blacklisted and shall meet the following requirements:
  - Registered with the Construction Industry Development Authority (CIDA) for Building Construction **Grade C6 or above**.
  - The Bidder should possess a valid certificate issued by the Register of Public Contract in accordance with the Public Contracts Act No 3 of 1987.
- 5. Qualification requirements to qualify for contract award include:
  - Successful completion of at least one construction project of a nature and complexity within a proportionate time period as a main contractor during last 5 years.
- 6. Interested bidders may obtain further information from The Chief Engineer (Way & Works), Chief Engineer's (Way & Works) Office, Sri Lanka Railways, No. 01, D.R.Wijewardane Mawatha, Colombo 10, Tel No. 0112 693 725 and inspect the bidding documents at the address given below on working days from 09.00 hrs to 15.00 hrs from 26.09.2025 to 16.10.2025.

Deputy General Manager (Procurement), Procurement Sub Department, Sri Lanka Railways, Olcott Mawatha,

Colombo 10, Sri Lanka.

Telephone Nos. : 94 (11) 4600204 or 94(11) 4600209

Fax No. : 94(11) 2432044

Email : srs.slr@gmail.com / tender2@railway.gov.lk

Website : www.railway.gov.lk

- 7. A complete set of Bidding Documents in English language may be purchased by interested bidders on the submission of a written application to **The Deputy General Manager (Procurement)**, **Procurement Sub Department**, **Sri Lanka Railways**, **Olcott Mawatha**, **Colombo 10**, **Sri Lanka from 26.09.2025 until 16.10.2025 (excluding holidays)** from **09.00 hrs to 15.00 hrs** upon payment of a non-refundable fee of **Rs. 10,000.00**. Only cash payment shall be accepted.
- 8. Bids shall be delivered in duplicate to **The Chairman, Department Procurement Committee** (Major), Procurement Sub Department, Sri Lanka Railways, Olcott Mawatha, Colombo 10 on or before 14:00 hrs. on 17.10.2025. Late bids will be rejected. Bids will be opened soon after closing in the presence of the bidders' representatives who choose to attend.
- 9. Bids shall be valid up to **15.01.2026.**
- 10. All bids shall be accompanied by a Bid-Security of **Sri Lankan Rupees Four Hundred and Thirty Thousand (Rs.430,000.00)**. The Bid Security shall be valid up to **12.02.2026**.
- 11. Pre-Bid Meeting is scheduled to be held at 11.00 hrs. on 07.10.2025 at the Office of the Deputy General Manager (Procurement), Olcott Mawatha, Colombo 10.

Ref No. SRS/F.8157.

The Chairman, Department Procurement Committee (Major) Sri Lanka Railways.

### **VOLUME 1**

SECTION 1 – INSTRUCTIONS TO BIDDERS

Instructions to Bidders shall be read in conjunction with Bidding Data under Section 5 (Volume 2).

• SECTION 2 – STANDARD FORMS (CONTRACT)

SECTION 3 – CONDITIONS OF CONTRACT

Conditions of Contract shall be read in Conjunction with Contract Data under Section 5 (Volume 2).

Volume 1 comprises Section 1, 2 and 3 of the Standard Bidding Document for the Procurement of works published by the Institute for Construction Training and Development, "Savsiripaya", 123, Wijerama Mawatha, Colombo07. (Publication No. CIDA/SBD/01 Second Edition – January 2007).

Section 1 and Section 3 will **not** be issued with the Bidding Document and Bidder is advised to purchase it from the Construction Industry Development Authority (CIDA).

### **Section 2 – Standard Forms (Contract)**

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

### Notes on Form of Letter of Acceptance

The Letter of Acceptance will be the basis for formation of the Contract as described in Clause 33 of the Instructions to Bidders. This Form of Letter of Acceptance should be filled in and sent to the successful bidder only after evaluation of Bids and after obtaining approval from the relevant authority.

### 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.
The adjudicator shall be [name and address of the Adjudicator, if agreed] / shall be appointed by the Institute for Construction Training and Development (ICTAD).
You are hereby instructed to proceed with the execution of the said Works in accordance with the Contract documents.
The Start Date shall be: (fill the date as per Conditions of Contract).
The amount of Performance Security is: (fill as per Conditions of Contract).
The Performance Security shall be submitted on or before (fill the date as per Conditions of Contract).
Authorized Signature :
Name and title of Signatory:
Name of Agency:

### STANDARD FORM: AGREEMENT

	AGREEMENT, made the[day] day of[month] 20 [year] between the and address of Employer] (hereinafter called "the Employer") of the one
	and [name and address of Contractor] (hereinafte "the Contractor") of the other part.
Emplo	REAS the Employer desires that the Contractor execute[name and identification number of Contract] (hereinafter called "the Works") and the yer has accepted the Bid by the Contractor for the execution and completion of such Works and the ying 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 hereinafte mentioned, the Contractor hereby covenants with the Employer to execute and complete the Work 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 the remedying of defects wherein the Contract Price or such other sun as may become payable under the provisions of the Contract at the times and in the manne prescribed by the Contract.
	tness whereof the parties thereto have caused this Agreement to be executed the day and year nentioned, in accordance with laws of Sri Lanka.
	rized signature of Contractor Authorized signature of Employer
	OMMON SEAL COMMON SEAL presence of:
Witne	sses:
1,	Name and NIC No.
1	Signature
	Address
2.	Name and NIC No
	Address

### FORM OF PERFORMANCE SECURITY (Unconditional)

	[Issuing Agency's
Name, and Address of Issuing Branch or Office]	
<b>Beneficiary:</b> of Employer]	[Name and Address
Date:	Zilly
PERFORMANCE GUARANTEE No.:	:30
We have been informed that	
called "the Contractor") has entered into Contract No contract] dated with you, for the [insert	
[name of contract and brief desc	ription of Works] (hereinafter called
"the Contract").	KO.
Furthermore, we understand that, according to the conditions of the required.	
At the request of the Contractor, weirrayocably undertake to pay you any sum or sums not exceeding in	[name of Agency] hereby
irrevocably undertake to pay you any sum or sums not exceeding in [amount in figures] ()	[amount in words] upon receipt by
us of your first demand in writing accompanied by a written statement of its obligation(s) under the Contract, without your needing to prove of the sum specified therein.	stating that the Contractor is in breach
This guarantee shall expire, no later than the day of 20	linsert date 56 days beyond the
intended completion date of the contract 1 and any demand for paym	
this office on or before that date.	ent under it must be received by us u
[signature(s)]	

### FORM OF ADVANCE PAYMENT SECURITY

	[ Name and address of
Agency, and Address of Issuing Branch or Office]	·
Beneficiary: Employer J	[Name and Address of
Date:	2177
ADVANCE PAYMENT GUARANTEE No.:	. 20
We have been informed that	Iname of Contractorl
(hereinafter called "the Contractor") has entered into Contract No  the contract] dated with you, for the c	[reference number of
[name of contract and brief description] (here	
Furthermore, we understand that, according to the conditions of the Contra [amount in figures] (	
made against an advance payment guarantee.	, [
At the request of the Contractor, weirrevocably undertake to pay you any sum or sums not exceeding in to [amount in figures] () [amount your first demand in writing accompanied by a written statement stating that	nt in words] upon receipt by us of
obligation in repayment of the Advance payment under the Contract.	
The maximum amount of this guarantee shall be progressively reduced payment repaid by the Contractor.	d by the amount of the advance
This guarantee shall expire on [Insert the date, 28 day Completion Date]	ys beyond the Intended
Consequently, any demand for payment under this guarantee must be rebefore that date.	eceived by us at this office on or
[signature(s)]	

### **VOLUME 2**

- BIDDING DATA AND CONTRACT DATA
- SPECIFICATIONS
- BILL OF QUANTITIES
- DRAWING **SECTION 4** 

**SECTION 5** 

**SECTION 6** 

**SECTION 7** 

**SECTION 8** - DRAWINGS

- STANDARD FORMS (BID) **SECTION 9** 

### qualification In. Rot Rot Antion An Section 4 - Form of Bid and Qualification Information

### Form of Bid

Name of Contract: Construction of Island Platform and Passenger Overhead Bridge at Abanpola Railway Station.

To: General Manager Railways, General Manager's Office, P.O. Box 355, Sri Lanka Railways, Colombo 10.

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Gen	ıtı	em	าลท	

1.	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 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 for the period of <b>91 Days</b> from the date fixed for receiving or any extended period 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 accept / we do not accept the Adjudicator.
7.	We understand that you are not bound to accept the lowest or any Bid you may receive.
8.	We certify/confirm that we comply with the eligibility requirements as per ITB clause 3 and 4 of the bidding documents.
Dated	thisday of
capacit	ty ofduly authorized to sign bids for and on behalf of
•••••	(IN BLOCK CAPITALS)
Signati	
Name	:
Design	nation :
Addres	ss :
Witnes	SS :

### **Qualification Information**

(To be completed and submitted by the bidder, with the Bid)

CIDA Registration	
Registration number	(attach copies of relevant pages from the registration book)
Grade	
Speciality	
Expiry Date	
<b>Backlisted Contractors</b>	A A Y
Have you been declared as a defaulted co	ontractor by NPA or any other Agency? (Yes/No)
IF yes provide details	
VAT Registration Number	
Construction Program	( attach as annex)
-	co <sup>y</sup>
Legal status	(attach relevant status copies, as annex)
Value of Construction works performed in last 5 years	(attach copies of Certificate of Completion etc. and other documents such as profit-loss and income expenditure statement)
Year	
Year	
Year	, /
Year	2
Year	
Value of similar works completed in last 5 years (indicate only the three largest projects)	1. Value       Year         2. Value       Year         3. Value       Year         (attach copies of Certificate of Completion etc., as annex)
Major items of construction equipment proposed	1. type       Capacity         2. type       Capacity         3. type       Capacity         4. type       Capacity         5. type       Capacity
Qualification and experience of key staff – Site & Head Office (Permanent, Contract basis & Consultants)	Technical: 1. 2. 3.
	Managerial: 1. 2. 3.
Other information requested under ITB Clause 4.1	

### **Section 5 - Bidding Data and Contract Data**

This section **Bidding Data** 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 discrepancy, the provisions in Section 5 – Bidding data shall supersede these provided in the Section 1- Instructions to Bidders.

This section **Contract Data** shall be read in conjunction with Section-3 Conditons of Contract, and is intended to provide specific information in relation to corresponding Clauses in Section -3. Whenever there is discrepancy, the provisions in Section 5 – Contract data shall supersede these provided in the Section-3 Conditions of Contract.

Section 1 and Section 3 will **not** be issued with the Bidding Document and Bidder is advised to purchase it from the Construction Industry Development Authority (CIDA).

### G. Bidding Data

### **Instructions to Bidders Clause Reference**

(1.1) The Employer is

Name: General Manager, Sri Lanka Railways

Address: General Manager's Office,

Sri Lanka Railways,

P.O. Box 355, Olcott Mawatha,

Colombo 10.

The project involves the construction of an Island Platform approximately 820 feet in length, and a Passenger Overhead Bridge at Abanpola Railway Station. The scope of work includes earth excavation, concrete work, formwork, reinforcement, masonary work, transporting PSC beams, laying precast concrete panels, hand railing work, plastering, and painting work.

ding

Special attention must be given to the construction method of the island platform walls, which are to be constructed using rail uprights as shown in the drawings. The required rail pieces will be supplied free of charge at the site by Sri Lanka Railways.

(1.2) Intended Completion Date is 180 Days from the Start Date.
(Start date should be within 14 days from the date of the letter of

acceptance)

(1.3) The office for collection of bid forms is **The Deputy General Manager** 

(Procurement), Procurement Sub Department, Sri Lanka Railways,

Olcott Mawatha, Colombo 10, Sri Lanka.

Tel No. 94 (11) 4600204 or 94(11) 4600209

The non-refundable fee is Rupees 10,000.00

The Bid forms will be issued until 16.10.2025.

**(2.1)** The source of funds is Government of Sri Lanka.

(4.2) The registration required

Specialty: Building or Bridge Construction

Grade: C - 6 or Above

- (4.3) The following information shall be provided by the bidders:
  - \* CIDA Registration;

Registration number

Grade

Specialty

**Expiry Date** 

- \* VAT Registration number
- \* Construction Programme
- \* Legal Status (Sole proprietor, Partnership, Company etc.)
- \* Annual audited financial statement of last five years
- \* Experience in works of a nature and complexity project completed during last five years;
- \* Major items of construction equipment proposed to carry out the Contract;
- \* Qualifications and experience of key site management and technical personnel proposed for the Contract;
- \* Any other.
- (4.4) (a) Experience in the construction of at least one contract of a nature and complexity with a project value at least Sri Lankan Rupees 43.0 million or a higher valued project completed within proportionate time period over the last 5 years as a main contractor. (To comply with this requirement, works cited should be at least 70 percent completed)
  - (c) Proposals for the timely acquisition (own, lease, hire, etc.) of the essential equipment listed below;
  - i. Tractors
  - ii. Concrete Mixers
  - iii. Plate Compactors
  - iv. List any other
  - (d) Following technical and managerial Staff:

Position	Required minimum	Experience	Minimum Numbers
	qualification		required
Technical Assistant	NCT (Civil) or	2 years' experience_in	01 Full
	equivalent	Construction	time at Site
Quantity Surveyor	NCT (QS) or	1 year experience	01 Part
	equivalent		time at Site

(9.1)Employer's address for the purpose of clarification is; Name: Eng. E.M.S.P.K.Deegala Address: Chief Engineer's Office, Sri Lanka Railways, No. 01, D.R. Wijewardane Mawatha, Colombo 10. Fax : 0112 677032 E-mail: sedesign321@gmail.com The language of the bidding document shall be English. (11.1)(13.3)VAT component shall not be included in the rates. The amount written in the Form of Bid shall be without VAT. However, VAT component shall be shown separately at the end of the BOQ. (13.4)The Contract is not subjected to price adjustment in accordance with Clause 47 of the Conditions of Contract. (15.1)The Bid shall be valid up to 15.01.2026. Bid shall include a Bid Security using the form included in Section 9. (16.1)**Amount of Bid Security:** (16.2)The amount of Bid Security shall be Sri Lanka Rupees Four Hundred and Thirty Thousand Only. (LKR 430,000.00) Bid security Validity of Bid Security The bid security shall be valid up to 12.02.2026. **Pre-Bid Meeting** (17.0)Pre-Bid meeting will be held: Date: 07.10.2025 Time: 11.00 hrs. Venue: Office of the Deputy General Manager (Procurement), Olcott Mawatha, Colombo 10. Followed by a site visit The Employer's address for the purpose of Bid submission is The Chairman, Department Procurement Committee (Major), Procurement Sub Department, Sri Lanka Railways, Olcott Mawatha, Colombo 10. (19.2) b Contract name: Construction of Island Platform and Passenger Overhead Bridge at Abanpola Railway Station. Contract no. SRS/F.8157

(20.1)

The deadline for submission of Bids shall be 14.00 hrs. on 17.10.2025.

### (34.0) Amount of Performance Security

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

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 2, Standard Forms (Contract)

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

(36.0) The Adjudicator proposed by the Employer is Construction Industry

Development Authority (CIDA)

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

### **Contract Data**

(Please note that the Clause nos. given hereunder are that of Conditions of Contract)

(1.1) The Employer is

Name : General Manager, Sri Lanka Railways

Address: General Manager's Office,

P.O. Box 355, Sri Lanka Railways, Colombo 10.

Name of Authorized Representative: Deputy General Manger

(Procurement)

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(1.1) The Engineer is

Name: Chief Engineer (Way & Works)

Address: Chief Engineer's Office, Sri Lanka Railways, No. 01, D.R.

Wijewardane Mawatha, Colombo 10.

Name of Engineer's Representative: Superintendent Engineer (Design)

Address: Chief Engineer's Office, Sri Lanka Railways, No. 01, D.R.

Wijewardane Mawatha, Colombo 10.

Tele: 011-2677032

(1.1) The project involves the Construction of an Island Platform approximately 820 feet in length, and a Passenger Overhead Bridge at Abanpola Railway Station. The scope of work includes earth excavation, concrete work, formwork, reinforcement, masonary work, transporting PSC beams, laying precast concrete panels, hand railing work, plastering, and painting work.

Special attention must be given to the construction method of the island platform walls, which are to be constructed using rail uprights as shown in the drawings. The required rail pieces will be supplied free of charge at the site by Sri Lanka Railways.

- 1.1) The Start Date shall be 14 Days from the Letter of Acceptance.
- (2.3) The following documents also form part of the Contract:

1. The Contractor's work program

2.

### (9.1) Schedule of Key Personnel:

Minimum persons with qualifications and experience to be defined,

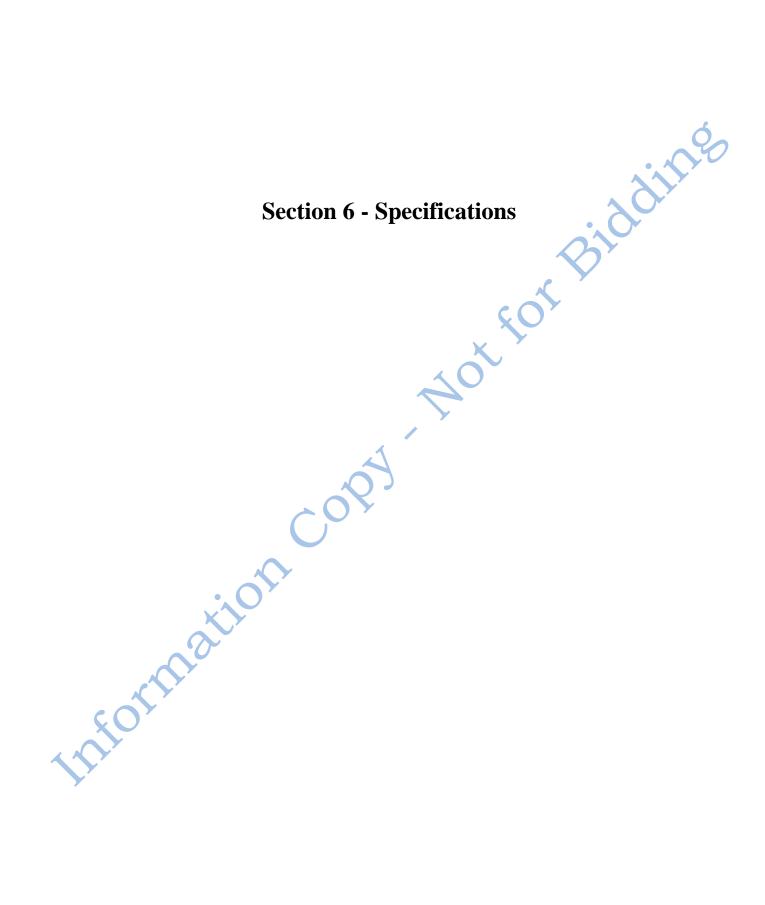
- Technical Assistant Qualified with NCT (Civil) or equivalent with 2-year experience
- Quantity Surveyor qualified with NCT (QS) or equivalent with 1 year experience
- (13.1) The minimum insurance covers shall be:
  - (a) The minimum cover for insurance of the Works and of Plant and Materials is 115% of the Initial Contract Price.
    - The maximum deductible for insurance of the Works and of Plant and Materials is 5% of Initial Contract Price.
  - (b) The minimum cover for loss or damage to Equipment is "Cost of Equipment"
    - The maximum deductible for insurance of Equipment is 5% of minimum cover for equipment.
  - (c) The minimum cover for insurance of other property (other than the Site) is Rs. 500,000.00
  - (d) The minimum cover for personal injury or death,
    - for third party and employees of the Employer and other persengaged by the Employer in the Works is Rs. 500,000.00 per event
- (13.2)

  (a) The minimum cover for personal injury or death,

  \* for the Contractor's workmen is as Workmen's Compensation
  (Amendment Act No. 10 of 2005) per event.

  \* Contractor's employees other than workmen are as Workmen Compensation (Amendment Act No. 10 of 2005) per event
- (17.1) The Intended Completion Date for the whole of Works shall be 180 days.
- (21.1) The Site Possession Date shall be 14 Days from Letter of Acceptance.
- The Contractor shall submit a programme for the Works within 7 Days of delivery of the Letter of Acceptance.
- (27.3) The period between Programme update is 14 Days.
- (35.1) The Defects Liability Period is 365 Days.
- Engineer may order variations up to a total cumulative value of not exceeding Rs. **4,300,000.00**

(42.1)	Minimum amount of Interim Payment Certificates Rupees: 3 million
(47.1)	The Contract Price is subjected to price adjustment
	Weightings of Inputs
	Indices No. Input Name Input Percentage
	Please refer Schedule 09.
	Nonadjustable element shall be: All items in Bill No.01: Preliminaries
(48.1)	The retention from each payment shall be 10% percent of the certified work done.
	The limit of retention shall be 5% percent of the Initial Contract Price.
(49.1)	The liquidated damages for the whole of the Works shall be <b>Rs.21,500.00</b> per Day.
(50.1)	The maximum amount of liquidated damages for the whole of the Works shall be 10% percent of the Initial Contract Price
(52.1)	The Performance Security shall be 5% percent of the Initial Contract Price.
(58.1)	Schedule of operating and maintenance manuals.
(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%.
(63.7)	The attendance fee payable to the Contractor on nominated sub-contract work shall not exceed 8%.
(63.7)	
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### **Section 6 - Specifications**

The works under this Contract Agreement shall be executed in accordance with the Specification given in the following publications issued by the Institute for Construction Training and Development (ICTAD), Savsiripaya, Wijerama Mawatha, Colombo 07 and as specified.

1. Bidding Construction Works Publication No. SCA/4 (Vol.I):-

Specification for Building Work Vol. (I),

2. Building Construction Works Publication No. SCA/4 (Vol.I) :-

Specification for Building Work Vol. (II), Sri Lanka, 2<sup>nd</sup> Edition (Revised), October 2001.

3. Water Supply, Sewerage and Storm Water Drainage Works Publication Specification

Storm

Publication No. SCA/3/2:Specification for Water Supply, Sewerage and

Water Drainage Works, Sri Lanka. 2<sup>nd</sup> Edition (Revised), April 2002.

4. Electrical & Mechanical Works Publication No. SCA/8:-

Specification for Electrical & Mechanical Works Associated with Building and Civil Engineering,

Sri Lanka, 2<sup>nd</sup> Edition, August 2000.

# Section 7 - Bill of Quantities (Bound Separately) WOLLD WOLLD WHAT W

### PREAMBLE TO THE BILL OF QUANTITIES

- 1. The Conditions of Contract, the Specifications are to be read in conjunction with the Bill of Quantities.
- 2. The cost of complying with all conditions, obligations and liabilities described in the Conditions of Contract and the Specifications and **The Bill of Quantities 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 materials or equipment is not intended. Any other materials 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. Whenever the method of measurement is not clear from documents available, the principles as given in the Sri Lanka Standard 573 (1<sup>st</sup> Revision 1999), Method of Measurement of Building Work shall be applicable.
- 5. All items of work shall comply exactly with the Contract unless otherwise approved by the Engineer and the rates and sums inserted in the Bill of Quantities shall be deemed to apply to the work as specified. If, for his own 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 any case be increased as a result.
- 6. 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 actual quantities used for final measurement purposes will be determined by the Engineer by measurement of the work completed by the Contractor.

Where, for his own purposes or due to his own default, the Contractor carries out the Works in such a manner that the quantity of any Item of work in particular component to be measured for payment purposes differs from that directed by the Engineer, then payment shall be made according to the lesser of the actual quantity and that directed. An excess quantity in one part of the component shall not, however, be allowed to offset a deficit elsewhere in the same component for measurement purposes.

Where the determination for payment purposes of the quantity of any Item of work 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 measurement 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 observe 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. Items in the Bill of Quantities where "Rate Only" is specified shall be priced as required for a unit quantity of that item and shall be not carried to the total of Bill of Quantities. Imperial units are used throughout the Bill of Quantities for measurement purposes unless otherwise indicated. Abbreviations used in the Contract are as follows:-

L.ft - Linear Feet

Sq.ft - Square Feet

Sqrs - Squares

Kg - Kilogram

cube - Cube

Nos. Numbers

Rs. - Sri Lanka Rupees

Cts. - Cents

P.S. - 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. Rates shall also include for:

Cornation.

- Equipment, tool etc. scaffolding, all labour and waste incidental material fixing media a. cartage, hoisting, fitting and fixing complete to work in order and relevant overheads expenses and profits and for comply with by laws and regulations lawfully imposed by the Local Authorities etc. Aot for Bidding
- All costs associated with dumping rubbish and debris off site. b.

Any discount offered will not be considered for Provisional Sum Items. 10.

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### CONSTRUCTION OF ISLAND PLATFORM AND PASSENGER OVERHEAD BRIDGE AT ABANPOLA RAILWAY STATION

### **List of Drawings**

No.	Drawing Number	Title	
Prop	osed Island Platform		
01	BU/N/ANP/Drg/ 23307 (Page 1 of 8)	Plan	
02	BU/N/ANP/Drg/ 23307 (Page 2 of 8)	Reinforcement Detail of wall - Sections	
Prop	osed Overhead Bridge		
03	BU/N/ANP/Drg/ 23307 (Page 3 of 8)	Plan and site location of overhead bridge	
04	BU/N/ANP/Drg/ 23307 (Page 4 of 8)	Front Elevation of Overhead Bridge	
05	BU/N/ANP/Drg/ 23307 (Page 5 of 8)	Section X-X of Overhead Bridge	
06	BU/N/ANP/Drg/ 23307(Page 6 of 8)	Reinforcement Details of Section X-X	
07	BU/N/ANP/Drg/ 23307 (Page 7 of 8)	Column Footings and Beam Reinforcement details	
08	BU/N/ANP/Drg/ 23307 (Page 8 of 8)	Detail of Precast slab Panels and Hand rails	

9- Standard Forms (Bid) Hot Rote Hot Ro

### 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]
<b>Beneficiary:</b> General Manager Railways, General Manager's Office, Sri Lanka Railways, P.O. Box 355, Colombo 10.
Date:[insert (by issuing agency) date]
BID GUARANTEE No.: [insert (by issuing agency) number] We have bee 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 Construction of Island Platform and Passenger Overhead Bridge at Abanpola Railway Station under Invitation for Bids No[insert IFB number] ("the IFB").
Furthermore, we understand that, according to your conditions, Bids must be supported by a Bid Guarantee.
At the request of the Bidder, we [insert name of issuing agency] hereb 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 it obligation(s) under the bid conditions, because the Bidder:
(a) has withdrawn its Bid during the period of bid validity specified; or
<ul> <li>(b) does not accept the correction of errors in accordance with the Instructions to Bidders (hereinafter "the ITB"); or</li> <li>(c) having been notified of the acceptance of its Bid by the Employer during the period of bid validity, (fails or refuses to execute the Contract Form, if required, or (ii) fails or refuses to furnish the Performanc Security, in accordance with the ITB.</li> </ul>
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
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)]
Totalian e(s) of annotated representative(s) i

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### **Schedule 1 - General Information**

 $(i) \ \ For joint \ ventures, \ each joint \ venture \ partner \ shall \ furnish \ information \ separately.$ 

ITB Clause reference	Clause Description (to be filled by the		Remarks
<b>4.1</b> (a)	Legal Status		Provide certified copies of Registration
	Written power of attorney of The signatory to the Bid	attorney attested by a Not	rtified copy of the power of ary and label as attachment to se 4.1 (a)
	If a Joint Venture, Names and Addresses of Joint Venture Partners	1.	Provide a draft copy of the Joint Venture Agreement or alternatively the Memorandum of Understanding
	If a Joint Venture, name of Lead Partner		£0 <sup>5</sup>
	For joint ventures, each joint v	venture partner shall furnish L	egal Status separately
	Name (Lead partner)	40	
	Legal Status	<b>Y</b>	Provide certified copies and
	Place of registration	3	label as attachment to Clause 4.1(a)
	Principal place of Business	Ob	
	Written power of attorney of the signatory to the Bid	attorney attested b	rtified copy of the power of y a Notary and label as t to Clause 5.1
	VAT Registration Number		T
	Name (Partner 2)		
	Legal status		Provide certified copies and
86	Place of registration		label as attachment to Clause 4.1(a)
	Principal place of Business		
	Written power of attorney of the signatory to the Bid	attorney attested b	rtified copy of the power of y a Notary and label as to Clause 4.1 (a)
	VAT Registration Number		

Place of registration Principal place of Business Written power of ttorney of the ignatory to the Bid VAT Registration Number IDA Registration egistration number trade pecialty xpiry Date	attorney atteste	Provide certified copies of label as attachment to Classified copy of the power of ed by a Notary and label as ent to Clause 4.1 (a)  Provide certified copies and label as attachment to Clause 3.1
Principal place of Business Written power of ttorney of the ignatory to the Bid VAT Registration Number IDA Registration egistration number trade pecialty	attorney atteste	4.1(a)  r certified copy of the power of ed by a Notary and label as ent to Clause 4.1 (a)  Provide certified copies an label as attachment to Clause 4.1
Business Written power of ttorney of the ignatory to the Bid VAT Registration Number IDA Registration egistration number trade	attorney atteste	Provide certified copies an label as
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xpiry Date		
	A <sup>C</sup>	
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### Schedule 2 - Annual Turn-over Information (Construction only - Last five years)

(i) For joint ventures, each joint venture partner shall furnish information separately.

	Turn-over	Remarks
1		
		• •
2		<u> </u>
4		20
3		<b>\( \sqrt{'} \)</b>
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COLUM	Lion.	
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### Schedule 3 - Construction Experience in last Five years

(ii) For joint ventures, each joint venture partner shall furnish information separately.

Year	Employer	Description of Works	Amount	Contractor's Responsibility (%)
				• .
				38
				230
			¢ C	<b>&gt;</b>
			X	
			~°	
		_	<b>Y</b>	
		A		
		~0,		
	. 0	<b>&gt;</b>		
	X			
	~~~			
_	C.	Total		

<sup>\*</sup> Provide documentary evidence and label as attachment to Clause 4.2.

Type	Capacity
	•
	30
	80
	70
	4
_^	
$\sim$	
30	

		~~
	Schedule 5 - Construction Mana	gement Staff
A. Key Professionals		
Name	Position	Task
	4	
	<u></u>	
B. Support Staff		
Name	Position	Task
	. 03	

### **Schedule 6 - Time Schedule for Key Staff**

											_				
			Months (in the Form of a Bar Chart)												
Name	Position	Activities	1	2	3	4	5	6	7	8	9	10	11	12	Number of Months
								X							
							X								
					$1_{\lambda}$	1									
						*									
			7												
			,												
		$\sim$													

Full-time:		Part-time:
1 dir time	- 1/1	i dit time

### Schedule 7 - Work Program *Sheet 1 of .......* [1st, 2nd, etc. are months from the Start Date] 8th 9th **Construction Activity** 7th 10th 11th 12th 1st 2nd 3rd 4th 5th 6th

### Schedule 08 – Day Work Schedules

### 08.1 Labour

The Bidder shall enter below the gross daily wage including all allowances but excluding bonuses for the basic working hours for various categories of skilled and unskilled labour.

Any labour engaged on Day works shall be paid at the rates given below.

Labour	Gross Daily Wage
	Rs. Cts
1. Bar Bender	60)
2. Mason	
3. Welder	
4. Mechanic	
5. Painter	
6. Lorry Driver	
7.Unskilled Labour	
8.Semiskilled Labour	

### **08.2 PLANT**

Plant engaged on Day works shall be paid at the rates given below.

The rates are for wet hire. These rates shall also include cost of provision of operators and attendants.

Plant Description	Capacity	Rate per hour Rs. Cts.
		NS. Cts.
Farm Tractor with Trailer		
Lorry / Tipper	5 tonne	. 20.
Concrete Mixer	350 liters	Bir
Vibrating roller machine	01 Ton	cos
Tamping rammer machine	6.5 HP	X
Water pump	1/2 HP	
Wheel Loader	1 ½ m³	
Excavator	0.4m³ bucket Capacity	
Generator	lkVA	
Electrical Hammer Drill Machine	<b>\$</b>	
Welding Plant		

### **08.3 MATERIALS**

Material	Unit	R	ate
		Rs	Cts.
1. Cement	1 bag ( 50 kg )		
2. Reinforcement Mild Steel Tor Steel	1 Ton 1 Ton		^3
3. Coarse Aggregates Size <sup>3</sup> / <sub>4</sub> "	1 Cube		x Bilde
4. River Sand	1 Cube	X SC	) <sup>y</sup>
5. 2"(inch) Dia 3mm thick GI pipe	1 Nos	70	
6. Paints Weather Shield	4 liters		
7. 3/4" thick Plywood	01 Nos		
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### Schedule 09 -**Input Percentages**

	Indices Ref.	Input Name	Input Percentage
	М3	Cement	14.0%
	M7	Metal	4%
	M8	Sand	5%
	M13	Reinforcement Steel	19%
	M21A	Formwork (Plywood)	30%
	M45	Earth	5%
	L1	Skilled labour	6.5%
	L3	Unskilled labour	6.5%
		Total	90.0%
	ation		
THIO?			