

ORIGINAL / DUPLICATE

SRS/F.8175

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA
MINISTRY OF TRANSPORT, HIGHWAYS AND URBAN DEVELOPMENT



SRI LANKA RAILWAYS

**RECONSTRUCTION OF THE SUPERSTRUCTURE OF THE
RAILWAY BRIDGES ON COASTAL LINE AT
PINWATTA (19M 73CH) & INDURUWA (40M 79CH.).**

BIDDING DOCUMENT ISSUED UP TO - 24.08.2026

CLOSING /OPENING OF BIDS - 25.08.2026

DOCUMENT NUMBER:

ISSUED TO:

M/s:

ADDRESS:

.....

Amount Collected: **Rs.60,000/=**

Receipt No: of

DATE:

.....
SIGNATURE OF ISSUING OFFICER

Information Copy - Not for Bidding

Table of Contents

SECTION	DESCRIPTION	PAGE NUMBER
	Invitations for Bids	01-02
Section I	- Instructions to Bidders (ITB)	03
Section II	- Bidding Data	4 - 20
Section III	- Conditions of Contract	21
Section IV	- Contract Data	22 - 37
Section V	- Standard Forms	38-52
Section VI	- Employer's Requirement	53-82
Section VII	-Form of Bid, Form of Design/Technical Proposal Form of Price Proposal	83-87
Section VIII	- Schedules	88-117
Section IX	- Drawings	118 - 122



DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA
MINISTRY OF TRANSPORT, HIGHWAYS AND URBAN DEVELOPMENT



SRI LANKA RAILWAYS
INVITATION FOR BIDS (IFB)

**RECONSTRUCTION OF THE SUPER STRUCTURE OF THE RAILWAY BRIDGES
ON COASTAL LINE AT PINWATTA (19M 73CH) & INDURUWA (40M 79CH.)
– SRS/F.8175**

1. The Chairman Ministry Procurement Committee, Ministry of Transport, Highways and Urban Development, 7th Floor, Sethsiripaya, Stage 11 Battaramulla on behalf of the Sri Lanka Railways (SLR), invites sealed bids from eligible and qualified bidders for the following project located on Coastal Line, at Kalutara & Galle Districts.

2.

Contract No.	Contract Name	Engineer's Estimate with contingencies (Rs. Mn.)	CIDA Grade	Bid Security (Rs. Mn.)	Contract Period (Days)
SRS/F. 8175	RECONSTRUCTION OF SUPER STRUCTURE OF THE RAILWAY BRIDGES ON COASTAL LINE AT PINWATTA (19M 73Ch) & INDURUWA (40M 79Ch.)	467.00	C2 or above	6.0	273

3. The work consists of Reconstruction of Super Structure of Railway Bridges on Coastal Line at Pinwatta (19M 73Ch) & Induruwa (40M 79Ch.)
4. Bidding will be conducted through the National Competitive Bidding Procedure (NCB).
5. To eligible for contract award, the successful bidder shall be currently registered with the Construction Industry Development Authority (CIDA) in grade C2 or above in **Bridge** specialty.
6. **The works are required to be carried out without interruption to the normal operation of train services on the existing railway line and in compliance with all applicable Railway safety requirements.**
7. Interested eligible bidders may inspect the Bidding Documents at the address given below on working days from **27.07.2026** until **24.08.2026** from 09.00 a.m to 03.00 p.m in weekdays.

Deputy General Manager (Procurement),
Procurement Sub Department,
Sri Lanka Railways, Olcott Mawatha,
Colombo 10,
Telephone Nos. : 94 (11) 2438078 or 94(11) 4600204
Fax No. : 94(11) 2432044
Email: srs.slr@gmail.com / tender2@railway.gov.lk

Website: www.railway.gov.lk

Pre-Bid Meeting is scheduled to be held at **10.00 hrs. on 10.08.2026** at the Office of the Deputy General Manager (Procurement), Olcott Mawatha, Colombo 10.

The bidders are requested, as far as possible, to submit any questions in writing or by email to reach the Deputy General Manager (Procurement), Procurement Sub Department, Sri Lanka Railways, Olcott Mawatha, Colombo 10, **07 days before the bid closing date.**

8. Pre-Bid Site Visit will be followed by the Pre-Bid meeting.
9. A complete set of bidding documents in English language can be purchased on submission of a written application to the Deputy General Manager (Procurement), Procurement Sub Department, Sri Lanka Railways, Olcott Mawatha, Colombo 10 **from 27.07.2026 until 24.08.2026** (excluding holidays) from 09.00 hrs. to 15.00 hrs. on payment of a **non-refundable fee of Rs.60,000.00** Original/ cash deposit slip should be submitted with the Bids at the submission of bids, and their availability will be scrutinized.
10. Bid proposals shall be valid **147 days** from the bid closing date.
11. Bid must be accompanied by a Bid- Security for an amount given in the above table. The **Bid Security shall be valid 28 days beyond bid proposal validity period.**
12. Bids shall be delivered in duplicate to **The Chairman, Ministry Procurement Committee, Ministry of Transport, Highways and Urban Development, 7th Floor, Sethsiripaya, Stage 11, Battaramulla on or before 14:00 hrs. on 25.08.2026.** Late Bids will be rejected. Bids will be opened soon after closing in the presence of the bidders' representatives who choose to attend.

SRS/F.8175

The Chairman,
Ministry Procurement Committee,
Ministry of Transport, Highways and Urban Development,
7th Floor, Sethsiripaya, Stage 11,
Battaramulla.

Section - I

INSTRUCTIONS TO BIDDERS

Note: Bidders are advised to refer Section 1 – Instructions to Bidders of Standard Bidding Document CIDA Publication No. – ICTAD/SBD/04 – First Edition -November 2002

Note:

Instruction to Bidders shall be read in conjunction with Bidding Data under Section II (Volume 1B). Matters governing the performance of the Contractor, payments under the Contract, or matters affecting the risks, rights, and obligations of the parties under the Contract are included under Section III – Conditions of Contract (Volume 1A) and Contract Data under Section IV (Volume 1B). However, some information is reproduced in this section to facilitate the bidders to price their bids.

Instructions to Bidders will not be a part of the Contract and will cease to have effect once the Contract is signed.

Note:

Bidders may consider the information printed in blue colour in the document as a checklist, when preparing their bids. However, it is the responsibility of the bidders to comply with all the requirements given in the bidding document.

Section - II

BIDDING DATA

Note: Bidding Data

This section shall be read in conjunction with Section 1 – Instructions to Bidders of ICTAD/SBD/04-First Edition-November 2002, and is intended to provide specific information in relation to corresponding clauses in Section 1. Whenever there is a discrepancy, provided in the Section II – Bidding Data shall supersede those provided in the Section I – Instructions to Bidders.

Bidders are advised to ignore the information printed in blue colour in the document, when preparing their bids. Such information is provided for the guidance of the Employer.

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ITB 1.1 & 9.1	The Employer is; Name: The General Manager, Sri Lanka Railways Address: Railway Headquarters, P.O.Box 1347, Olcott Mawatha, Colombo 10. The Works consists of Design and Reconstruction of the Superstructures of the Railway Bridges on Coastal Line at Pinwatta (19M 73Ch) & Induruwa (40M 79Ch.). The Contract number is: SRS/F.8175
ITB 1.2	The Time for Completion for the whole of the works shall be 273 days from the Start Date.
ITB 1.2	The delay damages for the whole of the Works shall be 0.05 % of the Initial Contract Price per Day. The maximum amount of delay damages for the whole of the Works shall be 5% percent of the Initial Contract Price.
ITB 1.2	Defects Notification Period is: 02 years from the Employer's taking over
ITB 2.1	The source of funds is: Government of Sri Lanka (GOSL)
ITB 3.1	The registration is required. The bidders shall have a valid registration with the Construction Industry Development Authority (CIDA/ICTAD) (previously known as ICTAD) - Grade C2 in Bridge Construction Specialty on the date of closing of bid. Foreign bidders are allowed to participate in the Bidding process. In the event they are not registered in CIDA, they shall obtain the registration within a reasonable time. If a joint venture, each partner must meet this requirement.

ITB 3.4	Foreign bidders may submit a bid with or without a local agent(s). If the foreign bidder uses a local agent(s), and if the bid price exceeds Rupees 250 million, the bidder shall provide the following information with the bid. Failing to furnish such information may result in rejection of the bid by the Employer. (i) the name and address of the local agent(s) (ii) the year of registration of the business of the local agent(s); (iii) a certified copy of the audited accounts of the local agent(s) for any one of the two financial years immediately preceding the date of submission of Bids, audited by an independent external auditor in accordance with Sri Lanka auditing standards, together with the auditor's report confirming that the accounts were prepared in accordance with the Sri Lanka accounting standard; and (iv) all details of commissions or gratuities, if any, paid or to be paid to the local agent(s) connected with or relating to the Bid up to contract execution if the bidder is awarded the contract, including any success fees payable.
ITB 3.1,3.2,4.1	Qualification Information The following information shall be provided in Section – 9 – Schedules; • Registration with CIDA Registration number Grade Specialty Expiry date • VAT registration number If VAT not registered, self-declaration on VAT registration. • Construction Programme with critical path and cash flow forecast. • Written Power of Attorney with affidavit for verification of signature • If a Joint Venture, the agreement or the letter of Intent with draft agreement • Legal status of the bidder (sole proprietor, Partnership, Company etc. • Authentication of Signatory: • Sole proprietor- Certificate of firm Registration certified by Notary/Solicitor and an affidavit to certify the signature • Partnership – Power of attorney signed by non-signing partners authorizing the signing partner and an affidavit to certify the signature • Company Limited by liability- Power of attorney / board resolution signed by non-signing partners authorizing the signing person and an affidavit to certify the signature • Total monetary value of construction work performed for each of the last ten years. • Experience in works of a similar nature and size for each of the last ten years to satisfy the requirement in 4.2(c). (Please submit the Letter of Acceptance, completion certificate, final payment certificate approved by the employer along with relevant BOQ to prove the similar nature) • Audited financial statements for 2015/2016, 2016/2017, 2017/2018, 2018/2019, 2019/2020, 2020/2021, 2021/2022, 2022/2023, 2023/2024 and 2024/2025 with each page signed and sealed by the auditor and the bidder.

	• Bidder shall submit a letter authorizing “General Manager” of Sri Lanka Railway to verify the submitted audited financial statements from respective Auditor. The letter should be addressed General Manager, Sri Lanka Railways. • Availability of liquid assets • Total Net Worth • Availability of Construction equipment. • Availability of Staff • Work plan and methods • Information on current work in hand • Notice to Correct issued • Termination of Contracts • Pending arbitration & litigation
ITB 4.3(a)	The average annual volume of construction work performed in the last ten years shall be at least Rupees 560 million. Annual Average Construction Turnover (AACT) is calculated as follows: $AACT = \frac{\sum ACT_n}{10} \quad \text{where, } n = 1st \dots\dots\dots 10th \text{ year (last ten years)}$ ACT_n - Annual Construction Turnover of nth year (from the audited financial report) Any five years with the highest turnover within the last 10 years will be considered for the evaluation.
ITB 4.3(b)	Experience as prime Contractor/Subcontractor/Partner of Joint Venture in the construction of at least one contract of similar nature and complexity and equivalent to the Scope of Work in the Contract over the last 10 years each with a value higher than 280 Million. Contract of similar nature and complexity is construction of steel bridge having span of at least 40m, including design, manufacturing and fabrication. (railway or Highway bridge). Contractor shall demonstrate following Construction Experience in Key Activities (May be complied with by specialist subcontractors. The employer shall require evidence of the subcontracting agreement from the bidder. A specialist subcontractor is a specialist enterprise engaged for highly specialized processes, which the main contractor cannot provide.) 1. Launching of a steel bridge (Railway or highway) of at least 40m long with in last five years. 2. Applying metalized paint to heavy steel structures to C5 – marine environment exposure condition with in last 5 years. 3. Supply and fixing of bridge bearings (Elastomeric or pot bearings) for at least ten railway or highway bridge with in last 5 years For the purpose of evaluation, to account for the high inflation prevailing in recent years, the

	value of the aforementioned similar experience shall be converted to equivalent US dollars. The conversion rate shall be based on the indicative exchange dollar exchange rate prevailed on 28 days prior to the bid opening date of the particular project. The equivalent Dollar amount of similar experience is calculated as follows: Equivalent Dollar amount of similar exp: = Final payment certificate amount in Rupees x Indicative exchange rate 1LKR to USD* *Indicative exchange rate 28 days prior to the Bid opening date of the particular project.
ITB 4.3 (c)	The Bidder must demonstrate the availability of key equipment for the proposed work in accordance to their technical proposal.
ITB 4.3(f)	Each of the proposed design team member should have carried out at least minimum of one design work similar to nature and complexity relevant to the task.
ITB 4.3(g)	The minimum amount of financial resources/ liquid assets and/or credit facilities net of other contractual commitments and exclusive of any advance payments which may be made under the contract shall be not less than Rupees 120 million. The minimum amount of liquid assets available is calculated as follows. $X = (A - L) - 0.3 W + C$ 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 No-07, C = Project specific revolving line of credit given by a bank as per given Form No-08 Note: Available Working Capital of bidder should be equal or greater than 50% of minimum amount of the Liquid Asset (i.e. Rs 60 million).

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ITB 4.3(h)**Pending Arbitration and Litigation**

Criteria	Compliance Requirements				Documents
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	One Partner	
All pending Arbitration and Litigation, if any, shall be treated as resolved against the Bidder and so shall in total not represent more than fifty (50%) percent of the Bidder’s net worth calculated as the difference between total assets and total liabilities.	Must meet requirement by itself or as partner to past or existing Joint Venture	not applicable	must meet requirement by itself or as partner to past or existing Joint Venture	not applicable	Schedule No. D2

ITB 4.3 (i)

Add this new clause after Sub Clause ITB 4.3 (h);

If a bidder forms a joint venture with an individual consultant or consulting firm, who has required design experience, for doing this design, the designing firm should have following experience;

Over the period of the last ten (10) calendar years prior to bid submission, the individual consultant or consulting firm should have implemented design of three (03) similar projects.

The aggregated value of the contract should be at least 10 million or an equivalent amount (consultancy fee) similar to this proposed contract. Similarity shall be as described under Section VII- Employer's Requirements.

Schedule A 5 -Consultant's Experience Including a letter from the Employer/ Client certifying the execution and completion of projects shall be submitted.

The individual consultant or consulting firm shall demonstrate that the personnel proposed for the design in Schedule B3 and Schedule B4 in Section VIII- Schedules meet the requirements specified in the Section VI- Employer Requirement.

ITB 4.3 (j)	Add this new clause after Sub Clause ITB 4.3 (i);					
	Non – Performing Contracts					
	Criteria	Compliance Requirements			Documents	
	Requirement	Single Entity	Joint Venture			Submission Requirements
			All Partners Combined	Each Partner	One Partner	
	Non-performance* in a contract has not been occurred as a result of Contractor’s default	must meet requirement by itself or as partner of JV	not applicable	must meet requirement by itself or as partner of JV	not applicable	Schedule No. D1 (a) & D1 (b)

* All Sri Lanka Railway projects (foreign & local funded) shall be considered for assessment of Non-performing Contracts (single entity contractor / any JV / any each partner of the JV, nominated sub-contractor) based on the following criteria.

1. Any bidder who submits bid to this contract shall be disqualified for the award of the contract, if Notice to Correct (NC) has been issued within last five years before **28.07.2026** (28 days prior to date of bid opening) as per Clause 15.1 of Condition of Contracts on the poor performance of the Contractor or similar notice as per the relevant Conditions of Contract (COC) and is still in force, unless the Engineer certifies that Contractor has corrected the contents of the Notice to Correct. This certificate shall be accompanied with the bid; or

If any Contract has been terminated due to the Contractor’s default within last five years prior to **28/07/2026** (28 Days prior to the Bid opening), he shall be disqualified for the award of contract

ITB 9.1	Clarifications can be made in writing or by email to reach the Deputy General Manager (Procurement), Procurement Sub Department, Sri Lanka Railways, Olcott Mawatha, Colombo 10, 7 days before the bid closing date.
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ITB 12	The following additional documents shall be submitted with the Bid. • Audited financial statements with auditor's reports for the past 10 years to demonstrate that the current soundness of the bidder's financial position. ▪ Proposals for subcontracting elements of the works ▪ Authority to seek references from the bidder's bankers. ▪ VAT Registration Certificate. Bidders already registered for VAT should submit this with their Bid while successful foreign bidders are allowed to complete the requirement before the award of the contract. ▪ <u>Public Contracts Act No. 3 of 1987</u> (i) Any person acts as an agent, representative or nominee for or on behalf of any bidder shall register himself with the Registrar of Companies if the bid price exceeds LKR 5 million in accordance with the Public Contracts Act No. 3 of 1987 and subsequent gazette notification. Such certificate issued to the local agent/ representative by the Registrar of Companies to be submitted. (ii) The Public Contract Must be registered within 60 days of the contract being awarded. (iii) A contractor must be registered prior to the award of the contract. ▪ Articles of Associations (Single entity and all partners of JV shall be submitted) ▪ Power of Attorney for the signatory of the Bid on behalf of the Bidder/JV/Consortium.
ITB 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 price schedule summary. All other taxes such as NBT, custom duties and other import taxes levied on the imported Good, sales and other similar taxes, which will be payable on the Goods shall be included in the Contract BOQ rates.
ITB 13.4	The Contract is subject to price adjustment in accordance with Clause 13.7 of the Conditions of Contract.

ITB 14.1	The Bidders are not allowed to bid in foreign currency(ies)
ITB 15.1	The bid validity period shall be 147 days from the bid submission Deadline Date.
ITB 16.1	The amount of Bid security shall be Sri Lanka Rupees 6.0 Million
ITB 16.2	The Bid security shall be valid 175 days from the date of bid closing. The bid security shall be an on demand bank guarantee in the form of an unconditional and irrevocable bank guarantee issued by a bank recognized by the Central Bank of Sri Lanka accepted to the Employer in accordance with the format given in Section V (Standard Forms) Insurance Guarantees are not accepted. If the bid security furnished by the Bidder is issued by a bank located outside Sri Lanka, it shall have a correspondent Bank located in Sri Lanka, which is approved by the Central Bank of Sri Lanka, to make it enforceable.
ITB 16.3	Delete the entire paragraph and replace as follows: Any Bid not accompanied by an acceptable Bid Security shall be rejected by the Employer as non-responsive. The bid security of a joint Venture shall be in the name of the leading partner of the Joint Venture that submits the Bid.

ITB 17.1	A Pre-Bid meeting take place at the following date, time and place: Date: 10.08.2026 Time: 10.00 a.m. Place: Office of the Deputy General Manager (Procurement), Olcott Mawatha, Colombo 10. Site visit will be on the same day after Pre-bid meeting.
ITB 19.2	The following information also shall be included in the inner covers of envelope marked as “Envelope 1- Preliminary Information”: (i) Schedule A 1, “Preliminary Information”; (ii) Schedule A 2, “Annual turn-over Information”; (iii) Schedule A 3 “Adequacy of Working capital”; (iv) Schedule A 4, “Construction experience in last five Years”; (v) Schedule A 5, “Design experience in last five Years”; (v) Schedule A 6, “Major items of construction equipment proposed”; The following information also shall be included in the inner covers of envelope marked as “Envelope 2- Design/Technical Proposal”: (i) Schedule B 1, “Comments and Suggestions on Employer’s Requirements”; (ii) Schedule B 2, “Contractor’s Proposal”; (iii) Schedule B 3, “Team composition and Task Assignment”; (iv) Schedule B 4, “Curriculum vitae of key staff”; (v) Schedule B 5, “Time Schedule for key staff”; (vi) Schedule B 6, “Work program (Design Related Activities)”; (vii) Schedule B 7, “Work program (Construction Related Activities)”; (viii) Schedule D1, “Details on Non-Performance Contract” (ix) Schedule D2, “Pending Arbitration & Litigation”

ITB 19.4	The following information also shall be included in the inner covers of envelope marked as “Envelope 3- Financial Proposal”: (i) Schedule C 1, “Price Schedule” (Activity 1,2,3); (ii) Schedule C 2, “Day work rates schedule”; (iii) Schedule C 3, “Overhead and profit percentage for Provisional Sum activities”; (iv) Schedule C 4, “Price Schedule- Summary”; (v) Schedule C 5, “Input Percentages for Price Adjustment Formula”;
ITB 19.5 (a)	Address for the purpose of Bid submission is: Address: The Chairman, Ministry Procurement Committee, Ministry of Transport, Highways and Urban Development, 7th Floor, Sethsiripaya, Stage 11 Battaramulla Sri Lanka
ITB 19.5 (b)	Contract name: RECONSTRUCTION OF THE SUPER STRUCTURE OF THE RAILWAY BRIDGES ON COASTAL LINE AT PINWATTA (19M 73CH) & INDURUWA (40M 79CH.) Contract No: SRS/F.8175

ITB 20.1	The deadline for submission of Bids shall be: Date: 25.08.2026 Time: 2.00 p.m. (Sri Lanka Standard Time) Address for submission of Bids: Address: The Chairman, Ministry Procurement Committee, Ministry of Transport, Highways and Urban Development, 7th Floor, Sethsiripaya, Stage 11 Battaramulla Country: Sri Lanka.
ITB 23.1	The bid opening shall take place at: Ministry Procurement Committee, Ministry of Transport, Highways and Urban Development, 7th Floor, Sethsiripaya, Stage 11 Battaramulla Date: 25.08.2026 Time: immediately after Bid closing
ITB 27	For evaluation and comparison of Bids Option A is selected.

ITB 27.4

The table shall be amended as follows;

Criteria		Maximum Points	Minimum Required
(i)	Specific experience of the Bidder or the composition of the design team related to the design of proposed work	15	05
(ii)	Overall compliance with the requirements of the Bidding Document	10	05
(iii)	Experience of the key members of the Design Team/ Experience of the Individual Consultant or Consultancy Firm	35	20
(iv)	Work Plan and Time Schedule	10	08
(V)	Preliminary Design Approach	30	13
Total		100	65

The Sub-Criteria given in ITB will be used in assigning points to (i),(ii),(iv) & (v).

Under item (iii) of above table, allocating maximum points for each design team member shall be as follows;

Senior Structural Design Engineer 20 points

Structural Design Engineer 15 points

ITB 28.1 (c)

Clause 28.1(c) modified as follows:

The amount stated in the Bid will be adjusted by the Employer in accordance with the above procedure for the correction of errors and, with the concurrence of the bidder, shall be considered as binding upon the bidder. If the bidder does not accept the corrected amount of Bid, his Bid will be rejected, and the Bid Security may be forfeited in accordance with Sub-Clause 16.6(b)

ITB 28.1 (d)

Sub-Clause 28.1(d) is deleted.

ITB 32.1	Performance Security shall be an on demand bank guarantee in the form of an unconditional and irrevocable bank guarantee issued by a bank recognized by the Central Bank of Sri Lanka accepted by the Employer in accordance with the format given in Section V (Standard Forms). Insurance Guarantee not accepted. The amount of Performance Security is 10% of the Initial Contract Price. The Performance Security shall be valid until 28 days beyond the defect's liability period. If the Performance Security furnished by the Bidder is issued by a bank located outside Sri Lanka, it shall have a correspondent Bank located in Sri Lanka, which is approved by the Central Bank of Sri Lanka, to make it enforceable.
ITB 34.1	The retention from each payment shall be 10 percent (10%) of certified work done excluding Schedule C1- Activity 1, Preliminaries. The limit of retention shall be five percent (5%) of the Initial Contract Price.
ITB 34.2	Five percent (5%) of initial contract price.

ITB 34.3

Add this new Sub Clause after Sub Clause 34.2:

Maximum payment for the design works will be 10% of the Design and Construction/Installation cost, quoted by the Bidder.

Threshold of Design Works and Construction/Installation Works are:

Output Category	Item in Section VIII- Schedules	Percentages of the Lump Sum Bid Price to be Apportioned to Contract Payments*
Construction/Installation Works	Schedule C-1, activity 3)/ [(Schedule C-1, activity 2) +(Schedule C-1, activity 3)]	90%
Design Works	(Schedule C-1, activity 2)/[(Schedule C-1, activity 2) +(Schedule C-1, activity 3)]	10%
* The percentages are of the contract price excluding the provisional sums.		

ITB 35.1

Deleted. Procedures for Adjudication and Arbitration are specified in the Conditions of Contract.

ITB 36**Add this new Sub Clause as new Clause after Clause 35: **Fraud and Corruption****

36.1 It is the Bank's policy to require that Borrowers (including beneficiaries of Bank loans), as well as bidders, suppliers, and contractors and their subcontractors under Bank-financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts.¹ In pursuance of this policy, the Bank:

(a) defines, for the purposes of this provision, the terms set forth below as follows:

(i) "corrupt practice"² is the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;

(ii) "fraudulent practice"³ is any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;

(iii) "collusive practice"⁴ is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;

(iv) "coercive practice"⁵ is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;

(v) "obstructive practice" is

(aa) deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or

(bb) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under sub-clause 36.1 (e) below.

ITB 36

- (b) will reject a proposal for award if it determines that the bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive or obstructive practices in competing for the contract in question;
- (c) will cancel the portion of the loan allocated to a contract if it determines at any time that representatives of the Borrower or of a beneficiary of the loan engaged in corrupt, fraudulent, collusive, or coercive practices during the procurement or the execution of that contract, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur;
- (d) will sanction a firm or individual, including declaring ineligible, either indefinitely or for a stated period of time, to be awarded a Bank-financed contract if it at any time determines that the firm has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive or obstructive practices in competing for, or in executing, a Bank-financed contract; and
- (e) will have the right to require that a provision be included in bidding documents and in contracts financed by a Bank loan, requiring bidders, suppliers, and contractors and their sub-contractors to permit the Bank to inspect their accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by the Bank.

36.2 Furthermore, bidders shall be aware of the provision stated in the Particular Conditions of Contract (PCC) Sub-Clauses 7.2 and 15.2 (g).

¹ *In this context, any action taken by a bidder, supplier, contractor, or a sub-contractor to influence the procurement process or contract execution for undue advantage is improper.*

² *“another party” refers to a public official acting in relation to the procurement process or contract execution]. In this context, “public official” includes World Bank staff and employees of other organizations taking or reviewing procurement decisions.*

³ *a “party” refers to a public official; the terms “benefit” and “obligation” relate to the procurement process or contract execution; and the “act or omission” is intended to influence the procurement process or contract execution.*

⁴ *“parties” refers to participants in the procurement process (including public officials) attempting to establish bid prices at artificial, non-competitive levels.*

⁵ *a “party” refers to a participant in the procurement process or contract execution.*

Section - III

CONDITIONS OF CONTRACT

Note :

Bidders are advised to refer Section III – Condition of Contract of Standard Bidding Document CIDA Publication No. – CIDA/SBD/04 –first edition- November 2002

Note:

Conditions of Contract shall be Read in Conjunction with Section IV-Contract Data in Volume 1B, which shall take precedence over the Condition of Contract

Section - IV

CONTRACT DATA

Note :

This section shall be read in conjunction with Section III- Conditions of Contract, and is intended to provide specific information in relation to corresponding Clauses in Section III. Whenever there is ambiguity, the provisions in Section IV-Contract Data shall supersede these provided in the Section III-Conditions of Contract.

Information Copy Not for Bidding

Sub Clause 1.1.2.2	Employer is: The General Manager, Sri Lanka Railways Address: : Sri Lanka Railways, Railway Headquarters, P.O.Box 1347, Olcott Mawatha, Colombo 10
Sub Clause 1.1.2.4	Engineer is Chief Engineer (Way & Works), Sri Lanka Railways Address: Chief Engineer (Way & Works) office, Sri Lanka Railways, No.01, D.R. Wijewardana Mawatha, Colombo 10.
Sub Clause 1.1.5.6	Sections of Works: Manufacturing, fabrication, assembling and launching of the superstructure.
Sub Clause 3.1	Engineer's Duties and Authority The Engineer shall obtain the specific approval of the Employer before taking action under the following Sub-Clauses of these Conditions: (a) consenting for the subletting of any part of the Works under Sub-Clause 4.4 ; (b) approving an extension of the Time for Completion, and/or any additional payment under Sub-Clause 19.1 (<i>Contractor's Claim</i>) issuing variation under Sub-Clause 13.1 (<i>Right to vary Employer's Requirement</i>), except in an emergency situation, as reasonably determined by the Engineer. (c) approving additional payment under Sub-Clause 13.3 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 responsibilities 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 13.3 and shall notify the Contractor accordingly, with a copy to the Employer.

Sub Clause 4.1	Schedule of Key Personnel: Names with qualifications and experience to be written: (a) Design Senior Structural Design Engineer Structural Design Engineer (b) Contract Administration Project Manager Site Engineer Quantity Surveyor Environmental and Safety Officer The Qualification and the experience of each of the officer is given in the Section VI-Employer's Requirement.
Sub Clause 4.2	Performance security shall be an unconditional bank guarantee issued by a bank recognized by the Central Bank of Sri Lanka accepted by the Employer in accordance with the format given in Section V (Standard Forms). Insurance Guarantee is not accepted. The amount of Performance Security is 10% of the Initial Contract Price. The Performance Security shall be valid until 28 days beyond the defect's liability period.

Sub Clause 7.2	Delete Clause 7.2 of Conditions of Contract and replace with the following 7.2.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the Contract Data (CC 7.3) 7.2.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place as specified in the Contract Data. Subject to CC Sub-Clause 25.1, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser. 7.2.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in CC Sub-Clause 25.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all travelling and board and lodging expenses. 7.2.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection. 7.2.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specification codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impede the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected. 7.2.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection. 7.2.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to CC Sub-Clause 7.2.4. 7.2.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to CC Sub-Clause 25.6, shall release the Supplier from any warranties or other obligations under the Contract 7.2.9 Reports of the tests carried out by the Inspectors must be made available to them immediately after the completion of the tests.
Sub Clause 7.3	Delete Clause 7.3 of Conditions of Contract and replace with the following The Pre shipment inspections and tests shall be applicable for Foreign Bidders only: a) Inspection shall be arranged by the Purchaser's representatives (here after called as 'Inspector') and inspection shall be carried out at the manufacturer's / supplier's premises. b) Inspector shall carry out all necessary tests to ensure the compatibility of the goods to the approved specification and the contract agreement.

	c) Where specified, the goods shall be inspected by the Inspector, who may approve or reject the goods, and if the goods are found defective or inferior in quality or differing in form or material from the requirements of the contract it may be completely rejected. The supplier shall, at his own expense and within the time for delivery specified in the contract, replace to the satisfaction of the Purchaser, the material so rejected. d) The Supplier shall notify the inspector in writing, with at least 30 calendar days of notice, of the date on which any of the supply will be ready for inspection. e) Where inspection of any of the goods, whether completed or in the course of production, is being performed at the manufacturer's premises, the manufacturer shall give the inspector access to the said premises as and when required and shall afford the representative all such reasonable facilities for examining, inspecting, testing and gauging such items and shall also supply free of charge such apparatus, materials, tools gauges, labour and assistance as may be required from time to time for the purpose of such examination, inspection, testing and gauging. f) If any of the goods, whether completed or in the course of production is rejected by the inspector, it shall be marked or segregated in such a manner, satisfactory to the inspector as to ensure its subsequent identification as rejected goods. When independent tests in addition to those made by the inspector on the manufacturer's premises are considered necessary, such tests will be made by the person appointed by the inspector. The supplier shall bear the cost of supply and carriage of samples. The cost of such additional tests will be borne by the Sri Lanka Government if such tests show the material to be in accordance with the specifications; otherwise, such cost shall be borne by the supplier. g) Until the inspector has given his certificate of approval, the supplier/ manufacturer shall not send forward for shipment any of the goods, and should any defect be discovered after dispatch from the manufacturer's goods, it shall be subject to and covered by the guarantee stipulated in Clause 4 of SCC hereof, notwithstanding any certificate or approval previously issued by the Inspector. h) The inspected and passed goods shall not be released for shipment until confirmation of the acceptance of the pre-shipment inspection certificate is obtained by the inspector from the Purchaser.
Sub Clause 8.2	The Time for Completion for the whole of Works shall be 273 days from the date of commencement.
Sub Clause 8.7	The Delay Damages for the whole of the Works shall be 0.05 percent (0.05%) of Initial Contract sum per Day. The maximum amount of Delay Damages for the whole of the Works shall be Five percent (5%) of the Initial Contract Price.
Sub Clause 11.1	Defects Notification Period is: 02 Years from Taking-over Certificate.

Sub Clause 12.1	Sub paragraphs (a), and (b) are amended, and Employer's obligations are limited as follows: Not Applicable
Sub Clause 13.7	Contract is not subjected to price adjustment for fluctuation of prices.
Sub Clause 14.1	The Works described below is to be paid according to quantity supplied or work done: Preliminary works of BOQ (Price Schedule C1- Activity 1 "Preliminaries" includes provisional sum items. Each provisional sum shall only be used, in whole or in part, in accordance with the Engineer's instructions, and the contract price shall be adjusted accordingly. The Contractor shall, when required by the Engineer, produce quotations, invoices, vouchers and accounts or receipts in substantiation for these items. Attending fee for PS items shall be 5% or 10% of these actual amounts to the Contractor as specified in Schedule 3, Section VIII-Schedules BOQ items under Schedule C2- Price Schedule for Day works will be for the quantity of the work accomplished at the rate in the Bill of Quantities for each item instructed to carry out as per the Engineer's instructions.
Sub Clause 14.2	The Sub Clause 14.2 will be replaced as follows; The Advance Payments shall be: 20 % of the initial Contract Price excluding Provisional Sums, Contingencies and Day works and shall be paid to the Contractor in the following two installments; Installment I: 10 % of the Initial Contract Price (Excluding Provisional Sums, Contingencies and Day Works) within 14 days after signing of Contract Agreement and submission of Advance Payment Guarantee. Installment II: 10% of the Initial Contract Price (Excluding Provisional Sums, Contingencies and Day Works) Submission of detailed design report to the Engineer, Submission of acceptable Work program, methodology, cash flow estimate and resource analysis. Advance payment Guarantee shall be an unconditional bank guarantee issued by a bank recognized by the Central Bank of Sri Lanka accepted by the Employer in accordance with the format given in Section V (Standard Forms). Insurance Guarantee not accepted.

	The advanced payment shall be repaid by deducting proportionate amounts from payments otherwise due to contractor, following the schedule of completed percentage of the Works on a payment basis. The advance payment shall be repaid in full when the total certified value of work reaches 80% of the initial contract price. No account shall be taken of the advance payment or its repayment in assessing valuation of work done, Variations, price adjustment, Compensation Events, Bonuses, or Liquidated Damages.												
Sub Clause 14.3 (c)	The retention from each payment shall be 10 percent (10%) of the Initial Contract Price excluding Activity 1: Preliminaries, Schedule C1-Price Schedule in Section VIII- Schedules. The limit of retention shall be 5 percent (5%) of the Initial Contract Price. At end of sub-clause 14.3 insert; The Contract Price shall be paid as specified in Annex A- Schedule of payments. Threshold of Design Works and Construction/Installation Works are: <table><tr><th>Output Category</th><th>Item in Table (b) (i) of the Financial Bid</th><th>Percentages of the Lump Sum Bid Price to be Apportioned to Contract Payments*</th></tr><tr><td>Construction Works</td><td>C-1, activity 3)/ (C-1, activity 2) + (C-1, activity3)</td><td>90%</td></tr><tr><td>Design Works</td><td>(C-1, activity 2)/(C-1, activity2) +(C-1, activity 3)</td><td>10%</td></tr><tr><td colspan="3">* The percentages are of the contract price excluding the provisional sums.</td></tr></table>	Output Category	Item in Table (b) (i) of the Financial Bid	Percentages of the Lump Sum Bid Price to be Apportioned to Contract Payments*	Construction Works	C-1, activity 3)/ (C-1, activity 2) + (C-1, activity3)	90%	Design Works	(C-1, activity 2)/(C-1, activity2) +(C-1, activity 3)	10%	* The percentages are of the contract price excluding the provisional sums.		
Output Category	Item in Table (b) (i) of the Financial Bid	Percentages of the Lump Sum Bid Price to be Apportioned to Contract Payments*											
Construction Works	C-1, activity 3)/ (C-1, activity 2) + (C-1, activity3)	90%											
Design Works	(C-1, activity 2)/(C-1, activity2) +(C-1, activity 3)	10%											
* The percentages are of the contract price excluding the provisional sums.													
Sub Clause 14.4	Minimum amount of Interim Payment Certificates shall be: 5 percent of the Initial Contract sum												

Sub Clause 14.6	Delete Clause 14.6 of Conditions of Contract and replace with the following If the Contractor does not receive payment in accordance with Sub- Clause 14.5 (Payment) the Contractor shall be entitled to receive financing charges compounded monthly on the amount unpaid during the period of delay. This period shall be deemed to commence on the date of payment specified in Sub- Clause 14.6 (Payment) irrespective (in the case of its sub paragraph (b)) of the date on which any Interim Payment Certificate is issued. Interest shall be calculated from the date by which the payment should have been made up to the date when the late payment is made at the rate of interest of 1% over and above the applicable Standing Lending Facility (SLF) Rate as published by the Central Bank of Sri Lanka.
Sub Clause 14.7	On reaching the limit of retention stated in Contract Data the Contractor may substitute full retention money with an unconditional guarantee acceptable to the Employer to a value equal to the full retention money, and valid up to 28 days beyond the end of Defect Notification Period. On receipt of such bank guarantee the Employer shall repay the full retention money. The guarantee will be released to the Contractor upon the certification of the Engineer that all Defects notified by the Engineer to the Contractor before the end of this period have been corrected.
Sub Clause 15.2	Add this new Sub Clause 15.2 (g) after Sub Clause 15.2 (f); (g) If the Contractor, in the judgment of the Employer, has engaged in corrupt or fraudulent practices in competing for or in executing the Contract, pursuant to GCC Clause 21.1.
Sub Clause 18.2	This Amount of insurance per occurrence is amended as: Not amended
Sub Clause 18.4	Professional Indemnity insurance for the design carried out by the Design Team of the Contractor shall be not less than LKR 25 million
Sub Clause 19.2, 19.3 19.6 (a)	Claims, Dispute and Arbitration <i>Delete Sub -Clause 19.1, 19.2, 19.3, 19.4 & 19.5 and replace with the following</i> <i>Contractor's Claim</i> If the Contractor considers himself to be entitled to any extension of the Time for Completion and/or any additional payment, under any Clause of these Conditions or otherwise in connection with the Contract, the Contractor shall give notice to the Engineer, describing the event or circumstance giving rise to the claim. The notice shall be given as soon as practicable as and not later than 28 Days after the Contractor became aware or should have become aware, of the event or circumstance.

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.

The Contractor shall also submit any other notices which are required by the Contract, and supporting particulars for the claim, all as relevant to such event or circumstance.

The Contractor shall keep such contemporary records as may be necessary to substantiate any claim, either on the Site or at another location acceptable to the Engineer. Without admitting the Employer's liability, the Engineer may, after receiving any notice under this Sub-Clause, monitor the record keeping and/or instruct the Contractor to keep further contemporary records. The Contractor shall permit the Engineer to inspect all these records, and shall (if instructed) submit copies to the Engineer.

Within 42 Days after the Contractor became aware (or should have become aware) of the event or circumstance giving rise to the claim, or within such other period as may be proposed by the Contractor and approved by the Engineer, the Contractor shall send to the Engineer a fully detailed claim which includes full supporting particulars of the basis of the claim and of the extension of time and /or additional payment claimed. If the event or circumstance giving rise to the claim has a continuing effect:

- (a) this fully detailed claim may be considered as interim;
- (b) the Contractor shall send further interim claims at monthly intervals, giving the accumulated delay and/or amount claimed, and such further particulars as the Engineer may reasonably require; and
- (a) the Contractor shall send a final claim within 28 Days after the end of the effects resulting from the event or circumstance, or within such other period as may be proposed by the Contractor and approved by the Engineer.

Within 42 Days after receiving a claim or any further particulars supporting a previous claim, or within such other period as may be proposed by the Engineer and approved by the Contractor, the Engineer shall respond with approval or with disapproval and detailed comments. He may also request any necessary further particulars, but shall nevertheless give his response on the principles of the claim within the above defined time period.

Any proposal requesting additional time to submit a detail claim shall not be unreasonably rejected by the Engineer or the Contractor as the case may be.

Within the above defined period of 42 Days, the Engineer shall proceed in accordance with Sub Clause 3.4 [Determinations] to agree or determine (i) the extension (if any) of the Time for Completion (before or after its expiry) in accordance with Sub Clause 8.4 [Extension of Time for Completion], and/or (ii) the additional payment (if any) to which the Contractor is entitled under the Contract.

If the Engineer does not respond within the time frame defined in this Clause, either Party may consider that the claim is rejected by the Engineer and any of the Parties may refer to the Dispute Board in accordance with Sub Clause 19.6 (d) (obtaining Dispute Board Decision)

19.6 (b)	Each Payment Certificate shall include such additional payment for any claim as have been reasonably substantiated as due under the relevant provision of the Contract. Unless and until the particulars supplied are sufficient to substantiate the whole of the claim, the Contractor shall only be entitled to payment for such part of the claim as he has been able to substantiate. If the Engineer does not respond as stated above, within the time frame defined in this Clause, in respect of a claim for additional payment, either Party may consider that the claim is rejected by the Engineer and any of the Parties may refer such claim to the Dispute Board in accordance with Sub-Clause 19.6(d) [Obtaining Dispute Board's Decision]. The requirements of this Sub-Clause are in addition to those of any other Sub-Clause which may apply to a claim. If the Contractor fails to comply with this or another Sub-Clause in relation to any claim, any extension of time and/or additional payment, shall take account of the extent (if any) to which the failure has prevented or prejudiced proper investigation of the claim, unless the claim is excluded under the second paragraph of this Sub-Clause. Appointment of the Dispute Board (DB) Disputes shall be referred to a DB for decision in accordance with Sub-Clause 19.6(d) (Obtaining Dispute Board's Decision). The parties shall make a joint appointment of the Dispute Board whenever a dispute is required to be referred to the DB. This appointment shall be made within 42 days after either party issues a notice to appoint the DB. The DB shall comprise three suitably qualified Adjudicator ["the members"], each of whom shall be fluent in the language for communication defined in the Contract and shall be a professional experienced in the type of construction involved in the Works / previous DB experienced in the Works of similar nature and with the interpretation of contractual documents. Each Party shall nominate one member for the information of the other Party. The first two members shall recommend and the Parties shall agree upon the third member, who shall act as the chairman. The DB agreement, between the Parties and either the sole member or each of the three members, shall comprise the General Conditions of Dispute Board Agreement contained in the Appendix to these General Conditions, with such amendments as are agreed between them. The terms of the remuneration of either the sole member or each of the three members, including the remuneration of any expert whom the DB consults, shall be mutually agreed upon by the Parties when agreeing the terms of appointment. Each Party shall be responsible for paying one-half of this remuneration. If at any time the Parties so agree, they may jointly refer a matter to the DB for it to give its opinion. Neither Party shall consult the DB on any matter without the agreement of the other Party. If a member declines to act or is unable to act as a result of death, disability, resignation or termination of appointment, a replacement shall be appointed in the same manner as the replaced person was required to have been nominated or agreed upon, as described in this Sub-Clause. The appointment of any member may be terminated by mutual agreement of both Parties, but not by the Employer or the Contractor acting alone. Unless otherwise
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	agreed by both Parties, the appointment of the DB [including each member] shall expire when the discharge referred to in Sub-Clause 14.11(Discharge) shall have become effective. 19.6 (c) Failure to Agree on the Composition of the Dispute Board If any of the following conditions apply, namely: (a) the Parties fail to agree upon the appointment of the DB by the date stated in the first paragraph of Sub-Clause 19.6 (b) [Appointment of the Dispute Board], (b) If either Party does not provide its agreement or rejection of a nominated member within 14 days of receiving a request from the other Party, for a Dispute Board consisting of three members, (c) the Parties fail to agree upon the appointment of the third member (to act as chairman) of the DB by within 14 days, (d) the Parties fail to agree upon the appointment of a replacement person the third member (to act as Chairman) of the DB by such date, or the Parties fail to agree upon the appointment of a replacement person within 42 Days after the date on which one of the three members declines to act or is unable to act as a result of death, disability, resignation or termination of appointment; The Institute of Engineers, Sri Lanka (IESL), as the appointing entity, shall upon the request of either or both of the Parties and after due consultation with both Parties, appoint this member(s) of the DB. This appointment shall be final and conclusive. Each Party shall be responsible for paying one-half of the remuneration of the appointing entity. 19.6(d) Obtaining Dispute Board's Decision If a dispute (of any kind whatsoever) arises between the Parties in connection with, or arising out of, the Contract or the execution of the Works, including any dispute as to any certificate, determination, instruction, opinion or valuation of the Engineer, either Party may refer the dispute in writing to the DB for its decision, with copies to the other Party and the Engineer. Such reference shall state that it is given under this Sub-Clause. For a DB of three persons, the DB shall be deemed to have received such reference on the date when it is received by the chairman of the DB. Both Parties shall promptly make available to the DB all such additional information, further access to the Site, and appropriate facilities as the DB may require for the purposes of making a decision on such dispute. The DB shall be deemed to be not acting as arbitrator(s). Within 84 Days after receiving such reference, or within such other period as may be proposed by the DB and approved by both Parties, the DB shall give its decision, which shall be reasoned and shall state that it is given under this Sub-Clause. The decision shall be binding on both Parties, who shall promptly give effect to it unless and until it shall be revised in an amicable settlement or in an arbitral award. Unless the Contract has already been abandoned, repudiated or terminated, the Contractor shall continue to proceed with the Works in accordance with the Contract. If either Party is dissatisfied with the DB's decision, then either Party may, within 28 Days
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	after receiving the decision, give a Notice of Dissatisfaction to the other Party indicating its dissatisfaction and intention to commence arbitration. If the DB fails to give its decision within the period of 84 Days [or as otherwise approved] after receiving such reference, then either Party may, within 28 Days after this period has expired, give a Notice of Dissatisfaction to the other Party and intention to commence arbitration. In either event, this Notice of Dissatisfaction shall state that it is given under this Sub-Clause, and shall set out the matter in dispute and the reason(s) for dissatisfaction. Except as stated in Sub-Clause 19.6 (h) [Failure to Comply with Dispute Board's Decision] and Sub-Clause 19.6(i) [Expiry of Dispute Board's Appointment], neither Party shall be entitled to commence arbitration of a dispute unless a Notice of Dissatisfaction has been given in accordance with this Sub-Clause. If the DB has given its decision as to a matter in dispute to both Parties, and no Notice of Dissatisfaction has been given by either Party within 28 Days after it received the DB's decision, then the decision shall become final and binding upon both Parties. 19.6(e) Amicable Settlement Where a Notice of Dissatisfaction has been given under Sub-Clause 19.6(d) above, both Parties shall attempt to settle the dispute amicably before the commencement of arbitration. However, unless both Parties agree otherwise, arbitration may be commenced on or after the fifty sixth day on which Notice of Dissatisfaction was given, even if no attempt at amicable settlement has been made. If amicable settlement has not been reached, and notice of arbitration has been given by either Party, arbitration shall commence in accordance with the provisions of section 18 of part V of the Arbitration Act No.11 of 1995 or any amendments thereof. 19.6(f) Arbitration Subject to complying with Sub-Clause 19.6(d) [Obtaining Dispute Board's Decision]; (a) any dispute of whatever nature arising from, out of or in connection with this agreement, on the interpretation thereof, or the rights duties, obligations or liabilities of any Party, or the operation, breach, termination, abandonment, foreclosure or invalidity thereof, shall be referred by either Party to arbitration for final settlement, in accordance with the Arbitration Act No. 11 of 1995, or any amendment thereof, (b) pending the award in any arbitration proceedings hereunder, (i) This Contract and the rights and obligations of the Parties shall remain in full force and effect, and (ii) Each of the Parties shall continue to perform their respective obligations under this Contract. The termination of this Contract shall not result in the termination of any arbitration proceedings pending at the time of such termination nor otherwise affect the rights and obligations of the Parties under or with respect to such pending arbitration.
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19.6(g) 19.6(h) 19.6(i)	Composition of the Arbitral Tribunal: The arbitral tribunal shall consist of a tribunal of three arbitrators unless otherwise stated in the Contract data, who shall be appointed in the manner provided in the Selection Procedure as given below. Selection Procedure: The procedure for selection of a three-member arbitral tribunal shall be in accordance with Arbitration Act No,11 of 1995 or any amendment thereof. In the case of a three-member arbitral tribunal, each Party shall nominate one member for the information of the other Party. These two members shall appoint the third member who shall act as the chairman of the tribunal. In the event of either Party failing to nominate a member and or the two members so nominated, fail to appoint the third member, then either Party may request one of the recognized arbitration centre in Sri Lanka as stated in the Contract Data to appoint such member or members whose appointment shall be final and conclusive. In the case of a sole arbitrator, the Party desiring arbitration shall nominate three arbitrators out of which one shall be selected by the other Party within 21 Days of the receipt of such nomination. If the other Party does not select one to serve as arbitrator within the stipulated period, then the Party desiring arbitration shall select one of the three arbitrators nominated by him whose appointment shall be final and binding. The Arbitration process shall be conducted in accordance with the Arbitration Act No.11 of 1995 or any amendment thereof. Venue & Language: The venue of arbitration shall be Sri Lanka. Unless otherwise agreed to by the Parties the proceedings shall be conducted and the award shall be rendered in the English Language. Failure to Comply with Dispute Board's Decision In the event that a Party fails to comply with a binding or final and binding DB decision, then the other Party may, without prejudice to any other right sit may have, refer the failure itself to arbitration under Sub-Clause 19.6(f) [Arbitration], Sub-Clause 19.6(d)[Obtaining Dispute Board's Decision] and Sub-Clause 19.6 (e)[Amicable Settlement] shall not apply to this reference. Expiry of Dispute Board's Appointment If a dispute arises between the Parties in connection with, or arising out of, the Contract or the execution of the Works and there is no DB in place, whether by reason of the expiry of the DB's appointment or otherwise: (a) Sub-Clause 19.6(d) [Obtaining Dispute Board's Decision] and Sub-Clause 19.6(e) [Amicable Settlement] shall not apply, and (b) the dispute may be referred directly to arbitration under Sub-Clause 19.6(f) [Arbitration].
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Sub Clause 21	Add this new Sub Clause 21: Fraud and Corruption 21.1 If the Employer determines that the Contractor has engaged in corrupt, fraudulent, collusive, coercive or obstructive practices, in competing for or in executing the Contract, then the Employer may, after giving 14 days' notice to the Contractor, terminate the Contractor's employment under the Contract and expel him from the Site, and the provisions of Clause 15 shall apply as if such expulsion had been made under Sub-Clause 15.2 [Termination by Employer]. 21.2 Should any employee of the Contractor be determined to have engaged in corrupt, fraudulent, collusive, coercive, or obstructive practice during the execution of the Works, then that employee shall be removed in accordance with Clause 6.8. 21.3 For the purposes of this Sub-Clause: (i) "corrupt practice"⁶ is the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party; (ii) "fraudulent practice"⁷ is any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation; (iii) "collusive practice"⁸ is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party; (iv) "coercive practice"⁹ is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party; (v) "obstructive practice" "is (aa) deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or (bb) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under Sub-Clause 7.2.
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	6 “another party” refers to a public official acting in relation to the procurement process or contract execution]. In this context, “public official” includes World Bank staff and employees of other organizations taking or reviewing procurement decisions. 7 a “party” refers to a public official; the terms “benefit” and “obligation” relate to the procurement process or contract execution; and the “act or omission” is intended to influence the procurement process or contract execution. 8 “parties” refers to participants in the procurement process (including public officials) attempting to establish bid prices at artificial, non-competitive levels. 9 a “party” refers to a participant in the procurement process or contract execution.
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Information Copy - Not for Bidding

Section - V

STANDARD FORMS (CONTRACT)

- *Bid Security (Form No.01)*
- *Non Collusion Declaration (02)*
- *Contract Agreement (Form No.03)*
- *Performance Guarantee (Form No.04)*
- *Advance Payment Guarantee (Form No.05)*
- *Retention Money Guarantee (Form No.06)*
- *Format for the Affidavit for the Current Contractual Commitments (Form No.07)*
- *Format for Letter from the Bank for Granting of a Revolving Line of Credit (Form No.08)*
- *Format for authorization letter from the bidder (Form No.09)*
- *Schedule of Payments (Form No.10)*

Notes:

The Bidders are advised to use the information printed in blue in this volume as a check list when submitting the bid. However, it is the responsibility of the bidders to comply with all the requirements given in the bidding document. Failure to noncompliance with any of them may be a reason for rejection of the bid.

Notes on Standard Forms

- * *Bidders shall submit the completed form of Bid Security/Bid Securing Declaration as appropriate in compliance with the requirements of the bidding documents.*
 - * *Bid Security shall strictly be in accordance with the attached formats in the Section-V, Standard Forms. If not, the Bid shall be rejected.*
 - * *Line of Credit shall strictly be in accordance with the attached formats in the Section-V, Standard Forms. If not, these completed forms will not be considered for evaluation.*
 - * *Bidders should not complete the Form of Agreement at the time of preparation of bids.*
 - * *The successful bidder will be required to sign the Form of Agreement, after the award of contract.*
 - * *Any corrections or modifications to the accepted bid resulting from arithmetic corrections, acceptable deviations, or quantity variations in accordance with the requirements of the bidding documents should be incorporated into the Agreement.*
 - * *The form of Performance Security, Form of Advance Payment Security and Form of Retention Money guarantee should not be completed by the bidders at the time of submission of bids.*
 - * *The successful bidder will be required to provide these securities in compliance with the requirements herein or as acceptable to the Employer.*
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FORM OF BID SECURITY**Form No.01**

[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
Sri Lanka Railways,
Railway Headquarters,
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 ‘ **Design and Reconstruction of the Superstructures of the Railway Bridges on Coastal Line at Pinwatta (19M 73Ch) & Induruwa (40M 79Ch.).**’ under **Contract No: SRS/F.8175**

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

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

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

This Guarantee shall expire:

- (a) if the Bidder is the successful bidder, upon our receipt of copies of the Contract signed by the
Bidder and of the Performance Security issued to you by the Bidder; or
- (b) if the Bidder is not successful bidder, upon the earlier of the successful bidder furnishing the
performance security, otherwise it will remain in force up to(insert date)

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

Signature and the Seal of the Guarantor:

Name of the Organization

Date:

Witness:

NON-COLLUSION DECLARATION

I, taking full responsibility for ensuring

I, the undersigned bidder/bidder's representative/bidder's agent, honestly, truthfully and solemnly declare that;

(a) I, nor any other member, agent or representative of the firm/ company/ corporation/partnership/sole proprietorship that I represent, have entered into any combination, collusion or similar agreement with any person in connection with the prices to be submitted by any person with respect to the invitation for bid;

(b) I, nor any person who represents me have acted to prevent any person from submitting a bid or to induce any person to refrain from submitting a bid in connection with the intention for bid (Bid No.....);

(c) This bid is not submitted in collusion with any other bid and is not made pursuant to any agreement, understanding or association with any other person in relation to such bid.

I declare that, I have not received and will not accept any discount, fee, reward commission or anything of value, directly or indirectly, from any person, company or corporation in connection with the submission of this bid.

I further declare that, I have not given and will not give any discount, fee, reward commission or anything of value, directly or indirectly, to any person, company or corporation in connection with the submission of this bid.

I, taking full responsibility for ensuring the absence of collusion, hereby pledge to abide by fair and ethical competitive practices throughout the entire procurement process and to fully comply with the relevant Procurement Guidelines issued by the National Procurement Commission.

I hereby declare that all the statements made by me above are true and correct.

.....

Signature of the Declarant

FORM OF CONTRACT 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 design and 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 design, 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 hereinafter referred to.
2. 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 design, execute and complete the Works and remedy any defects therein in conformity in all respects with the provisions of the Contract.
3. The Employer hereby covenants to pay the Contractor in consideration of the design, execute and complete the Works and remedy 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 first before written in accordance with their respective laws.

Authorized signature of Contractor

SEAL

Authorized signature of Employer

SEAL

In the presence of:

Witnesses :

1. Name and NICNo.

Signature

Address

2. Name and NICNo.

Signature

Address

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**FORM OF PERFORMANCE GUARANTEE
(Unconditional)**

NUMBER :

DATE :

SUM GUARANTEED :

To **General Manager, Sri Lanka Railways, Railway Headquarters, Olcott Mawatha, Colombo 10.**
Sri Lanka Railways, (hereinafter called and referred to as “the Employer”)

Whereas *[name and address of Contractor]* (hereinafter called and referred to as “the Contractor) has undertaken, in pursuance of contract No. dated to execute *[name of Contract]* (hereinafter called and referred to as “the Contract”);

AND WHEREAS it has been stipulated by the Employer in the said Contract that the Contractor shall furnish the Employer with a Guarantee issued by a recognized organization for the sum specified therein as security for compliance with its obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor such a Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of Rupees..... *[amount of guarantee]*
 *[amount in words]*, such sum being payable in the type and proportions of currencies in which the Contract Price is payable, and we undertake to pay the Employer, upon the Employer’s first written demand and without cavil or objection, any sum or sums within the said amount as aforesaid without the Employer’s needing to prove or to show grounds or reasons for the Employer’s demand for the sum specified therein.

We hereby waive the necessity of the Employer’s demanding the said debt from the contractor before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed thereunder or of any of the Contract documents which may be made between the Employer and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice or any such change, addition or modification.

This guarantee shall be valid until the date of issue of the Performance Certificate.

Signature and the Seal of the Guarantor :

Name of the Bank :

Address :

Date:

Witness :

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FORM OF GUARANTEE FOR MOBILIZATION ADVANCE PAYMENT

NUMBER : DATE :

SUM GUARANTEED :

To: **General Manager, Sri Lanka Railways,**
 (hereinafter called and referred to as “the Employer”)

Name of the Contract SRS/F.8175

In accordance with the provisions of the Conditions of Contract, of the above mentioned contract *[name and address of Contractor]* (hereinafter called and referred to as “the Contractor”) shall deposit with the Employer a bank guarantee to guarantee his proper and faithful performance under the said Contract in and amount of *[amount of guarantee]* *[amount in words]*

We, the *[name and address of the organization]*, as instructed by the contractor, agree unconditionally and irrevocably to guarantee as primary obligator and not as surety merely, the payment to the Employer on his first demand without whatsoever right of cavil and objection on our part and without the Employer’s needing to prove or to show grounds or reason for the Employer’s demand for the sums specified therein and without his first claim to the Contractor, in the amount not exceeding Rupees *[amount of guarantee]*... *[amount in words]* such amount to be reduced periodically by the amounts recovered by the Employer from the proceeds of the contract.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed thereunder or of any of the Contract document which may be made between the Employer and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice or any such change, addition or modification.

No drawings may be made by the Employer under this guarantee until we have received notice in writing from the Employer that an advance payment of the amount listed above has been paid to the Contractor pursuant to the Contract.

This guarantee shall remain valid and in full effect from the date of the advance payment received by the Contractor under the Contract until the Employer receives full repayment of the same amount from the Contractor.

Signature and the Seal of the Guarantor :

Name of the Bank :

Address.....

Date :

Witness :

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FORM OF RETENTION MONEY GUARANTEE

NUMBER : DATE :

SUM GUARANTEED :

To :, **Sri Lanka Railways**, “.....,
, **Sri Lanka** (hereinafter called and referred to as
 “the Employer”)

Whereas, it has been stipulated by the Employer in clause 14.7 of the Contract that he would release to the contractor the full sum mentioned under the contract in pursuance of clause 14.7, on the contractor furnishing an unconditional guarantee acceptable to the Employer to the full value of the retention money, valid up to 28 days beyond the end of the Defects Notification Period.

We..... *[name and address of the Guarantor]*

as instructed by the Contractor, unconditionally and irrevocably, guarantee to pay the Employer upon the Employer’s first written-demand and without cavil or objection, any sum or sums within the said amount as aforesaid without the Employer’s needing to prove or to show grounds or reasons for the Employer’s demand for the sum specified therein and the said amount of Rupees. *[amount of Guarantee]*.....*[amount in words]* in the event the contractor fails to carry out his obligations to rectify defects which he is responsible to rectify under the contract.

This guarantee shall be valid up-to.....*[date]*

Signature and Seal of the Guarantor

Name of Bank

Address

Date

Witness

FORMAT FOR THE AFFIDAVIT FOR THE CURRENT CONTRACTUAL COMMITMENTS

.....,

Sri Lanka Railways

In accordance with the Clause 4.2 of the Instructions to Bidders, I (We) declare that the outstanding Contract Commitments of..... (Name of the Bidder (s)) is as follows. I (We) further declare that all the outstanding contract commitments are listed below.

Specialty	Name of the Contract	Name of the Employer	Initial Contract Price /Accepted Contract Amount Rs.	Commencement date	Duration Days	Outstanding Work (Rs.)	Scheduled date of completion date
Highways*							
Bridges*							
Buildings*							
#							
Total							

.....
Signature of the Bidder

The foregoing Affidavit having been duly read over and explained by me to the Affirmant and he having understood the contents of same, signed before me at [Place], on this 2025 [date]

.....
Attorney at Law

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

Add additional specialty to include all the current projects

Note – if does not provide all contract commitment shall be treated as non-responsive according to the clause 3.3 of ITB

**FORMAT FOR LETTER FROM THE BANK FOR GRANTING OF A REVOLVING
LINE OF CREDIT**

FROM:

.....

.....

.....

TO :.....,

Sri Lanka Railways

.....

.....,

.....

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 execute ‘ **Design and Reconstruction of the Superstructures of the Railway Bridges on Coastal Line at Pinwatta (19M 73Ch) & Induruwa (40M 79Ch.)**.’under **Contract No: SRS/F.8175**

Dear Sir,

We (2)bankers of (3)hereby agree to grant revolving line of credit for an amount of Sri Lanka Rupees..... for the purpose of the execution of the

Civil Work Contracts under the Contract of execute ‘ **Design and Reconstruction of the Superstructures of the Railway Bridges on Coastal Line at Pinwatta (19M 73Ch) & Induruwa (40M 79Ch.)**.’under **Contract No: SRS/F.8175**

..... This revolving line of credit will be maintained until the works are taken over by the SLR.

Signature and the Seal of the Guarantor:

Name of the Organization

Date:

Witness:

Notes

(1) Name of Beneficiary / Bidder

(2) Name of Bank

(3) Name of Beneficiary / Bidder

(4) **No conditional line of credit will be accepted and any letter of line of credit, which has deviated from the specimen format, shall be treated as non – responsive.**

AUTHORIZATION LETTER FROM THE BIDDER
(Bidder shall fill this form and provide with the Bid)

FROM:

.....

.....

.....

TO:,

Sri Lanka Railways

.....

.....

.....

SUB : **Authorization to obtain references from any banks, financial institutions, audit firms, or any other relevant entities.**

Dear sir,

I hereby Authorize the Road Development Authority, on behalf of the Procurement Committee, to contact and obtain references *from any banks, financial institutions, audit firms, or any other relevant entities* (if required) to verify the accuracy of the documents and information submitted in order to evaluate financial status of our company M/S (Bidder's Name & address) in connections with the (Contract Name & Contract Number) bid, submitted by us.

Yours faithfully

.....
Authorized officer of the Bidder

NOTE: for each audited firm, bank or financial institutions separate letters should be submitted.

SCHEDULE OF PAYMENTS

The Contract Price shall be paid according to the following Schedule of Payments with appropriate deduction for repayment of the Advance Payment as per clause 14.2 [Advance Payment]

(a) Price Schedule C 1, Activity 1 – Preliminaries”

The payment will be made based on presentation, acceptance and certification of Interim Payment Applications by the Engineer. Given criteria in the particular specification should be satisfied:

(i) the Contractor’s Invoice (in accordance to Clause 14.3 [Application for Interim Payments])

(b) Price Schedule C1, Activity 2 – “Design”

95% of the amount in the BOQ item for “Design” against presentation of: Given criteria in the particular specification should be satisfied:

(i) the Contractor’s Invoice (in accordance to Clause 14.3 [Application for Interim Payments])

(ii) Copy of the Engineer’s certificate, stating that the Design Drawings has been approved.

05 % of the amount in the BOQ item for “Design” against presentation of: Given criteria in the particular specification should be satisfied:

(i) the Contractor’s Invoice (in accordance to Clause 14.3 [Application for Interim Payments])

(ii) Copy of the Engineer’s certificate, stating that the As Built Drawings has been approved.

(c) Price Schedule C1, Activity 3 – “of Reconstruction of Super Structure of Railway Bridges on Coastal Line At Pinwatta (19M 73Ch) & Induruwa (40m 79ch.)”

30% of the amount in the BOQ item for Reconstruction of Super Structure of Railway Bridges on Coastal Line At Pinwatta (19M 73Ch) & Induruwa (40m 79ch.)” against presentation of:

(i) the Contractor’s Invoice (in accordance to Clause 14.3 [Application for Interim Payments]) at the completion of “Supply Material for Steel structure” & “Completion of modification of substructure”.

30% of the amount in the BOQ item for Reconstruction of Super Structure of Railway Bridges on Coastal Line At Pinwatta (19M 73Ch) & Induruwa (40m 79ch.)” against presentation of:

(ii) the Contractor’s Invoice (in accordance to Clause 14.3 [Application for Interim Payments]) at the completion of Fabricating the steel truss structure.

20% of the amount in the BOQ item for Reconstruction of Super Structure of Railway Bridges on Coastal Line At Pinwatta (19M 73Ch) & Induruwa (40m 79ch.)” against presentation of:

- (iii) the Contractor’s Invoice (in accordance to Clause 14.3 [Application for Interim Payments]) at the completion of completion of Erection of the Truss.

15% of the amount in the BOQ item for Reconstruction of Super Structure of Railway Bridges on Coastal Line At Pinwatta (19M 73Ch) & Induruwa (40m 79ch.)”against presentation of:

- (iv) the Contractor’s Invoice (in accordance to Clause 14.3 [Application for Interim Payments] at the completion of completion Incidental works.

5% of the amount in the BOQ item for Reconstruction of Super Structure of Railway Bridges on Coastal Line At Pinwatta (19M 73Ch) & Induruwa (40m 79ch.)”against presentation of:

- (v) the Contractor’s Invoice (in accordance to Clause 14.3 [Application for Interim Payments] at the Total Completion of the work.

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Section- VI
EMPLOYER’S REQUIREMENT

1. Scope of Works.....
2. Programme of Works.....
3. Standard Specifications.....
4. Particular Specifications.....

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1. **Scope of Works**

1.1 **Introduction**

The Induruwa & Pinwatta Railway Bridges are situated on the Coastal Railway Line at Induruwa & Pinwatta, a small seaside towns in the Southern Province of Sri Lanka. It forms part of the Colombo–Beliatta railway network and plays a vital role in ensuring continuous rail connectivity along the southern coastal corridor. The bridge accommodates high-frequency commuter services, as well as long-distance passenger and freight operations, thereby contributing significantly to both urban mobility and national transportation connectivity.

The existing structures are steel truss bridge that has been in continuous service for several decades. Due to its exposure to an aggressive marine environment, the both bridges has experienced progressive structural deterioration over time, resulting in increased maintenance requirements.

The details of the existing bridge:

Google Coordination of the Location - Pinwatta - (6.6824672,79.9175369)

Google Coordination of the Location - Induruwa - (6.397024, 80.006428)



Induruwa



Pinwatta

In view of its strategic importance and aging condition, the both bridges has been identified for comprehensive reconstruction to ensure continued safe, reliable, and efficient railway operations.

The proposed project aims to replace the existing super structure (steel truss) with a modern, durable railway bridge designed in accordance with current railway standards and statutory requirements, capable of accommodating present and future operational demands.

Further to the above, the proposed reconstruction involves the installation of a plate girder superstructure on the existing substructure. Where necessary, substructure rectifications will also be carried out as part of the scope of works.

2. Programme of Works

The programme of work shall be divided into several steps and the required period for each step shall be detailed in order to complete the work in the given time; The total duration of design and construction shall be 09 months. Below mentioned Phases shall be clearly stated for the three work areas, namely:

Period 1

Investigations: Conduct the Investigation required and Submission of the Reports for review.

Design: Design of the works including submission of Design and Construction Documents for review

Period 2

The existing superstructure requires complete reconstruction and the contractor's scope includes removal of the existing super structure, design manufacturing fabrication, assembling and launching of new super structure,

Rail track will be closed for train operations for a maximum period of 5 days during the bridge launching.

The contractor shall do necessary modifications to the existing sub structures so that the existing rail track can be fixed on the new super structure.

The Contractor shall plan, schedule, and execute the works in such a manner as to minimize disruption to daily railway operations, Train commuters shall bare minimum disturbance from the constructions work and shall obtain all necessary approvals from the relevant railway authorities prior to commencement of each construction stage.

The contractor shall submit construction programme and method statements (including provision to continue train operations, safety arrangements) prior to commence any work and get consent of SLR.

The construction works shall be carried out in consultation with SLR to avoid the risk due to rail movements on other tracks. The Bidder/Contractor shall acquaint himself with all information required for preparation of the bid including the construction methodology, sequence of activities and all other information required to complete the Work within the given period.

The work shall include shifting of all utility services (If any) including r, electricity, telecom and waterlines; and the contractor shall coordinate with the respective agencies and the work could be executed (in whole or by parts) either by the contractor or by the respective agency or their representatives considering the requirements of the agency. The contractor shall coordinate all administrative agencies including Sri Lanka Police, Ceylon Electricity Board (CEB), Sri Lanka Telecom (SLT), National Water Supply and Drainage Board (NWS&DB), Irrigation Department, Sri Lanka Land Reclamations and Development Corporation (SLLRDC), Divisional Secretary and any other agency, if relevant. The contractor shall take

all necessary precautionary measures to avoid any damages to such utility services during his construction

work and the contractor will responsible for cost of reinstating or repairing any damages to such utilities.

The SLR is responsible for Supervision of Operation of railway (at site and at Control Center), Track removal and reconnection, Supervision of Track and Bridge for safety of train operation, signalling, cable protection, reconnection of track and signalling etc. In addition, SLR will extend other necessary support for the contractor to complete the construction as per the agreed schedules. Furthermore, SLR is responsible for provision of all safety instruction applicable to people working on railway Tracks to the contractor when the contractor requests.

The contractor shall be responsible for safety of equipment belong to railway within the construction site, workmen and the public; and the contractor shall take all precautionary measures to avoid any accidents or damages to such equipment, workmen and the public. The contractor is responsible to obtain necessary safety instructions from SLR and inform all his staff and sub-contractor staff. The contractor is responsible for implementing such safety measures, coordinate with SLR and Police etc.

Railway operations will be continued throughout the construction period. Therefore, always maintain maximum safety procedures to ensure the safety of the railway passengers and SLR properties. Safety barriers and caution signs should be displayed according to the safety standards acceptable by the Engineer.

Safety barriers and caution signs should be provided to ensure the safety of the commuters.

All the permanent and temporary structures should be with no interruption to the railway operations and ensure safety of railway commuter's and railway property. Maintain SLR provided vertical and horizontal clearance measures from the railway tracks to any permanent or temporary structure.

Continuous coordination should be maintained with railway appointed officer to ensure smooth execution of work of contractor and SLR. For that, the contractor shall appoint an officer, having experience in working in Railway Department

This shall commence after the Contractor's detailed designs have been approved by the Engineer.

Period 3

Defect Liability Period: It shall commence after the Completion of the work; the above periods may overlap as necessary.

2.1 Composition of Design Team

Item No	Position	Role, Education and Experience	
1	Senior Structural Design Engineer	Role	Managing and Engaging the detailed design process of the Bridge.
		Education	A Bachelor's Degree in Engineering (Civil) which is recognized by the Institution of Engineers, Sri Lanka (IESL) or similar qualifications recognized by the Institution of Engineers, Sri Lanka (IESL) for the award of Cooperate Membership and registration in Engineering Council, Sri Lanka (ECSL) as a Chartered Engineer, in accordance with Engineering Council Act No.04 of 2017 and MSc or PG Dip in Structural Design.
		Experience	At least 10year experience in designing of structures. He/she should have carried out designs within last 05 years, of at least one work of a nature and complexity equivalent to task of proposed work
2	Structural Design Engineer	Role	Engage in detailed design process of Sub structure, Super structure and other geological features of the site.
		Education	A Bachelor's Degree in Engineering (Civil) which is recognized by the Institution of Engineers, Sri Lanka (IESL) or similar qualifications recognized by the Institution of Engineers, Sri Lanka (IESL) for the award of Associate Membership and registration in Engineering Council, Sri Lanka (ECSL) as an Associate Engineer, in accordance with Engineering Council Act No.04 of 2017.

		Experience	At least 03-year experience in designing of Bridges. He/she should have carried out designs within last 03 years, of at least one work of a nature and complexity equivalent to task of proposed work.
3	Surveyor	Role	Engage in detailed survey process of the bridge, required to design process.
		Education	Bachelor's Degree in the Surveying or High National diploma in surveying by recognized Technical Institute. .
		Experience	At least 05-year experience in construction surveying for major infrastructure projects. Specially in Bridge survey.
4	Draftsman	Role	Engage in detailed preparations of Structural Drawing related to the bridge.
		Education	National Certificate / Diploma / Higher National Diploma (HND) in Civil Engineering Drafting or Engineering Drawing from a recognized technical institute
		Experience	At least 05-year experience in Draftsman in civil / structural infrastructure projects. Specially in preparation drawings of Bridges.

2.2 Composition of Construction Team

Item No	Position	Education and Experience	
1	Project Manager	Education	A Bachelor's Degree in Engineering (Civil) which is recognized by the Institution of Engineers, Sri Lanka (IESL) or similar qualifications recognized by the Institution of Engineers, Sri Lanka (IESL) for the award of Associate Membership and registration in Engineering Council, Sri Lanka (ECSL) as an Associate Engineer, in accordance with Engineering Council Act No.04 of 2017.
		Experience	At least 05 years' experience in works of an equivalent nature and volume ,including no less than three years as manager.
2	Site Engineer	Education	A Bachelor's Degree in Engineering (Civil) which is recognized by the Institution of Engineers, Sri Lanka (IESL) or similar qualifications recognized by the Institution of Engineers, Sri Lanka (IESL) for the award of Associate Membership and registration in Engineering Council, Sri Lanka (ECSL) as an Associate Engineer, in accordance with Engineering Council Act No.04 of 2017.
		Experience	At least 3 years of post-qualification in relevant field or equivalent qualifications
3	Quantity Surveyor	Education	A Bachelor's Degree in Quantity Surveying or similar qualifications recognized which is recognized by the IQSSL
		Experience	At least 1 year of post-qualification in relevant field or equivalent qualifications
4	Environmental & Safety Officer	Education	Bachelor's Degree in Science which is recognized by the University Grants Commission
		Experience	At least 1 year of post-qualification in relevant field or equivalent qualifications

5	Technical Officer	Education	Diploma / Higher National Diploma (HND) in Civil Engineering recognized by IIESL.
		Experience	At least 2 year of post-qualification in relevant field or equivalent qualifications
6	Site Supervisor	Education	Diploma in Civil Engineering recognized by technical institute.
		Experience	At least 2 year of post-qualification in relevant field or equivalent qualifications

2.3. Environmental Protection

The Contractor shall comply, and shall ensure that all Contract Personnel comply, with all applicable statutory requirements and regulations of the Democratic Socialist Republic of Sri Lanka relating to the handling, collection, transportation, storage, treatment, and disposal of waste and scheduled (special) waste arising from the Works.

In particular, the Contractor shall strictly comply with the provisions of the National Environmental Act and the regulations made thereunder, including but not limited to the National Environmental (Scheduled Waste Management) Regulations, and any subsequent amendments and guidelines issued by the Central Environmental Authority (CEA).

3. Standard Specification

The Standard General Specifications comprise the “CIDA/ICTAD Publication No –SCA/5, 2nd Edition, June 2009 Standard Specifications for Construction and Maintenance of Roads and Bridges”, published in Sri Lanka by the Construction Industry Development Authority(CIDA) formerly known as the Institute for Construction Training and Development (ICTAD).

These standard specifications are not attached with this bidding document and the bidder should obtain them from the following address:

Construction Industry Development Authority (CIDA)
“Savsiripaya”
123, Wijerama Mawatha
Colombo 07
Sri Lanka

And

Refer to

Road Maintenance Manual of RDA

Bridge Maintenance Manual of RDA

Highway Design Manual of RDA

Bridge Design Manual of RDA

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4.0 Particular Specification

CONTENT

**Section
No.**

Page

- | | |
|-------------------------------|-------|
| 1. Preliminaries | 63-65 |
| 2. Design Specifications | 66-71 |
| 3. Construction Specification | 72-82 |

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1. Preliminaries

1.1 Allow for Mobilization and Demobilization – P(001)

The Contractor shall make provision for mobilization and demobilization after the completion of works, of his temporary installation and facilities, including offices, accommodation, stores, workshops, equipment and restoring of temporary land. He shall provide and sanitary facilities on site, first aid, firefighting equipment, drinking water facilities, electricity and telephone for the duration of the Contract.

The contractor shall be responsible for the management and security of the Site and safety of public and adjoining property and shall be liable for any claims arising from loss or damage suffered. He shall employ suitable security personnel and establish a security system for this purpose.

All temporary accommodation shall be kept well maintained during the contract period and shall be available for inspection by the Engineer and/or Government Medical Officer of Health. The Contractor must comply immediately with any instruction given by the Engineer and/or Medical Officer for cleaning, disinfecting and maintenance of any building to return it to a hygienic and sanitary condition.

The Contractor shall confine his apparatus, the storage of materials and the operations of his workmen to the limits indicated by law, ordinance, permits, or direction of the Engineer. The Contractor shall erect temporary fences as required by the Engineer. The Site boundary lines shall be to the approval of the Engineer.

The Contractor shall implement his Environmental Management Action Plan accepted by the Engineer in compliance with the Environmental Management Plan given in Appendix A.1 of Section 6.6 of Part II and submit a monthly Monitoring Report. The contractor shall implement measuring of selected environmental parameters as given in the Environmental Monitoring Plan (EMOP) attached as Appendix A.2 of Section 6.6 of Part II.

a. Measurement

The Mobilization and Demobilization shall be measured as Lump Sums subjected to the provisions of environmental protection in compliance with EMP. All other costs will incur, other than the cost for mobilization and demobilization (such as salaries, wages, leasing, rentals and all other monthly maintenance costs) shall be included in to the Contractor's unit rates

b. Payment

The Contractor will be paid for the mobilization as identified in the Schedule of Personnel and Key Equipment as specified in the Contract, or substitute acceptable to the Engineer. Payment will become effective when Personnel listed under Section 6.4 of the Bidding Document are fully mobilized and appropriate mobilization of Key Equipment which is satisfactory to the Engineer. The last month payment of the item shall be released once the Contractor fully de-mobilized the facilities.

The Payment will be made as follows.

The major effects and their ratings are categorized as follows and the Lump Sum payment will be

calculated in accordance with the percentages of the completed components.

1. At the satisfactory completion of the mobilization – 60% of the Lump Sum
 - 1.1 Contractor's Personnel (Supplementary Information, Section 5) – 5%
 - 1.2 Contractor's Office – 5%
 - 1.3 Contractor's Accommodation – 5%
 - 1.4 Main Yard, Stores and Workshop – 15%
 - 1.5 Other yards to maintain material stocks – 10%
 - 1.6 Asphalt Equipment – 5%
 - 1.7 Minimum Key Equipment (Supplementary Information, Section 6.1 other than Asphalt Equipment) – 15%
2. At the satisfactory completion of the demobilization – 40% of the Lump Sum
 - 2.1 Contractor's Personnel (Supplementary Information, Section 5) – 2.5%
 - 2.2 Contractor's Office – 2.5%
 - 2.3 Contractor's Accommodation – 2.5%
 - 2.4 Restoring Main Yard, Stores and Workshop – 12.5%
 - 2.5 Restoring Other yards to maintain material stocks – 15%
 - 2.6 Asphalt Equipment – 2.5%
 - 2.7 Minimum Key Equipment (Supplementary Information, Section 6.1 other than Asphalt Equipment) – 2.5%

Add new Pay Items P (001)

Pay Item	Description	Pay Unit
P (001)	Mobilization and demobilization	Lump Sum

1.2 Facilities and Staff for the Engineer

The following facilities and services for the Engineer shall be provided by the Contractor:

- Office for the Engineer with equipment and furniture
- Supply and keep refurnished at all times all consumable items such as tea, coffee, milk, sugar, insecticides, first aid supply, potable water and so forth
- Vehicles (including drivers)
- Removal of facilities and equipment upon completion
- All necessary Personal Protective Equipment as required

All matters in respect of facilities or services shall be subject to the Engineer's formal approval. The Contractor shall submit details of all proposals prior to placing order or making any arrangements. All facilities and services shall be for the exclusive use of the Engineer and their staff during the period of the Contract and as further required to finalize measurement, payment etc. The Contractor shall provide the Office facilities and services as soon as is practical and not later than 14 days after the date of receipt of Letter of Acceptance. During the period prior to completion of construction or provision of the regular office accommodation the Contractor

shall provide fully functional office accommodation at a suitable location mutually agreed with the Engineer.

The Contractor shall provide the Engineer with staff to assist in the administration and supervision of the works. The staff provided shall be experienced and be capable of performing their allotted duties. The staff shall be nominated by the Employer and appointed by the Contractor. The Contractor shall ensure the continuity of the services of the selected personnel.

a. Measurement

Maintenance of each facility for the Engineer and his staff shall be measured as the number of months during which the maintenance for each facility is satisfactorily provided. Maintenance shall not be measured during any period occurring between the expiration of the contract period (including awarded Extension of Time – EOT) and the date the works are certified as complete. Measurement will be made for maintenance performed after the completion of the works, during the time the facilities are required by the Engineer's staff for post-construction contract completion activities.

b. Payment

the payment for maintenance for each facility for the Engineer and his staff shall include all labour, materials and equipment required for satisfactory maintenance of the facilities and shall include all other costs including but not limited to supply of electricity, water and telephone facilities, cleaning, guarding, disposal of rubbish, repairing equipment and all other work required to ensure the facilities and equipment provided are in good operational order.

The Contractor will be entitled to additional 5 % overhead and profit on top of the actual cost, on the payments which are made under Provisional Sum items.

Pay Item	Description	Pay Unit
P (003)	Provide an office for the Engineer	Month
P (004)	Maintain the Office for the Engineer	Month
P (005)	Provide furniture and equipment for the Engineer's office	Provisional Sum
P (006)	Provide Office Consumables for the Engineer	Month
P (007) 1	Clerk / Typist	Month
P (007) 2	Office Aid	Month
P (007) 3	Office Watcher	Month

2. Design Specifications

2.1 Bridge Design Parameter

2.1.1 Applied Standards

Design and calculation of the Pinwatta and Induruwa railway bridge will be based on BS 5400, British Standards for Design and Construction of Steel, Concrete and Composite Bridges and all relevant BS-Standards. In case of technical interpretations in addition to the BS-Standards the EN Standards and Specifications published by Institute for Construction Training and Development (ICTAD, Sri Lanka for Roads & Bridges (SCA/5) and Piling works (ICTAD/DEV/16), shall be used.

For material, welding processes the valid European EN and international ISO standards are used. In case of missing EN or ISO standards DIN or BS standards will be applied.

All designs will be reviewed by Engineer for the project to be appointed by SLR based on Standards mentioned above. If found non-compliance the design should be amended as per Engineer's comments in line with the Standards agreed.

2.1.2 Design Velocity

Maximum train velocity: 120 km/h

2.1.3 Train Load

Applicable train load is Type RU loading according to BS 5400 part 2, where Axle load should be 250 kN and UDL should be 80kN/m. Fatigue analysis to be based on BS 5400 Part 10, Medium Loading and Design speed Consider as 120km/h.

2.1.4 Traffic Type

Type of traffic class for fatigue assessment should be Medium.

2.2 Traffic Volume Per Year

Due to increasing traffic during the next years, the assumed traffic volume per year for fatigue assessment is based on 25 Mio. Tons.

2.2.1 Design Life

The design life for fatigue design should be assumed as 120 years.

2.3. Dynamic Effects

Dynamic effects should be taken into account for the design of members in all limit states ULS, SLS and FLS.

2.4 Deflection Requirements

The maximum vertical deflection due to train load should not exceed $\text{Span}/600$.

2.5 Wind Load

Mean hourly wind speed should be assumed as 33m/s (120 km/h.)

2.6 Temperature Load

The following temperature range will apply:

Mean temperature 25°C

Temperature range +15°C to + 50°C

2.7 Design Features of Superstructure

The existing superstructure is proposed to be reconstructed using a semi-through type steel structure.

The maximum vertical gap between top levels of rail bearers and cross girders is to be 75mm

Maximum spacing of cross girders is 5m

The connection between rail bearer and cross girder is pinned connection.

2.8 Foot Path

on one side of the bridge, a walking foot path to be provided

2.9 Bearings

All bearings of the bridge are mechanical bearings. (Elastomeric / pot bearing) complying to BS 5400-9.2 : 1983 or relevant Euro Code

2.10 Corrosion Protection

Corrosion Protection will consider atmospheric-corrosive category of C5-M (Marine, very high) according to EN ISO 12944-2: 1998.

(Metalized paint)

Four-layer coating system with 4 x 80 μm will be applied.

2.11 Drawings

The drawings included in these Bidding Documents are issued strictly for information purposes only and shall not be relied upon by the Bidder for design, coordination, or construction. To the extent that the Bidder adopts, uses, develops, or incorporates any layouts, designs, dimensions, specifications, or details shown in such drawings, the Bidder shall assume full and sole responsibility for their adequacy, accuracy, compliance with statutory and contractual requirements, and fitness for the intended purpose, without any liability to the Employer.

2.12 Structural Design Criteria

2.12.1 General

The structural analysis and design shall be based on relevant Sri Lankan, British Standard or any other acceptable International Standards and may use one of the computer packages “Prokon” , SAP2000 or any other acceptable package.

2.12.2 Design Standards.

- [BS 5400-1:1988](#) Steel, concrete and composite bridges. General statement.
 - [BS 5400-2:2006](#) Steel, concrete and composite bridges. Specification for loads.
 - [BS 5400-3:2000](#) Steel, concrete and composite bridges. Code of practice for design of steel bridges.
 - [BS 5400-4:1990](#) Steel, concrete and composite bridges. Code of practice for design of concrete bridges.
 - [BS 5400-6:1999](#) Steel, concrete and composite bridges. Specification for materials and workmanship, steel.
 - [BS 5400-7:1978](#) Steel, concrete and composite bridges. Specification for materials and workmanship, concrete, reinforcement and prestressing tendons.
 - [BS 5400-8:1978](#) Steel, concrete and composite bridges. Recommendations for materials and workmanship, concrete, reinforcement and prestressing tendons.
 - [BS 5400-9.1:1983](#) Steel, concrete and composite bridges. Bridge bearings. Code of practice for design of bridge bearings.
 - [BS 5400-9.2:1983](#) Steel, concrete and composite bridges. Bridge bearings. Specification for materials, manufacture and installation of bridge bearings.
 - [BS 8004 :1986](#) Code of practice for Foundation
 - [BS 8002: 1994](#) Code of practice for Earth retaining structures
 - Bridge Design Manual of RDA
-

2.12.3 Design Data

2.12.3.1 Properties of Concrete

Density of reinforced concrete	=	24	kN/m ³
Characteristic Strength of grade 50(20)			
Concrete at 28 days (f_{cu})	=	50	N/mm ²
Characteristic Strength of grade 50(20)			
Concrete at transfer stage 7 days (f_{ci})	=	36	N/mm ²
Characteristic Strength of grade 30(20)			
Concrete at 28 days	=	30	N/mm ²
Modulus of Elasticity of grade 50(20)			
Concrete	=	34	kN/mm ² (BS 5400 – 4 Table 3)
Modulus of Elasticity of grade 30(20)			
Concrete	=	27	kN/mm ²

2.12.3.2 Properties of Reinforcing Steel

Density of steel	=	78.5	kN/m ²
Characteristic Strength of mild steel	=	250	N/mm ²
Characteristic Strength of Tor steel	=	460	N/mm ²
Modulus of Elasticity of Steel	=	200	kN/mm ²

2.12.4 Loads and Loads Combinations

2.12.4.1. Permanent Loads

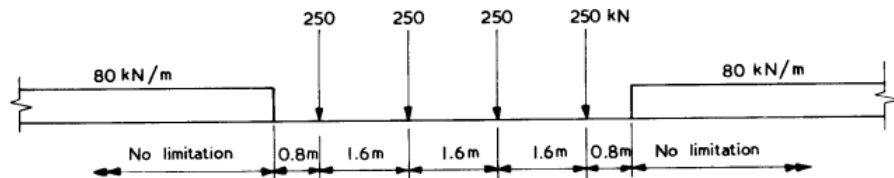
For Dead Load the unit weights as per the material properties shall be applied.

Other than the above, maximum of 500mm thick ballast load has been considered for the design.

2.12.4.2 Live Loads

2.12.4.2.1 Traffic loads

Type RU loading. Nominal type RU loading consists of four 250 kN concentrated loads preceded, and followed, by a uniformly distributed load of 80 kN/m.



The dynamic factor for RU loading applies to all types of tracks and shall be as given in Table below.

Dimension L	Dynamic factor for evaluating	
	bending moment	shear
m up to 3.6	2.00	1.67
from 3.6 to 67	$0.73 + \frac{2.16}{\sqrt{(L-0.2)}}$	$0.82 + \frac{1.44}{\sqrt{(L-0.2)}}$
over 67	1.00	1.00

2.12.4.2.2 Traction Force

Provision shall be made for the nominal loads due to traction and application of brakes as given in Table below.

Standard loading type	Load arising from	Loaded length	Longitudinal load
		m	kN
RU	Traction (30 % of load on driving wheels)	up to 3	150
		from 3 to 5	225
		from 5 to 7	300
		from 7 to 25	$24 (L-7) + 300$
		over 25	750
	Braking (25 % of load on braked wheels)	up to 3	125
		from 3 to 5	187
		from 5 to 7	250
		over 7	$20 (L-7) + 250$

2.12.4.2.3 Centrifugal and Other Transverse Forces

1. Where the track on a bridge is curved, allowance for centrifugal action of moving loads shall be made in designing the elements, all tracks on the structure being considered occupied. The nominal centrifugal load F_c , in kN, per track acting radially at a height of 1.8 m above rail level shall be calculated from the following formula.

$$F_c = \frac{P(v_t + 10)^2}{127r} \times f$$

where

P is the static equivalent uniformly distributed load for bending moment when designing for RU loading; for RL loading, a distributed load of 40 kN/m multiplied by L is deemed sufficient

r is the radius of curvature (in m)

v_t is the greatest speed envisaged on the curve in question (in km/h)

$$f = 1 - \left[\frac{v_t - 120}{1000} \right] \times \left[\frac{814}{v_t} + 1.75 \right] \times \left[1 - \sqrt{\frac{2.88}{L}} \right]$$

for L greater than 2.88 m and v_t less than 120 km/h

= unity for L less than 2.88 m or v_t less than 120 km/h

L is the loaded length of the element being considered.

2. Accidental load due to skidding on straight and curved bridges a single point load shall be considered in one notional lane only, acting in any direction on and parallel to, the surface of the highway. The nominal load shall be taken as 300 kN.

2.12.4.3 Live Load Surcharge

40 N/m² Live load will be considered for substructure design.

2.12.4.4 Load Combinations

Load combinations defined in Table 1 of BS 5400-2: 1978 will be applied for the design.

2.12.5 Analysis and Design of the Structure

2.12.5.1 Superstructure

Grillage analysis will be performed to find the design actions of the plate girder for the superstructure. The beam has been designed as per the guidelines given in the BS 5400-4:1990

2.12.5.2 Substructure

3D finite element model has been created using area element in SAP 2000 structural design software and analysis has been carried out to find the design actions of the abutments, pier and retaining walls.

The substructures have been designed as per the guidelines given in the BS 5400- 4:1990 (if necessary)

2.12.6 Alternative Design Standards.

European design standards with Sri Lankan National Annexes will be accepted. But, design criteria have to be submitted and approved before commencing the designs.

3.0 Construction Specifications

3.1 General Scope

3.1.1 General Work Scope

The Contract comprises of design, construction and completion of all civil engineering works.

The design, construct, test and complete of the railway bridge as specified, including provision of as built drawings;

The Contractor shall ascertain all local conditions relevant to the works and associated systems. The Contractor shall do and provide whatever is necessary to fulfil his obligations under the Contract and he shall also be responsible for all licenses and similar agreements, thereby assuming responsibility for the design and performance warranties.

All material items supplied and/or installed under the Contract shall be well coordinated and be compatible with each other. In designing the Works, the Contractor shall adopt layouts which will produce efficiency in operation and at the same time make reasonable allowance for optimizing the use of available land.

Construction documents including drawings, designs and design calculations and the like shall be submitted by the Contractor as required by the Employer's Requirements. The Contractor shall test, commission, operate and maintain all plant and equipment supplied and installed under the contract after demonstrating to the Employer that they perform to the specified standards. All staff, labor, materials, chemicals consumables, electrical power costs shall be provided by the Contractor during the period of testing, commissioning and operation & maintenance.

The constructor is required to submit a detailed design report and as-built drawings.

3.1.2 Employer's Drawings in Bidding Documents

The drawings included in these Bidding Documents are issued strictly for information purposes only and shall not be relied upon by the Bidder for design, coordination, or construction. To the extent that the Bidder adopts, uses, develops, or incorporates any layouts, designs, dimensions, specifications, or details shown in such drawings, the Bidder shall assume full and sole responsibility for their adequacy, accuracy, compliance with statutory and contractual requirements, and fitness for the intended purpose, without any liability to the Employer.

3.1.3 Standards

The Contractor shall be responsible for ensuring that his design and all the works comply with relevant standards, specifications, codes of practice and by-laws, specified in the Contract Document. For the purpose of interpretation and in case of contradiction the priority of documents shall be in accordance with the following sequence:

1. Standards and Specifications, detailed in the Contract Document
2. Standards and Specifications, published by the Construction Industry Development Authority (CIDA) (formerly known as Institute for Construction Training and Development - ICTAD).
3. Sri Lanka Standards, American Standards, European Standards, British Standards or any other international standards, published in English Language, and acceptable to the Employer, which are equal to or better. All relevant sections of the referred and applicable standards and specifications shall contain a copy of the English translation, which shall be accompanied with the bid

3.2 Site Specific Information

3.2.1 Topographical Survey

The Contractor shall be responsible for taking physical measurements of the existing substructures and carrying out the topographical survey (if necessary) to meet the relevant requirements and submit that to the Engineer for approval. The Contractor shall be responsible to verify such data to satisfy their design.

Further, the Contractor shall undertake utility surveys that may be required. The Contractor shall locate all existing services and identify any conflicts or problems prior to commencement of construction. The cost of acquiring additional topographical information shall be included in the bid price.

3.2.2 Liaison with Others

The Contractor shall be responsible for liaison with all relevant authorities including but not limited to Central Environmental Authority, water resources authorities, power authorities, local municipalities and ministries and for obtaining all approvals and consents necessary for executing the Works.

The Contractor shall, in consultation with the Engineer, arrange his construction programme so as to minimize inconvenience to the Employer, other government departments, other contractors and the public.

3.2.3 Access Route and Land for Construction

The Contractor shall make access routes available to the sites or temporary access without obstructing existing vehicular access and train operations and be responsible for the maintenance of access routes.

The Contractor shall bear all costs to be necessary to lease land for temporary access road or temporary parking area, if necessary, for construction works near the site.

The Contractor shall provide any signs or directions which he may consider necessary for the guidance of his staff, labor, vehicles, equipment and others. The Contractor shall obtain any permission that may be required from the relevant authorities for the use of such routes, signs

and directions.

The Employer will not be responsible for any claims which may arise from the use or otherwise of any access route after it has been handed over and accepted in writing by the Contractor.

Any damaged access routes due to operations of the contractor shall be reinstated by the Contractor to its original or better state.

3.2.4 Traffic Management and Construction Safety

Contractor's Traffic management and control operations shall comply with Manual on Traffic Control Devices Part II Road Works Areas Second Edition – Ministry of Transport and Road Development Authority.

Contractor shall obtain all necessary approvals from the appropriate authority having jurisdiction over the road, traffic police, and Engineer for, and prior approval to implementation of all traffic control operations. The Bidders are required to be fully familiarized with these requirements which shall be taken into consideration in the tender price.

Railway operations will be continued throughout the construction period. Therefore, always maintain maximum safety procedures to ensure the safety of the railway passengers and SLR properties. Safety barriers and caution signs should be displayed according to the safety standards acceptable by the Engineer.

Safety barriers and caution signs should be provided to ensure the safety of the commuters.

All the permanent and temporary structures should be with no interruption to the railway operations and ensure safety of railway commuter's and railway property. Maintain SLR provided vertical and horizontal clearance measures from the railway tracks to any permanent or temporary structure.

Continuous coordination should be maintained with railway appointed officer to ensure smooth execution of work of contractor and SLR. For that, the contractor shall appoint an officer, having experience in working in Railway Department.

3.2.5 Drainage issues to avoid flooding

The Contractor is responsible for taking precautionary actions to avoid any flooding due to construction activities.

3.2.6 Site Works

The site works shall be well drained and secure. As necessary the work shall include paved access roads, septic tank and site drainage, site lighting, perimeter fencing, access gates and landscaping. Secure fencing shall be provided for the whole of each site.

3.3 Samples, Testing, Photographs and Progress Meeting

3.3.1 Samples

The Contractor shall submit to the Project Manager as he may require samples of all materials and goods which he proposes to use or employ in or for the Works. Such samples, if approved, will be retained by the Project Manager and no materials or goods of which samples have been submitted, shall be used in the permanent Works unless and until such samples shall have been approved in writing by the Project Manager .

3.3.2 Progress Reports and Meetings

The Contractor shall submit to the Engineer during the first week of each month a progress report in a format, which is mutually agreed, indicating actual progress at the end of the preceding month, which could be compared with the Contractor's programme for the Works.

From time to time the Engineer will call meetings in his office or at the Contractor's office or at the Site, as he deems necessary for the purpose of control of the Contract. Authorized and responsible representatives of the Contractor such as Contractor's Representative / Construction Manager shall attend such meetings.

3.4 Environmental Safeguards

The Contractor has to carry out his construction work adhering to the prescribed environmental and social safeguards.

3.4.1 Dust Control

The Contractor shall prevent the blowing of dust and dirt generated by construction activities or vehicular traffic, over or onto adjacent or nearby developed areas. Dust control will consist of the following activities as appropriate:

- Stabilization with temporary vegetation
- Sprinkling with water from tanker trucks with spray attachment until the surface is sufficiently wetted to suppress dust.

The Contractor shall take particular care when using abrasive, grinding and cutting tools and air blasting equipment to ensure that resulting dust and other particles do not cause injury or damage. Personnel involved in such work shall be provided with protective clothing, breathing

apparatus and other devices as appropriate. The Contractor shall ensure that other persons do not enter areas where they may be affected by such activities.

The Contractor shall minimize the amounts of dust or other particles entering existing buildings, water treatment plant structures and plant areas and shall remove any such material and make good any associated damage before completing work in the areas affected.

3.4.2 Noise and Vibration Control

The Contractor shall comply with the noise control standards specified in the regulations of the National Environmental Act, which stipulates maximum permissible noise levels for construction sites as 75 dBA during day time and 50 dBA during night time, as measured at the border of the land where the noise source is located.

The Contractor shall avoid the use of heavy noise and vibration making diesel powered construction equipment for land preparation and clearing purposes. The Contractor shall ensure that engine noise control devices on construction equipment will be adequately maintained. The Contractor will provide all the construction workers with adequate hearing protection such as ear plugs or ear muffs in areas with noise levels exceeding 80 dBA.

The Contractor will undertake adequate measures to comply with vibration control standards specified in the interim standards proposed by the Central Environmental Authority in order not to cause any nuisance, trouble, and damage or health problems in the nearby community. It should be noted that the type of the structures and type of vibration shall be taken in to consideration while operating machineries, equipment and vehicles. In addition, the Contractor will carry out a building condition survey of all structures within a corridor of specific width from the construction site boundary and record any existing failures of the structures. The width of the corridor will be decided by the Contractor with the concurrence of the Project Manager.

The Contractor will carry out monitoring at the nearest vibration sensitive receptor during blasting/pilling or when other heavy machinery/equipment causing vibrations are used.

The Contractor shall provide working machinery and equipment with efficient noise suppression devices and all other noise and vibration abatement measures necessary for the protection of workers and the public.

3.4.3 Air Pollution Control

The Contractor shall minimize the generation of smoke, dust, vapor, noxious fumes and odors from transport and from construction materials, construction and other equipment by adopting best practices including usage of equipment which is in good condition and well maintained at all times during work under the contract. Suitable ventilation should be provided for underground construction site.

Burning of Materials - The Contractor shall not undertake any large scale burning of materials that result in production of toxic and noxious gases and fumes or other emissions which pose health hazard and nuisance to workers on the construction site and neighboring community.

Fugitive dust emission from vehicle/machinery and equipment movement shall be controlled by limiting the speed of haul trucks and application of water to construction site and haul roads in order to maintain the Suspended Particulate Matter (SPM) in the limit of $450 \mu\text{g}/\text{m}^3$ as per the regulations stipulated under the provisions of National Environmental Act (NEA) for Fugitive Dust Emission Standards (Interim Standards). Other air emissions should meet the under mentioned threshold limits set under the provisions of NEA for Air Pollution Control.

Carbon Monoxide (CO)/8hr.average time – $10,000 \mu\text{g}/\text{m}^3$

Nitrogen Dioxide (NO₂) /8hr.average time - $150 \mu\text{g}/\text{m}^3$

Sulfur Dioxide (SO₂) / 8hr.average time - $120 \mu\text{g}/\text{m}^3$

Regular maintenance of all ventilators and air contaminant control equipment, respiratory devices and monitoring instruments shall be carried out. The Contractor shall provide for the use of protective respiratory devices when the air quality exceeds the above threshold limits

3.4.4 Hazardous and Solid Waste Management

The Contractor shall provide rubbish collection bins at the site to avoid the proliferation of litter and construction waste and the potential for the escape of material off site. The Contractor shall ensure safe disposal of all construction waste and garbage from all sections of the construction site in accordance with local regulations.

The Contractor prior to the commencement of work shall provide a list of harmful hazardous and risky chemicals or material that will be used in the project work to the Engineer. The Contractor shall also provide the list of places where such chemicals, materials or their containers or other harmful material are being dumped as waste at the end of the project. Such disposal places shall be approved by the PMU/PM and/or the CEA/LA.

The Contractor shall ensure that the re-fuelling of heavy construction machinery is undertaken using a service vehicle to minimize risk of pollution, with appropriate procedures for disposal of surplus materials. The Contractor shall ensure that all chemicals are stored in appropriate chemical storage facilities such as storage tanks for bulk chemical and fuels and delivery containers for other chemicals. Suitable materials and coatings will be used for storage tank construction, based on the properties of each substance being stored.

All chemical storage and chemical feed areas will be surrounded by curbing to contain any leaks and spills that do occur. The curbed areas will be sized to hold the full contents of the largest single tank with the provision of a sump to allow pump out of any contained liquid.

3.4.5 Bridge Manufacturing Factory Acceptance Criteria

The factory which the bidder is proposed for manufacture the bridges shall manufacture least two similar bridge with in last ten years and comply with the following ISO standards .

Quick summary for a steel bridge factory

Area	ISO Standard	Why it matters
Quality system	ISO 9001:2015	Customer focus, process control, continuous improvement
Fabrication	ISO 17607-1:2023	Rules for cutting, welding, bolting, inspection of bridge steelwork
Welding	ISO 3834-2	Special process control for welds - bridges are fatigue sensitive
CE Marking	EN 1090-2, Class EXC4	Required for EU market. EXC4 = bridges
Materials	ISO 19427:2019	

3.4.6 Environmental Management Action Plan

The Contractor shall prepare a comprehensive Environmental Management Action Plan (EMAP) based on the environmental issues. It shall carry details of the nature and extent of the anticipated environmental/safety/health impacts caused by works and temporary works, proposed mitigatory measures and method and costs of implementing mitigatory measures (to be reflected in the BOQ). The EMAP should be supplemented with the safety plan .The EMAP should be submitted to the Environmental specialist/PMU through the Project Manager at the time of submission of detail drawings, and approved prior to commencement of any construction activity.

3.4.7 Underground & Overhead Utilities and Services

The Contractor shall obtain information concerning utilities have been during Design phase from the following organizations:

National Water Supply & Drainage Board (Water supply lines),

Ceylon Electricity Board (Electrical lines (HV & LV),

Sri Lanka Telecom (Telecommunication line),

The accuracy and adequacy of the information thus obtained needs to be verified using geophysical or other forms of surveys and trial pits.

The Contractor shall be responsible for determining the locations of any underground cables or

services at the Site of Works and for taking precautions to prevent damage or interruption to such utility services. Before commencing any designs, the Contractor shall make all necessary enquiries of relevant authorities and organizations and shall ascertain whether any power or telephone cables, or other service pipes have already been constructed in such area and shall thereafter carry out the excavations in such manner and sequence as the Project Manager directs.

If during the excavation, the Contractor's workmen uncover any cables or service pipes, work shall be stopped immediately, and the matter reported to the Project Manager and work shall not be recommenced until the Engineer has issued his instructions on the procedures to be followed.

The Contractor shall be responsible for safeguarding by means of temporary or permanent supports or other means as may be directed or approved by the Project Manager, all pipes, cables and other things which would be liable to suffer damage if such precautionary measures were not taken.

Information Copy - Not for Bidding

3.5 Social Safeguard Measures

The Contractor shall ensure that following Social Safety measures are taken into account and followed, during pricing of contractors Bid, Construction period and also during Defects Liability Period; whenever carrying out any defects rectification works.

The Contractor shall adhere to relevant labour laws of Sri Lanka (meeting minimum wages, equal wages for male & female workers, prevention of child labour etc.), minimize need for labour camps by recruiting local labour and maintain health and sanitation within labour camps.

The Contractor shall coordinate with the Engineer and arrange for temporary shifting and reinstating of utility services to be carried out without causing any undue inconveniences to public.

The Contractor's workshops, material storage areas and other working areas shall be fenced off from public. The Contractor shall ensure that heavy machinery and material hauling vehicles do not unduly obstruct private accesses, public roads.

When work is to be carried out in public areas such as roads, pedestrian walkways, playgrounds etc., The Contractor shall use barricade tape to prevent entry to such working areas and also erect suitable warning signs for the benefit of public.

The Contractor shall make all necessary arrangements to ensure that public in the surrounding areas are not inconvenienced by dust and noise due to construction work.

3.6 Safety

3.6.1 Safety Responsibility

The Contractor shall be solely responsible for the safe conduct of the Works. He shall ensure that all operations are carried out safely and that any person he makes responsible for the safe conduct of any part of the operations carries out his duties in a proper manner.

3.6.2 Contractor's Safety Procedures

Before commencing work on any site, the Contractor shall prepare a site safety plan for that site for approval by the Project Manager. The Contractor and any other persons engaged on work for this Contract shall be required to comply with the safety plan. A copy of the safety plan shall be supplied to the Contractor's Representative at that site and it shall be the Contractor's Representative's responsibility to ensure that all persons under his control read and follow the safety plan.

The Contractor shall also institute a safety training program on site upon commencing work to train all the workers in environmental, health and safety matters, including accident prevention, safe equipment handling practices in accordance with labor laws and their maintenance and upkeep.

3.6.3 Construction Safety Standards

The Contractor shall carry out all construction installation and commissioning activities in accordance with good safe working practice. In particular the Contractor shall comply with the requirements of the ICTAD Building Specification and the relevant Sri Lanka Standards.

3.7 Working Hours/Night work

Site working hours shall be from 8.00 am and 5.00 p.m. for six (6) days per week (Monday to Saturday). Working outside these hours shall only be carried out by prior arrangement and agreement with the Project Manager. These Working hours should comply with the peak hours stated under cl.2 Of section VI.

3.8 The Site

3.8.1 Site Land for Construction

The Employer will give the Contractor possession of the area of the Permanent Works and such other areas shown on the bidding document drawings as being available for the Contractor's use. Such possession may not be exclusive to the Contractor. The Contractor shall make his own arrangements for any other land required by him. The Contractor shall not use the Site for any purpose other than for carrying out the work required under this Contract.

3.8.2 Access to the Site

The Contractor shall arrange for, construct, maintain and afterwards hand over to the Employer on completion of the Contract (or, if directed by the Project Manager remove and reinstate) any temporary access required for and in connection with the execution of the Works. Reinstatement shall include restoring the area of the access route to at least the degree of safety, stability and drainage that obtained before the Contractor entered the Site.

Where operations are carried out on securely fenced land belonging to or under the control of the Employer, the Contractor shall ensure that the Employer's current security regulations are maintained. The Contractor shall ensure that all workmen leave the site on conclusion of their duties each day.

3.8.3 Temporary Works

Within a reasonable time (and in any case not less than twenty-one (21) calendar days) before he intends to commence construction of any of the Temporary Works the Contractor shall submit full particulars, including drawings, of the same for the approval of the Project Manager. The submission to and approval by the Project Manager of any such particulars shall not relieve the Contractor of his responsibility for the sufficiency of the Temporary Works or of his other duties and responsibilities under the Contract. The Contractor shall make safe and reinstate all areas affected by Temporary Works when they are removed.

3.8.4 Site to be Kept Tidy

Throughout the progress of his work, the Contractor shall keep the Site and all working areas in a tidy and workmanlike condition and free from rubbish and waste materials. Any Temporary Works, Constructional Plant, materials or other things which for the time being are not required for use by the Contractor may with the consent of the Project Manager be removed from the site but otherwise shall be dispersed about the Site in an orderly fashion and shall be properly and securely stored thereon.

3.8.5 Redundant Equipment

Redundant equipment including plant removed during the Works shall remain the property of the Employer and shall be moved by the Contractor to a storage area to be allocated on the site.

3.9 Reinstatement of Roads

Where the Works involve construction in or across public roads, the Contractor shall undertake, at his own cost, the temporary and permanent reinstatement of all such roads affected. The temporary and permanent reinstatement shall be in accordance with the specifications and requirements of the Roads Development Authority (RDA) or other authority responsible for the road concerned and must be completed on time prior to the Completion date to the approval of the RDA or other authority.

Section- VII
FORM OF BID,
FORM OF
DESIGN/TECHNICAL
PROPOSAL,
FORM OF PRICE PROPOSAL

Information Copy - Not for Bidding

FORM OF BID

1. NAME OF CONTRACT: **Design and Reconstruction of the Superstructures of the Railway Bridges on Coastal Line at Pinwatta (19M 73Ch) & Induruwa (40M 79Ch)**

Contract No: **SRS/F.8175**

To: **The Chairman,**

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.....

We have examined the Conditions of Contract, Employer's Requirements, Schedules and Addenda Nos. for the execution of the above-named Works. We accordingly offer to design, execute and complete the said Works and remedy any defects fit for the purpose, in conformity with the Bidding Documents and the enclosed Proposal, at the lump sum stated in the Form of Price Proposal included in a separate envelope and submitted with this bid, or other such sums as may be determined in accordance with the terms and conditions of the Contract.

We confirm that our bid includes this General Information, Price Proposal, and Design/Technical Proposal sealed under three separate envelopes.

We agree to abide by this Bid until **147 days from 25.08.2026** and it shall remain binding upon us and may be accepted at any time before that date.

We confirm that, we (including all members of a joint venture and subcontractors) are not associated, directly or indirectly, with the consultant or any other entity in preparation of the design, specifications, and other documents for the Contract.

If this offer is accepted, we will provide the specified Performance Security, commence the Works as soon as reasonably practicable after the Commencement Date, and complete the Works in accordance with the above-named documents within the Time for Completion. We will ensure that works will be done in conformity with the contract.

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.

We understand that you are not bound to accept the lowest offer or any other bid you may receive.

Signature of the persons duly authorized to sign documents for and on behalf of

Address:

Date:

FORM OF DESIGN/TECHNICAL PROPOSAL

1. NAME OF CONTRACT: Design and Reconstruction of the Superstructures of the Railway Bridges on Coastal Line at Pinwatta (19M 73Ch) & Induruwa (40M 79Ch)

Contract No. SRS/F.8175

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We have examined the Conditions of Contract, Employer's Requirements, Schedules, and Addenda Nos----- for the execution of the above-named Works.

We accordingly offer to design, execute and complete the said Works and remedy any defects, fit for purpose in conformity with these Bidding Documents and the enclosed proposal. We are hereby submitting our Bid, which includes this Design/Technical Proposal, General Information and a Financial Proposal sealed under a separate envelopes.

We understand that you are not bound to accept the lowest offer or any other bid you may receive.

Signature of the persons duly authorized to sign documents for and on behalf of

Address:

Date:

FORM OF PRICE PROPOSAL

NAME OF CONTRACT: **RECONSTRUCTION OF SUPERSTRUCTURE OF THE RAILWAY BRIDGES ON COASTAL LINE AT PINWATTA (19M 73CH) & INDURUWA (40M 79CH).**

Contract No. SRS/F,8175

To: **The Chairman,**

.....
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.....

We have examined the Conditions of Contract, Employer's Requirements, Schedules and Addenda Nos ----- for the execution of the above-named Works. We accordingly offer to design, execute and complete the said Works and remedy any defects fit for the purpose, in conformity with the Bidding Documents and the enclosed Proposal, for the fix lump sum of ----- or other such sums as may be determined in accordance with the terms and conditions of the Contract. The above amounts are in accordance with the Price Schedules herewith and are made part of this bid. We confirm that our bid includes this Price Proposal, Design/Technical Proposal, and General Information sealed under a separate envelopes.

We accept your suggestions for the appointment of the Adjudicator, as set out in Bidding Data.

We agree to abide by this Bid until **147 days from 25.08.2026** and it shall remain binding upon us and may be accepted at any time before that date.

We confirm that, we (including all members of a joint venture and subcontractors) are not associated, directly or indirectly, with the consultant or any other entity in preparation of the design, specifications, and other documents for the Contract.

If this offer is accepted, we will provide the specified Performance Security, commence the Works as soon as reasonably practicable after the Commencement Date, and complete the Works in accordance with the above-named documents within the Time for Completion. We will ensure that works will be done in conformity with the contract.

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.

We understand that you are not bound to accept the lowest offer or any other bid you may receive.

Signature of the persons duly authorized to sign documents for and on behalf of

Address:

Date:

* If the Bidder does not accept, this paragraph it may be deleted and replaced with:

We do not accept your suggestion for the appointment of the Adjudicator. We have included our suggestion in the Bid, but this suggestion is not a condition of this offer. If this suggestion is not acceptable to you, we propose that the Adjudicator be jointly appointed in accordance with Sub-Clause 35 of the Instructions to Bidders.

Information Copy - Not for Bidding

Section-VIII
SCHEDULES

Information Copy - Not for Bidding

Schedule A1 – Preliminary Information

(enclose this Schedule in the envelope marked, “Envelope 1 – General Information”)

(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

ITB Clause Reference	Description	Information To be filled by Bidder	Remarks
3.1	CIDA Registration		Provide legally certified copies and label as attachment to Clause 3.1
	Registration Number		
	Grade		
	Specialty		
	Expiry Date		
3.2	NCCASL Membership		Provide certified copies and label them as attachment to Clause 3.2
	Number		
	Expiry Date		
4.1 (a)	Legal Status		
	If a Joint Venture, names and addresses of Joint venture partners	1. ----- 2. ----- 3. -----	Provide a certified copy of the Joint Venture Agreement.
	If a Joint Venture, name of the Lead Partner		
	<i>For joint ventures, each joint venture partner shall furnish Legal Status separately</i>		
	Name (Lead partner)		Provide certified copies and label them as attachment to Clause 4.1 (a)
	Legal status		
	Place of registration		
	Principal place of business		
	Written power of attorney of the signatory to the Bid	Provide original or certified copy of the power of attorney attested by a Notary and label them as attachment to Clause 4.1 (a)	

	VAT Registration Number		
	Name (Partner 2)		Provide certified copies and label them as attachment to Clause 4.1 (a)
	Legal status		
	Place of registration		
	Principal place of business		
	Written power of attorney of the signatory to the Bid	Provide original or certified copy of the power of attorney attested by a Notary and label them as attachment to Clause 4.1 (a)	
	VAT Registration Number		
	Name (Partner 3)		Provide certified copies and label them as attachment to Clause 4.1 (a)
	Legal status		
	Place of registration		
	Principal place of business		
	Written power of attorney of the signatory to the Bid	Provide original or certified copy of the power of attorney attested by a Notary and label them as attachment to Clause 4.1 (a)	
	VAT Registration Number		

Schedule A2 – Annual Turn-over Information

(a) (Construction only – Last Ten years)

(enclose this schedule in envelope marked, “Envelope 1 – General Information”)

(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.

Year	Turn-over (LKR)	Remarks
2024/2025		Attach audited reports and label them as attachment to Clause 4.1 (c) (i) Every single page of the Audited financial statements shall be signed and sealed by respective auditor and the bidder.
2023/2024		
2022/2023		
2021/2022		
2020/2021		
2019/2020		
2018/2019		
2017/2018		
2016/2017		
2015/2016		
Average Annual Turnover Rs Mn		
Eligibility requirement satisfied/ not satisfied		

Schedule A3 – Adequacy of Working Capital <i>(enclose this schedule in envelope marked, “ Envelope 1 – General Information)</i> <i>If pre-qualification is done the bidders are required to include information subsequent to that submitted with the pre-qualification application</i>		
Source of credit line	Amount (LKR)	Remarks
		Provide documentary evidence and label them as attachment to Clause 4.1(c)(ii) Attach Revolving line of credit specifically for this project, if any (sample provided in the Form -08 of Section V)
Total		

<u>Schedule 3 - Financial Data</u> <u>(As per Latest Audited Financial Statement)</u>		<u>2024/2025</u> <u>LKR</u>
<u>1</u>	Current Assets	
<u>2</u>	Current Liabilities	
<u>3</u>	Working Capital(1-2)	
<u>4</u>	Works in hand	
<u>5</u>	Line of credit**	
<u>6</u>	Available Liquid Asset {3-(0.3)x4+5}* Eligibility requirement satisfied /not satisfied	

* This amount shall be not less than the amount given in clause 4.3 (g) of ITB.

** Line of credit if provided shall strictly be as per Form No. 08 provided.

*** Bidder available working capital should be equal to the 50% of minimum amount of liquid assets.

<u>Schedule 3 - Financial Data</u> <u>(As per Latest Audited Financial Statement)</u>		<u>2024/2025</u> <u>LKR</u>
1	Total Assets	
2	Total Liabilities -	
3	Total Net worth (1-2)	
	Total net worth (Positive/not positive)	

Information Copy - Not for Bidding

a) Schedule A4 – Construction Experience in last five years

(enclose this schedule in envelope marked, “ Envelope 1 – General Information)

- (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.*
- (iii) *List similar works first.*

Year	Employer	Description of Works	Amount (LKR)	Contractor's Responsibility (%)
		Total		

b) Schedule A5 – Design Experience in last five years

(enclose this schedule in envelope marked, “ Envelope 1 – General Information)

- (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.
- (iii) List similar works first.

Year	Employer	Description of Works	Amount* (LKR)	Responsibility (%)
		Total		

**Project Cost*

Schedule A6 – Major Items of Construction Equipment Proposed
(enclose this schedule in envelope marked, “Envelope I – General Information”)

[illegible][illegible][illegible]

Schedule B1 – Comments and Suggestions on Employer’s Requirements

(enclose this schedule in envelope marked, “Envelope 2–Design and Technical Proposal”)

Bidders may include observations made on Employer's Requirements and any suggestions for consideration.

c) Schedule B2 – Contractor’s Proposal

(enclose in envelope marked, “Envelope 2 – Design and Technical Proposal”)

Sheet 1 of

This schedule should be completed considering all the requirements given in the Employer’s Requirements, including design criteria, specifications and technical data. (use additional pages if necessary)

Schedule B3 – Team Composition and Task Assignment

(enclose this schedule in envelope marked, “Envelope 2 – Design and Technical Proposal)

A. Design Staff

Name	Position	Task

B. Construction Management

Name	Position	Task

Schedule B4 – Curriculum Vitae of Key Staff

(enclose Curriculum Vitae in envelope marked, “Envelope 2 – Design and Technical Proposal”)

Proposed Position:**Name of Staff:****Profession:****Date of Birth:****Membership in Professional Societies:****Detailed Tasks Assigned:****Key Qualifications:**

Give an outline of staff members experience most pertinent to tasks or assignment. Describe degree of responsibility held by staff member on relevant previous assignments and give dates and locations. Use half a page.

Education:**Employment Record:****Certification:**

I, the undersigned, certify that to the best of my knowledge and belief,, the information is correct.

Signature of staff member

Date

Schedule B5 – Time Schedule for Key Staff
(enclose this schedule in envelope marked, “Envelope 2 – Design and Technical Proposal)

	Months (in the Form of a Bar Chart)
--	-------------------------------------

[illegible]

Full-time:.....

Part-time:

.....

Schedule B6 – Work Program (Design Related Activities)

(enclose in envelope marked, “ Envelope 2 – Design and Technical Proposal)

[1st, 2nd, etc. are months from the Start Date.]

Design Activity

1st

2nd

3rd

4th

5th

6th

7th

8th

9th

10th

11th

12th

13th

14th

15th

Information Copy - Not for Bidding

Schedule B7 – Work Program (Construction Related Activities)

(enclose this schedule in envelope marked, “Envelope 2 – Design and Technical Proposal)

Sheet 1 of

[1st, 2nd, etc. are months from the Start Date.]

[illegible]

SCHEDULE C1 : PRICE SCHEDULE					
(enclose all price schedules in envelope marked, “Envelope 3 – Financial Proposal”) Sheet 1 of					
ACTIVITY 01 - PRELIMINARIES					
Item No	Sub Activity Description	Qty	Unit	Rate Rs.	Amount Rs.
1.1	Contractor's Facility				
1.1.1	Allow for Mobilization and Demobilization	Item	L.S.		
1.2	Employer's Facility				
1.2.1	Allow for Assistance from SLR for Safety & Operational arrangements	Item	P.S.		3,000,000.00
1.2.2	Provide and maintain Vehicle for the Employer	9	Veh. Month		
1.3	Engineer's Facility				
1.3.1	Provide Office for the Engineer	9	Month		
1.3.2	Maintain Office for the Engineer	9	Month		
1.3.3	Provide Furniture & equipment for the Engineer's Office	Item	P.S.		1,000,000.00
1.3.4	Office consumable for the Engineer	9	Month		
1.3.5	Engineer's Staff				
	1) Clerk/Typist (02 Nos.)	18	Month		
	2) Office Aide (02 Nos.)	18	Month		
	3) Office Watcher (02 Nos.)	18	Month		
	4) Technical Officers (02 Nos)	18	Month		
1.3.6	Provide and maintain Vehicle for the Engineer	9	Veh. Month		
1.4	Safety Measures				
1.4.1	Allow for safety of road users including barricading lighting, watching, traffic controlling, providing temporary sign boards & maintain existing road.	9	Month		

Item No	Sub Activity Description	Qty	Unit	Rate Rs.	Amount Rs.
1.5	Name Boards				
1.5.1	Provision of project name boards as directed by the Engineer	4	Nos.		
1.6	Bonds & Insuarance				
1.6.1	Provide all necessary bonds and insurance.	Item	L.S.		
1.7	Environmental Management				
1.7.1	Monitoring Environmental Quality Parameters and implementation of Environmental mitigation measures during construction	Item	P.S.		5,000,000.00
1.8	Shifting Utilities				
1.8.1	Shifting of Utility Services.	Item	P.S.		3,000,000.00
	Total for Activity 01 Carried to Summary				

SCHEDULE C1 : PRICE SCHEDULE**(enclose all price schedules in envelope marked, “Envelope 3 – Financial Proposal”)****Sheet 1 of****ACTIVITY 02- DESIGN**

Item No	Sub Activity Description	Amount
2.1	Survey and Investigation	
	Pinwatta Bridge	
2.2	Induruwa Bridge	
	Designing of Structure (Structural Designs, Geotechnical, Alignment and Pavement)	
	Pinwatta Bridge	
	Induruwa Bridge	
	Total for Activity 02 Carried to Summary	

SCHEDULE C1 : PRICE SCHEDULE		
(enclose all price schedules in envelope marked, “Envelope 3 – Financial Proposal”) Sheet 1 of		
ACTIVITY 03 - CONSTRUCTION OF THE SUPERSTRUCTURE OF THE RAILWAY BRIDGE ON COASTAL LINE AT PINWATTA (19M 73CH) & INDURUWA (40M 79CH.).		
Item No	Sub Activity Description	Amount
3.1	Removal of Existing Structures Removal and disposal of existing railway bridges (Induruwa & Pinwatta)	
3.3	Substructure Any modification to be done to existing sub structure where necessary. (Provisional Sum)	
	Pinwatta Bridge	10,000,000.00
	Induruwa Bridge	10,000,000.00
3.4	Super Structure Includes manufacturing fabricating, assembling, launching and placing the bridge. The deck is to be formed of with steel (S355) Built up Girders as main beams and standard rolled sections for other elements. All in accordance with the Employer’s requirements.	
	Pinwatta Bridge	
	Induruwa Bridge	
	Total for Activity 03 Carried to Summary	

SCHEDULE C2 : PRICE SCHEDULE					
(enclose all price schedules in envelope marked, "Envelope 3 – Financial Proposal") Sheet 1 of					
DAY WORKS					
Item No	Sub Activity Description	Qty	Unit	Rate Rs.	Amount Rs.
	<u>LABOUR</u>				
D.1	Unskilled labour	50	Days		
D.2	Semi skilled labour	25	Days		
D.3	Skilled labour	15	Days		
D.4	Mechanic	10	Days		
D.5	Driver	10	Days		
D.6	Semi skilled operator	25	Days		
D.7	Operator	15	Days		
D.8	Foreman	5	Days		
D.9	Surveyor	5	Days		
	<u>EQUIPMENT</u>				
D.10	Bulldozer	5	Hrs.		
D.11	Poker vibrator	10	Hrs.		
D.12	Tractor with Trailer	10	Hrs.		
D.13	Wheel Loader	5	Hrs.		
D.14	Hand Rammers	10	Hrs.		
D.15	Smooth Roller	10	Hrs.		
D.16	Concrete Mixer with load cell	10	Hrs.		
D.17	Steel Wheel Roller self - Propelled Static	10	Hrs.		
D.18	Water pump	50	Hrs.		

Item No	Sub Activity Description	Qty	Unit	Rate Rs.	Amount Rs.
D.19	Water Bowser	20	Hrs.		
D.20	Backhoe loader (JCB)	10	Hrs.		
D.21	Dump Truck	10	Hrs.		
D.22	Total for Activity 01 Carried to Summary Van or similar utility vehicle	150	Km		
D.23	Tipper Truck (Inclusive of return trip)	150	Km		
D.24	Tipper Truck (Inclusive of return trip)	150	Km		
D.25	Welding plant engine driven with welder	25	Hrs.		
D.26	Extractor (sheet pile)	15	Hrs.		
D.27	Hammer (Vibro electric)	15	Hrs.		
D.28	Generator	15	Hrs.		
D.29	Compressor	100	Hrs.		
D.30	Hand held breaker demolition	50	Days		
D.31	Mobile Crane	25	Hrs.		
D.32	Excavator (Crawler with breaker)	25	Hrs.		
	<u>MATERIALS</u>				
D.34	Structural Steel	2.5	Mt.		
D.35	Cement ordinary (50 kg bag)	10	Nos.		
D.36	Aggregate (19 mm)	10	Cu.m.		
D.37	Aggregate (37.5 mm)	10	Cu.m.		
D.38	Sand	30	Cu.m.		
	.				

Item No	Sub Activity Description	Qty	Unit	Rate Rs.	Amount Rs.
D.41	Aggregate Base Course (37.5 mm down graded)	20	Cu.m.		
D.42	Random Rubble (150-225 mm) (Excluding piling)	20	Cu.m.		
D.43	Reinforcement in bars Grade 250	1	Mt.		
D.44	Reinforcement in bars Grade 460	1	Mt.		
D.45	Timber Class II of Sri Lanka Timber Corporation or equivalent	2	Cu.m.		
D.46	Plywood (15 mm thick)	50	Sq.m.		
D.47	Diesel	80	Liter		
	Total for Day works Carried to Summary				

Schedule C3 – Percentage for Overheads and profits for Plant, Materials or services to be purchased by the Contractor (if any) under Provisional Sums, in accordance with Sub-Clause 13.4 of Conditions of Contract

(enclose this schedule in envelope marked, “Envelope 3 – Financial Proposal”)

Item Number (1)	Amount of Provisional Sum (Rs) (2)	Percentage (%) <i>(to be filled by the Employer)</i> (3)	Amount of Overhead and Profit <i>(to be filled by the bidder)</i> (4) = (2) * (3)/100
1.2.1	3,000,000.00	5	
1.3.3	1,000,000.00	10	
1.7.1	5,000,000.00	5	
1.8.1	3,000,000.00	5	
3.3	20,000,000.00	5	
Total Overheads and Profits carried to summary			

Schedule C4 – Price Schedule

(enclose this schedule in envelope marked, “ Envelope 3 – Financial Proposal”)

Sheet ... of

Summary

Activity No:	Activity description	Amount (Rs)
1	Preliminaries	
2	Design	
3	Construction of Railway Bridges	
4		
5		
6		
7		
8		
9		
	Any other activity (bidder to include)	
A		
B		
	Sub Total	
	Discounts	
	Add Day Work Schedule	
	Add overhead and Profits for Provisional Sums	
	Amount carried to Form of Bid	
	Add VAT	
	Total	

Schedule C5 – Input percentages for Price Adjustment Formula

(enclose this schedule in envelope marked, “ Envelope 3 – Financial Proposal”)

Input Name <i>(Include major materials below the list, together with percentages for all inputs)</i>		ICTAD Reference for Indices	Percentage <i>(percentages listed should added to 90.0)</i>
Major plant		P1	
Small equipment		P2	
Skilled Labour		L1	
Unskilled Labour		L2	
	Note: Required to fill by the bidder, only if the Contract Price is adjustable for fluctuation of prices		
		Total	90.0

Schedule No. D1 (a)

**Non-Performance Contracts – Notice to Correct
Issued**

[The following table shall be filled in for the Bidder and for each partner of a Joint Venture]

Date: _____

Contract No.: _____

Bidder's Legal Name:
Page _____ of _____

1. History of Non Performing Contracts – Notice to Correct Issued

Non-Performing Contracts		
Choose one of the following		
☐	Notice to Correct on the poor performance or similar notice as per the relevant COC has not been issued within last five years 28 Days prior to the date of Bid opening as specified in Section II, Bidding Data, sub clause 4.2 (h)	
☐	Notice to Correct on the poor performance or similar notice as per the relevant COC has been issued with in last five years 28 Days prior to the date of Bid opening and not in force as specified in Section II, Bidding Data, sub clause 4.2 (h)	
☐	Notice to Correct on the poor performance or similar notice as per the relevant COC has been issued within last five years 28 Days prior to the date of Bid opening and still in force as specified in Section II, Bidding Data, sub clause 4.2 (h)	
1	a. Contract Name b. Contract Number c. Name of Employer d. Address of Employer e. Engineer for the Contract f. Total Contract Amount Rs g. Date of issue Notice to Correct h. Time given to Correct	
2		

.....
Signature of the Bidder

The foregoing non performing contracts listed in schedule no. 11(a) having been duly read over and explained by me to the Affirmant and he having understood the contents of same, signed before me at [Place], on this2026 [date]

.....
Attorney at Law

Note – – if the bidder does not provide all non-performing contracts, his bid shall be treated as non – responsive according to the clause 3.3 of ITB

Schedule No. D1 (b)

Non-Performance Contracts – Terminated

[The following table shall be filled in for the Bidder and for each partner of a Joint Venture]

Date: _____

Contract No.: _____

Bidder's Legal Name: _____

Bidder's Party Legal Name: _____

1. History of Non Performing Contracts – Terminated Contracts

Non-Performing Contracts		
Choose one of the following		
Termination of contracts due to the Contractor's default did not occur within last five (5) years prior to 28.07.2026 (28 days Prior to Bid opening date) specified in Section II, Bidding Data, sub clause 4.2 (h)		
☐ Termination of Contracts due to the Contractor's default occurred within last five (5) years prior to 28.07.2026 (28 days Prior to Bid opening date) specified in Section II, Bidding Data, sub clause 4.2 (h)		
1.	a. Contract Name b. Contract Number c. Name of Employer d. Address of Employer e. Engineer for the Contract f. Total Contract Amount Rs g. Date of issue termination	
2.		

.....
Signature of the Bidder

The foregoing non performing contracts listed in schedule no. 11(b) having been duly read over and explained by me to the Affirmant and he having understood the contents of same, signed before me at

..... [Place], on this2026 [date]

.....
Attorney at Law

Note -- if the bidder does not provide all non-performing contracts, his bid shall be treated as non – responsive according to the clause 3.3 of ITB

Schedule No. D2
Pending Arbitration and Litigation

Bidder must fill out this form if so, required under Criterion 4.2 (i) of Section 2, Bidding Data to describe any pending Adjudication, litigation or arbitration formally commenced against it.

In case of a Joint Venture, each Joint Venture Partner must fill out this form separately and provide the Joint Venture Partner's name below:

Joint Venture Partner: _____

Pending Arbitration and Litigation	
Choose one of the following	
☐	No Pending Arbitration and Litigation in accordance with section II, Bidding Data, sub clause 4.2 (i)
☐	Below is a description of all pending Arbitration and Litigation in accordance with section II, Bidding Data, sub clause 4.2 (i)
1.	a. b. c. d. e. f. g. h. i. j. k. l. m. Contract name, Contract number Name of Employer Address of Employer Total Contract amount Rs Respondent Claimant Year of dispute Matter in dispute – (Briefly describe the main issues or nature of the dispute) Status of dispute -[Specify whether the dispute is under adjudication, arbitration, or court litigation (judiciary). Include the stage if relevant (e.g., "arbitration ongoing", "court case filed", "awaiting adjudicator's decision").] Amount of dispute resolved against the bidder Supporting documents if any Whether the dispute amount has been included or not included in financial statements
2.	

.....
Signature of the Bidder

The foregoing details in the schedule no. 12 having been duly read over and explained by me to the Affirmant and he having understood the contents of same, signed before me at.....[Place], on this 2026 [date]

.....
Attorney at Law

- Note**
1. If the bidder does not provide all pending adjudication, Litigation & Arbitration, his bid shall be treated as non-responsive according to the clause 3.3 of ITB.
 2. Each case should be filled separately.

Section-IX
DRAWINGS

Information Copy - Not for Bidding

List of Drawings

Item	Drawing Title	Drawing No
1	General Plan	SLR/SP/B/1638/1
2	General Details of Railway Bridge	SLR/SP/B/1638/2

Information Copy - Not for Bidding
