

ORIGINAL/DUPLICATE

SRS/F.8030

## **SRI LANKA RAILWAYS**

### **PROCUREMENT FOR THE SUPPLY, INSTALLATION, COMMISSIONING AND HANDING OVER OF 01 NO. OF CNC SURFACE WHEEL LATHE MACHINE FOR RAILWAYS**

BIDDING DOCUMENT ISSUED UP TO - **16/01/2025**

CLOSING /OPENING OF BIDS - **17/01/2025**

DOCUMENT NUMBER : .....

ISSUED TO:

M/s:.....

ADDRESS .....

.....

.....

.....

Amount Collected: Rs. 55,000.00

Receipt No: ..... of .....

DATE:.....

SIGNATURE OF ISSUING OFFICER

**PROCUREMENT FOR THE SUPPLY, INSTALLATION,  
COMMISSIONING AND HANDING OVER OF 01 NO. OF CNC  
SURFACE WHEEL LATHE MACHINE FOR RAILWAYS**

**INTERNATIONAL COMPETITIVE BIDDING DOCUMENT**

Single-Stage: Two-Envelope Bidding Procedure

**VOLUME 1**

**SECTION -I      INSTRUCTIONS TO BIDDERS (ITB)  
SECTION -VI    CONDITIONS OF CONTRACT (CC)  
SECTION -VIII   CONTRACT FORMS**

**VOLUME 2**

**SECTION II      BIDDING DATA SHEET (BDS)  
SECTION III    EVALUATION AND QUALIFYING CRITERIA  
SECTION IV      BIDDING FORMS  
SECTION V      SCHEDULE OF REQUIREMENTS  
SECTION VII    CONTRACT DATA  
INVITATION FOR BIDS**

**Department Procurement Committee (Major),  
Sri Lanka Railways,  
Olcott Mawatha,  
Colombo 10,  
Sri Lanka.**

# **VOLUME 1**

# Section I

## Instructions to Bidders (ITB)

ITB shall be read in conjunction with Section II, Bidding Data Sheet (BDS), which shall take precedence over ITB.

### General

- 1. Scope of Bid**
  - 1.1 The Purchaser indicated in the Bidding Data Sheet (BDS), issues these Bidding Documents for the supply of Goods and Related Services incidental thereto as specified in Section V, Schedule of Requirements. The name and identification number of this procurement are specified in the BDS. The name, identification, and number of lots (individual contracts), if any, are provided in the BDS.
  - 1.2 Throughout these Bidding Documents
    - (a) the term “in writing” means communicated in written form by mail (other than electronic mail) or hand delivered with proof of receipt;
    - (b) if the context so requires, “singular” means “plural” and vice versa; and
    - (c) “day” means calendar day.
- 2. Source of Funds**
  - 2.1 Payments under this contract will be financed by the source specified in the BDS.
- 3. Ethics, Fraud and Corruption**
  - 3.1 The attention of the bidders is drawn to the following guidelines of the Procurement Guidelines published by National Procurement Agency:

Parties associated with Procurement Actions, namely, suppliers/contractors and officials shall ensure that they maintain strict confidentiality throughout the process;

Officials shall refrain from receiving any personal gain from any Procurement Action. No gifts or inducement shall be accepted. Suppliers/Contractors are liable to be disqualified from the bidding process if found offering any gift or inducement which may have an effect of influencing a decision or impairing the objectivity of an official.
  - 3.2 The Purchaser requires the Bidders, Suppliers, Contractors, and Consultants to observe the highest standard of ethics during the procurement and execution of such Contracts.

In pursuit of this policy:

- (a) “Corrupt Practice” means the offering, giving, receiving, or soliciting directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;
- (b) “Fraudulent Practice” means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;
- (c) “Collusive Practice” means a scheme or arrangement between two or more bidders, with or without the knowledge of the Purchaser to establish bid prices at artificial, non-competitive levels; and
- (d) “Coercive Practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract.

3.3 If the Purchaser found any unethical practice as stipulated under ITB Clause 3.2, the Purchaser will reject the bid. If it is found that a Bidder directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practice in competing for the Contract in question.

#### **4. Eligible Bidders**

4.1 All bidders shall possess legal rights to supply the Goods under this contract.

4.2 A Bidder shall not have a conflict of interest. All bidders found to have conflict of interest shall be disqualified. Bidders may be considered to have a conflict of interest with one or more parties in this bidding process, if they:

- (a) are or have been associated in the past, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under these Bidding Documents ; or
- (b) submit more than one bid in this bidding process. However, this does not limit the participation of subcontractors in more than one bid.

4.3 Foreign Bidder may submit a bid only if so stated in the BDS.

#### **5. Eligible Goods and Related Services**

5.1 All goods supplied under this contract shall be complied with applicable standards stipulated by the Sri Lanka Standard Institute. (SLSI). In the absence of such standards, the Goods supplied shall be complied with other internationally accepted standards.

## Contents of Bidding Documents

**6. Section of Bidding Documents**

6.1 The Bidding Documents consist of 2 Volumes, which include all the sections indicated below, and should be read in conjunction with any addendum issued in accordance with ITB Clause 8.

**Volume 1**

- Section I. Instructions to Bidders (ITB)
- Section VI. Conditions of Contract (CC)
- Section VIII. Contract Forms

**Volume 2**

- Section II. Bidding Data Sheet (BDS)
- Section III. Evaluation and Qualification Criteria
- Section IV. Bidding Forms
- Section V. Schedule of Requirements
- Section VII. Contract Data
- Invitation for Bid

6.2 The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of the bid.

**7. Clarification of Bidding Documents**

7.1 A prospective Bidder requiring any clarification of the Bidding Documents including the restrictiveness of specifications shall contact the Purchaser in writing at the Purchaser's address specified in the BDS (ITB 7.1). The Purchaser will respond in writing to any request for clarification, provided that such request is received **not later than 14 days prior to the deadline for submission of bids**. The Purchaser shall forward copies of its response to all those who have purchased the Bidding Documents, including a description of the inquiry but without identifying its source. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB Clause 8.

**8. Amendment of Bidding Documents**

8.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum.

8.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have purchased the Bidding Documents.

8.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may, at its discretion, extend the deadline for the submission of bids, pursuant to ITB Sub-Clause 23.2

## **Preparation of Bids**

<b>9. Cost of Bidding</b>	9.1 The Bidder shall bear all costs associated with the preparation and submission of its bid, and the Purchaser shall not be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
<b>10. Language of Bid</b>	10.1 The Bid, as well as all correspondence and documents relating to the Bid (including supporting documents and printed literature) exchanged by the Bidder and the Purchaser, shall be written in English language.
<b>11. Documents Comprising the Bid</b>	11.1 The Bid shall comprise the following: <ul style="list-style-type: none"><li>(a) Bid Submission Form and the applicable Price Schedules, in accordance with ITB Clauses 12, 14, and 15; (Section 1.)</li><li>(b) Bid Security or Bid-Securing Declaration, in accordance with ITB Clause 20. (Section 1.)</li><li>(c) Documentary evidence in accordance with ITB Clauses 18 and 29 (Section 1).</li><li>(d) that the Goods and Related Services conform to the Bidding Documents;</li><li>(e) documentary evidence in accordance with ITB Clause 18 establishing the Bidder's qualifications to perform the contract if its bid is accepted; and</li><li>(f) any other document required in the BDS.</li></ul>
<b>12. Bid Submission Form and Price Schedules</b>	12.1 The Bidder shall submit the Bid Submission Form using the form furnished in Section IV, Bidding Forms. This form must be completed without any alterations to its format, and no substitutes shall be accepted. All blank spaces shall be filled in with the information requested
<b>13. Alternative Bids</b>	13.1 Alternative bids shall not be considered.
<b>14. Bid Prices and Discounts</b>	14.1 The Bidder shall indicate on the Price Schedule the unit prices and total bid prices of the goods it proposes to supply under the Contract.  14.2 Any discount offered against any single item in the price schedule shall be included in the unit price of the item. However, a Bidder wishes to offer discount as a lot the bidder may do so by indicating such amounts appropriately.  14.3 If so indicated in ITB Sub-Clause 1.1, bids are being invited for individual contracts (lots) or for any combination of contracts (packages). Unless otherwise indicated in the BDS, prices quoted shall correspond to 100 % of the items specified for each lot and to 100% of the quantities specified for each item of a lot. Bidders wishing to offer any price reduction (discount) for the award of more than one Contract shall specify the applicable price reduction separately.

	14.4	(i) Prices indicated on the Price Schedule shall include all duties and sales and other taxes already paid or payable by the Supplier:
		(a) on components and raw material used in the manufacture or assembly of goods quoted; or
		(b) on the previously imported goods of foreign origin.
		(ii) However, VAT shall not be included in the price but shall be indicated separately;
		(iii) the price for inland transportation, insurance and other related services to deliver the goods to their final destination;
		(iv) the price of other incidental services
	14.5	The Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account. A bid submitted with an adjustable price quotation will be treated as non-responsive and rejected, pursuant to ITB Clause 31.
	14.6	All lots, if any, and items must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items.
<b>15. Currencies of Bid</b>	15.1	Unless otherwise stated in Bidding Data Sheet, the Bidder shall quote in Sri Lankan Rupees and payment shall be payable only in Sri Lankan Rupees.
<b>16. Documents Establishing the Eligibility of the Bidder</b>	16.1	To establish their eligibility in accordance with ITB Clause 4, Bidders shall complete the Bid Submission Form, included in Section IV, Bidding Forms.
<b>17. Documents Establishing the Conformity of the Goods and Related Services</b>	17.1	To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section V, Schedule of Requirements.
	17.2	The documentary evidence shall be in the form of literature, drawings or data, and shall consist of a detailed item by item description (given in Section V, Technical Specifications) of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Schedule of Requirements.
	17.3	The Bidder shall also furnish a list giving full particulars, including quantities, available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period if specified in the BDS following commencement of the use of the goods by the Purchaser.

<b>18. Documents Establishing the Qualifications of the Bidder</b>	<p>18.1 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction:</p> <ul style="list-style-type: none"> <li>(a) A Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods;</li> <li>(b) that, if required in the BDS, in case of a Bidder not doing business within Sri Lanka, the Bidder is or will be (if awarded the contract) represented by an Agent in Sri Lanka equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications; and</li> <li>(c) that the Bidder meets each of the qualification criteria specified in Section III, Evaluation and Qualification Criteria.</li> </ul>
<b>19. Period of Validity of Bids</b>	<p>19.1 Bids shall remain valid until the date specified in the BDS. A bid valid for a shorter date shall be rejected by the Purchaser as Non Responsive.</p> <p>19.2 In exceptional circumstances, prior to the expiration of the bid validity date, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a Bid Security is requested in accordance with ITB Clause 20, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid.</p>
<b>20. Bid Security</b>	<p>20.1 The Bidder shall furnish as part of its bid, a Bid Security or a Bid-Securing Declaration, as specified in the BDS.</p> <p>20.2 The Bid Security shall be in the amount specified in the BDS. and denominated in Sri Lankan Rupees, and shall:</p> <ul style="list-style-type: none"> <li>(a) at the bidder's option, be in the form of a bank guarantee from a banking institution;</li> <li>(b) be issued by an institution acceptable to the Purchaser. The acceptable institutes are published in the Public Finance Website.</li> <li>(c) be substantially in accordance with the form included in Section IV, Bidding Forms.</li> <li>(d) be payable promptly upon written demand by the Purchaser in case the conditions listed in ITB Clause 20.5 are invoked;</li> <li>(e) be submitted in its original form. Copies will not be accepted.</li> <li>(f) Remain valid for the period specified in the BDS.</li> </ul>

20.3 Any bid not accompanied by a substantially responsive Bid Security or Bid Securing Declaration in accordance with ITB Sub-Clause 20.1 and 20.2, may be rejected by the Purchaser as non-responsive.

20.4 The Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's furnishing of the Performance Security pursuant to ITB Clause 43.

20.5 The Bid Security may be forfeited or the Bid Securing Declaration executed:

- (a) if a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bid Submission Form, except as provided in ITB Sub-Clause 19.2; or
- (b) if a Bidder does not agree to correction of arithmetical errors in pursuant to ITB Sub-Clause 30.3
- (c) if the successful Bidder fails to:
  - (i) sign the Contract in accordance with ITB Clause 42;
  - (ii) furnish a Performance Security in accordance with ITB Clause 43.

**21. Format and Signing of Bid**

21.1 The Bidder shall prepare one original of the documents comprising the bid as described in ITB Clause 11 and clearly mark it as "ORIGINAL." In addition, the Bidder shall submit a copy of the bid and clearly mark it as "COPY." In the event of any discrepancy between the original and the copy, the original shall prevail.

21.2 The original and the Copy of the bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder.

21.3 Any interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Bid.

**22. Submission, Sealing and Marking of Bids**

22.1 Bidders may always submit their bids by mail or by hand.

- (a) Bidders submitting bids by mail or by hand, shall enclose the original and the copy of the Bid in separate sealed envelopes, duly marking the envelopes as "ORIGINAL" and "COPY." These envelopes containing the original and the copy shall then be enclosed in one single envelope.

	22.2	The inner and outer envelopes shall:
	(a)	Bear the name and address of the Bidder;
	(b)	be addressed to the Purchaser in accordance with ITB Sub-Clause 23.1;
	(c)	bear the specific identification of this bidding process as indicated in the BDS; and
	(d)	bear a warning not to open before the time and date for bid opening, in accordance with ITB Sub-Clause 26.1.
		If all envelopes are not sealed and marked as required, the Purchaser will assume no responsibility for the misplacement or premature opening of the bid.
<b>23. Deadline for Submission of Bids</b>	23.1	Bids must be received by the Purchaser at the address and no later than the date and time specified in the BDS.
	23.2	The Purchaser may, at its discretion, extend the deadline for the submission of bids by amending the Bidding Documents in accordance with ITB Clause 8, in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.
<b>24. Late Bids</b>	24.1	The Purchaser shall not consider any bid that arrives after the deadline for submission of bids, in accordance with ITB Clause 23. Any bid received by the Purchaser after the deadline for submission of bids shall be declared late, rejected, and returned unopened to the Bidder.
<b>25. Withdrawal, and Modification of Bids</b>	25.1	A Bidder may withdraw, or modify its Bid after it has been submitted by sending a written notice in accordance with ITB Clause 22, duly signed by an authorized representative, and shall include a copy of the authorization in accordance with ITB Sub-Clause 21.2, (except that no copies of the withdrawal notice are required). The corresponding substitution or modification of the bid must accompany the respective written notice. All notices must be:
	(a)	submitted in accordance with ITB Clauses 21 and 22 (except that withdrawal notices do not require copies), and in addition, the respective envelopes shall be clearly marked “WITHDRAWAL,” or “MODIFICATION;” and
	(b)	Received by the Purchaser prior to the deadline prescribed for submission of bids, in accordance with ITB Clause 23.
	25.2	Bids requested to be withdrawn in accordance with ITB Sub-Clause 25.1 shall be returned to the Bidders only upon notification of contract award to the successful bidder in accordance with sub clause 41.1.

25.3 No bid may be withdrawn, substituted, or modified in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Bid Submission Form or any extension thereof.

## **26. Bid Opening**

26.1 The Purchaser shall conduct the bid opening in public at the address, date and time specified in the BDS (ITB 26.1).

26.2 First, envelopes marked “WITHDRAWAL” shall be opened and read out and the envelope with the corresponding bid may be opened at the discretion of the Purchaser. No bid withdrawal shall be permitted unless the corresponding withdrawal notice contains a valid authorization to request the withdrawal and is read out at bid opening. Envelopes marked “MODIFICATION” shall be opened and read out with the corresponding Bid. No Bid modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and is read out at Bid opening. Only envelopes that are opened and read out at Bid opening shall be considered further.

26.3 All other envelopes shall be opened one at a time, reading out: the name of the Bidder and whether there is a modification; the Bid Prices, including any discounts and alternative offers; the presence of a Bid Security or Bid-Securing Declaration, if required; and any other details as the Purchaser may consider appropriate. Only discounts and alternative offers read out at Bid opening shall be considered for evaluation. No Bid shall be rejected at Bid opening except for late bids, in accordance with ITB Sub-Clause 24.1.

26.4 The Purchaser shall prepare a record of the Bid opening that shall include, as a minimum: the name of the Bidder and whether there is a withdrawal, or modification; the Bid Price, per lot if applicable, including any discounts, and the presence or absence of a Bid Security or Bid-Securing Declaration. The bids that were opened shall be resealed in separate envelopes, promptly after the bid opening. The Bidders’ representatives who are present shall be requested to sign the attendance sheet. A copy of the record shall be distributed to all Bidders who submitted bids in time.

## **Evaluation and Comparison of Bids**

## **27. Confidentiality**

27.1 Information relating to the examination, evaluation, comparison, and post-qualification (if applicable) of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until publication of the Contract Award.

27.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post-qualification of the bids or contract award decisions may result in the rejection of its Bid.

27.3 Notwithstanding ITB Sub-Clause 27.2, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, from the time of bid opening to the time of Contract Award, it should do so in writing.

28. <b>Clarification of Bids</b>	28.1 To assist in the examination, evaluation, comparison and post-qualification of the bids, the Purchaser may, at its discretion, request any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered for purpose of evaluation. The Purchaser's request for clarification and the response shall be in writing. No change in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids, in accordance with ITB Clause 30.
29. <b>Responsiveness of Bids</b>	<p>29.1 The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself.</p> <p>29.2 A substantially responsive Bid is one that conforms to all the terms, conditions, and specifications of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:</p> <ul style="list-style-type: none"> <li>(a) affects in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or</li> <li>(b) limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or</li> <li>(c) if rectified would unfairly affect the competitive position of other bidders presenting substantially responsive bids.</li> </ul> <p>29.3 If a bid is not substantially responsive to the Bidding Documents, it shall be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.</p>
30. <b>Nonconformities, Errors and Omissions</b>	<p>30.1 Provided that a Bid is substantially responsive, the Purchaser may waive any non-conformities or omissions in the Bid that do not constitute a material deviation.</p> <p>30.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.</p> <p>30.3 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:</p> <ul style="list-style-type: none"> <li>(a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in</li> </ul>

the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;

- (b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- (c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

30.4 If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security shall be forfeited or its Bid-Securing Declaration shall be executed.

**31. Preliminary Examination of Bids**

- 31.1 The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB Clause 11 have been provided, and to determine the completeness of each document submitted.
- 31.2 The Purchaser shall confirm that the following documents and information have been provided in the Bid. If any of these documents or information is missing, the Bid shall be rejected.
  - (a) Bid Submission Form, in accordance with ITB Sub Clause 12.1 :
  - (b) Price Schedules, in accordance with ITB Sub-Clause 12;
  - (c) Bid Security or Bid Securing Declaration, in accordance with ITB Clause 20.

**32. Examination of Terms and Conditions; Technical Evaluation**

- 32.1 The Purchaser shall examine the Bid to confirm that all terms and conditions specified in the CC and the Contract Data have been accepted by the Bidder without any material deviation or reservation.
- 32.2 The Purchaser shall evaluate the technical aspects of the Bid submitted in accordance with ITB Clause 17, to confirm that all requirements specified in Section V, Schedule of Requirements of the Bidding Documents have been met without any material deviation or reservation.
- 32.3 If, after the examination of the terms and conditions and the technical evaluation, the Purchaser determines that the Bid is not substantially responsive in accordance with ITB Clause 29, the Purchaser shall reject the Bid.

**33. Conversion to Single Currency**

- 33.1 If the bidders are allowed to quote in foreign currencies in accordance with sub clause 15.1, for evaluation and comparison purposes, the Purchaser shall convert all bid prices expressed in foreign currencies in to Sri Lankan Rupees using the selling rates prevailed on **20/12/2024** (28 days prior to closing of bids) as published by the Central Bank of Sri

Lanka. If this date falls on a public holiday the earliest working day prior to the date shall be applicable.

**34. Domestic Preference** 34.1 Domestic preference shall be a factor in bid evaluation only if stated in the RSS. If domestic preference shall be a bid-evaluation factor, the methodology for calculating the margin of preference and the criteria for its application shall be as specified in Section III, Evaluation and Qualification Criteria.

**35. Evaluation of Bids** 35.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive.

35.2 To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined in this ITB Clause 35.

35.3 To evaluate a bid the purchaser shall consider the following

- (a) the Bid Price as quoted in accordance with clause 14;
- (b) price adjustment for correction of arithmetic errors in accordance with ITB Sub-Clause 30.3;
- (c) price adjustment due to discounts offered in accordance with ITB Sub-Clause 14.2; and 14.3
- (d) adjustments due to the application of the evaluation criteria specified in the BDS from amongst those set out in Section III, Evaluation and Qualification Criteria;
- (e) Adjustments due to the application of a domestic preference, in accordance with ITB Clause 34 if applicable.

35.4 The Purchaser's evaluation of a bid may require the consideration of other factors, in addition to the factors listed in ITB Sub-Clause 35.3, if specified in BDS. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of bids.

35.5 If so specified in the BDS, these Bidding Documents shall allow Bidders to quote for one or more lots, and shall allow the Purchaser to award one or multiple lots to more than one Bidder. The methodology of evaluation to determine the lowest-evaluated lot combinations is specified in Section III, Evaluation and Qualification Criteria.

**36. Comparison of Bids** 36.1 The Purchaser shall compare all substantially responsive bids to determine the lowest-evaluated bid, in accordance with ITB Clause 35.

**37. Post qualification of the Bidder.** 37.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid is qualified to perform the Contract satisfactorily.

37.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB Clause 18.

37.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Purchaser shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily

**38. Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids**

38.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders.

**Award of Contract**

**39. Award Criteria**

39.1 The Purchaser shall award the Contract to the Bidder whose offer has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Documents, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.

**40. Purchaser's Right to Vary Quantities at Time of Award**

40.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in Section V, Schedule of Requirements, provided this does not exceed twenty five percent (25%) or one unit whichever is higher and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.

**41. Notification of Award**

41.1 Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted.

41.2 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract.

41.3 Upon the successful Bidder's furnishing of the signed Contract Form and performance security pursuant to ITB Clause 43, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security, pursuant to ITB Clause 20.4.

**42. Signing of Contract**

42.1 Within Seven (7) days after notification, the Purchaser shall complete the Agreement, and inform the successful Bidder to sign it.

42.2 Within Fourteen (14) days of receipt of such information, the successful Bidder shall sign the Agreement.

**43. Performance Security**

43.1 Within twenty one (21) days of the receipt of notification of award from the Purchaser, the successful Bidder, if required, shall furnish the Performance Security in accordance with the Conditions of Contract, using for that purpose the Performance Security Form included in Section VIII Contract forms. The Employer shall promptly notify the name of the winning Bidder to each unsuccessful Bidder and discharge the Bid Securities of the unsuccessful bidders pursuant to ITB Sub-Clause 20.4.

- 43.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security or execution of the Bid-Securing Declaration. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose offer is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.

## **Section VI**

### **Conditions of Contract**

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# Conditions of Contract

## 1. Definitions

1.1 The following words and expressions shall have the meanings hereby assigned to them:

- (a) “Contract” means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.
- (b) “Contract Documents” means the documents listed in the Contract Agreement, including any amendments thereto.
- (c) “Contract Price” means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.
- (d) “Day” means calendar day.
- (e) “Completion” means the fulfillment of the supply of Goods to the destination specified and completion of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.
- (f) “CC” means the Conditions of Contract.
- (g) “Goods” means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.
- (h) “Purchaser” means the entity purchasing the Goods and Related Services, as specified in the Contract Data.
- (i) “Sub-contractor” means any natural person, private or government entity, or a combination of the above, to whom any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.
- (k) “Supplier” means the natural person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.
- (l) “The Project Site,” where applicable, means the place named in the Contract Data.

		(m) “The Final Destination” means any port in the Purchaser’s country as specified in the Contract Data.
<b>2. Contract Documents</b>	2.1	Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.
<b>3. Fraud and Corruption</b>	3.1	<p>The Government of Sri Lanka requires the Purchaser as well as bidders, suppliers, contractors, and consultants to observe the highest standard of ethics during the procurement and execution of such contracts.</p> <p>( In pursuit of this policy):</p> <ul style="list-style-type: none"> <li>(i) “Corrupt Practice” means offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;</li> <li>(ii) “Fraudulent Practice” means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;</li> <li>(iii) “Collusive Practice” means a scheme or arrangement between two or more bidders, with or without the knowledge of the Purchaser to establish bid prices at artificial, non-competitive levels; and</li> <li>(iv) “Coercive Practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a correct.</li> </ul>
<b>4. Interpretation</b>	4.1	If the context so requires it, singular means plural and vice versa.
	4.2	<p>Entire Agreement</p> <p>The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.</p>
	4.3	<p>Amendment</p> <p>No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.</p>

	4.4	Severability
		If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.
5. Language	5.1	The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in English language. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified, in which case, for purposes of interpretation of the Contract, this translation shall be govern.
	5.2	The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.
6. Joint Venture, Consortium or Association	6.1	If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.
7. Eligibility	7.1	All goods supplied under this contract shall be complied with applicable standards stipulated or as specified in the Contract Data. In the absence of such standards, the Goods supplied shall be complied with other internationally accepted standards, such as British Standards.
8. Notice	8.1	Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the Contract Data (CC 8.1). The term “in writing” means communicated in written form with proof of receipt.
	8.2	A notice shall be effective when delivered or on the notice’s effective date, whichever is later.
9. Governing Law	9.1	The Contract shall be governed by and interpreted in accordance with the laws of the Democratic Socialist Republic of Sri Lanka.
10. Settlement of Disputes	10.1	The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

	10.2	If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the Arbitration Act No:11 of 1995.
	10.3	Notwithstanding any reference to arbitration herein,
	(a)	the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and
	(b)	the Purchaser shall pay the Supplier any money due to the Supplier.
<b>11. Scope of Supply</b>	11.1	The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.
<b>12. Delivery and Documents</b>	12.1	Subject to CC Sub-Clause 32.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. Where applicable the details of shipping and other documents to be furnished by the Supplier are specified in the Contract Data.
<b>13. Supplier's Responsibilities</b>	13.1	The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with CC Clause 11, and the Delivery and Completion Schedule, as per CC Clause 12.
<b>14. Contract Price</b>	14.1	Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid.
<b>15. Terms of Payment</b>	15.1	The Contract Price shall be paid as specified in the Contract Data.(CC 15.1)
	15.2	The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to CC Clause 12 and upon fulfillment of all other obligations stipulated in the Contract.

	15.3	Payments shall be made promptly by the Purchaser, but in no case later than twenty eight (28) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.
<b>16. Taxes and Duties</b>	16.1	The Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.
<b>17. Performance Security</b>	17.1	If required as specified in the Contract Data (CC 17.1), the Supplier shall, within fourteen (14) days of the notification of contract award, provide a performance security of Ten percent (10%) of the Contract Price for the performance of the Contract.
	17.2	The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
	17.3	As specified in the Contract Data, (CC 17.1) the Performance Security, if required, shall be in Sri Lankan Rupees and shall be in the format stipulated by the Purchaser in Section VIII – Contract Forms, or in another format acceptable to the Purchaser.
	17.4	The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations.
<b>18. Copy Right</b>	18.1	The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party.
<b>19. Confidential Information</b>	19.1	The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under CC Clause 19.

19.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.

19.3 The above provisions of CC Clause 19 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

19.4 The provisions of CC Clause 19 shall survive completion or termination, for whatever reason, of the Contract.

**20. Sub-contracting**

20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

20.2 Subcontracts shall comply with the provisions of CC Clauses 3 and 7.

**21. Specifications and Standards**

21.1

- Technical Specifications and Drawings
- (a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section V, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.
- (b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.
- (c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with CC Clause 32.

<b>22. Packing and Documents</b>	22.1	The Supplier shall pack the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract Data.
<b>23. Insurance</b>	23.1	Unless otherwise specified in the Contract Data, the Goods supplied under the Contract shall be fully insured against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery.
<b>24. Transportation</b>	24.1	Unless otherwise specified in the Contract Data, responsibility for arranging transportation of the Goods shall be a responsibility of the supplier.
<b>25. Inspections and Tests</b>	25.1	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 25.1).
	25.2	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.
	25.3	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.
	25.4	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.
	25.5	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 specifications 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 impedes 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.
	25.6	The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.
	25.7	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 25.4.
	25.8	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.
	25.9	Reports of the tests carried out by the Inspectors must be made available to them immediately after the completion of the tests.
<b>26. Liquidated Damages</b>	26.1	Except as provided under CC Clause 31, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the Contract Data of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those Contract Data CC 26.1. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to CC Clause 34.
<b>27. Warranty</b>	27.1	The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.
	27.2	Subject to CC Sub-Clause 21.1(b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.

27.3 Unless otherwise specified in the Contract Data CC27.3, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the Contract Data CC 8.1.

27.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

27.5 Upon receipt of such notice, the Supplier shall, within the period specified in the Contract Data CC 27.5, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

27.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the Contract Data CC 27.5, the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

**28. Patent Indemnity**

28.1 The Supplier shall, subject to the Purchaser's compliance with CC Sub-Clause 28.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of :

- (a) the installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and
- (b) The sale in any country of the products produced by the Goods.

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

28.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in CC Sub-Clause 28.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

28.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

28.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

28.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

**29. Limitation of Liability**

29.1 Except in cases of criminal negligence or willful misconduct,

- (a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and
- (b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the purchaser with respect to patent infringement.

<b>30. Change in Laws and Regulations</b>	30.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in Sri Lanka that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with CC Clause 14.
<b>31. Force Majeure</b>	<p>31.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.</p> <p>31.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.</p> <p>31.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.</p>
<b>32. Change Orders and Contract Amendments</b>	<p>32.1 The Purchaser may at any time order the Supplier through notice in accordance CC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:</p> <ul style="list-style-type: none"> <li>(a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;</li> <li>(b) the method of shipment or packing;</li> <li>(c) the place of delivery; and</li> <li>(d) The Related Services to be provided by the Supplier.</li> </ul>

	32.2	If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.
	32.3	Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.
	32.4	Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.
<b>33. Extensions of Time</b>	33.1	If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to CC Clause 12, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.
	33.2	Except in case of Force Majeure, as provided under CC Clause 31, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to CC Clause 26, unless an extension of time is agreed upon, pursuant to CC Sub-Clause 33.1.
<b>34. Termination</b>	34.1	Termination for Default <ul style="list-style-type: none"> <li>(a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part: <ul style="list-style-type: none"> <li>(i) if the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to CC Clause 33;</li> </ul> </li> </ul>

- (ii) if the Supplier fails to perform any other obligation under the Contract; or
- (iii) If the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in CC Clause 3, in competing for or in executing the Contract.

In the event the Purchaser terminates the Contract in whole or in part, pursuant to CC Clause 34.1(a), the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

#### 34.2 Termination for Insolvency.

- (a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser.

#### 34.3 Termination for Convenience.

- (a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

- (b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

- (i) to have any portion completed and delivered at the Contract terms and prices; and/or

- (ii) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

**35. Assignment**

- 35.1 Neither the Purchaser nor the Supplier shall assign, in whole or in parts their obligations under this Contract, except with prior written consent of the other party.

## **SECTION –VIII**

### **CONTRACT FORMS**

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## 1. Contract Agreement

## THIS CONTRACT AGREEMENT is made

the [insert : Number] day of [ insert : month], [insert: Year]

## BETWEEN

(2) [insert name of Supplier] , a corporation incorporated under the laws of [insert : country of Supplier] and having its principal place of business at [insert : address of supplier] hereinafter called “the Supplier”).

WHEREAS the Purchaser invited bids for certain Goods and ancillary service, viz.,  
*[insert brief description of Goods and Service]* and has accepted a Bid by the  
Supplier for the supply of those Goods and Services in the sum of *[insert Contract  
Price in words and figures, expressed in the Contract currency (ies)]* (hereinafter  
called “the Contract Price”)

**NOW THIS AGREEMENT WITNESS AS FOLLOWS:**

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall constitute the Contract between the **Purchaser** and the Supplier, and each shall be read and construed as an integral part of the Contract:

- (a) This Contract Agreement ;
- (b) Contract Data;
- (c) Conditions of Contract;
- (d) Technical Requirements (including Schedule of Requirements and Technical Specifications);
- (e) The Supplier’s Bid and original Price Schedules;
- (f) The Purchaser’s Notification of Award.
- (g) The supplier’s acknowledgement
- (h) *[Add here any other document (s)].*

3. This contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents., then the documents shall prevail in the order listed above.

4. In consideration of the payments to be made by the Purchaser to the Suppliers as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects there in conformity in all respects with the provisions of the Contract.

5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

**IN WITNESS**whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *Democratic Socialist Republic of Sri Lanka* on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed : *[insert signature]*

In the capacity of *[insert title or other appropriate designation]*

In the presence of *[ insert identification of official witness]*

For and on behalf of the Supplier.

Signed : *[insert signature of authorized representative (s) of the Supplier]*

In the capacity of *[insert title or other appropriate designation]*

In the presence of *[ insert identification of official witness]*

## **2. FORMAT FOR PERFORMANCE GUARANTEE**

(PROCUREMENT GUIDELINE REFERENCE **5.4.8**)

.....(Issuing Agency's Name, and  
Address of Issuing Branch or Office) .....

.....  
**Beneficiary** : ..... (Name and Address of Employer)

.....  
**Date** : .....

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

We have been informed that ..... (*name of Contractor/Supplier*)  
**(hereinafter called** “the Contractor”) has entered into Contract No. ....  
..... (*reference number of the contract*) dated ..... with you, for the ..... (*insert “construction” / “Supply”*)  
of ..... (*name of contract and brief description of Works /*  
(hereinafter called “the Contract”).

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the **Contractor**, we ..... (*name of Agency*)  
hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount  
of ..... (*amount in figures*) ( ..... ) (*amount in words*) / such sum being payable in the  
types and proportion of currencies in which the Contract Price is payable, upon receipt by us  
of your first demand in writing accompanied by a written statement stating that the  
Contractor is in breach of its obligation(s) under the Contract, without your needing to  
prove or to show grounds for your demand or the sum specified therein.

This guarantee shall expire, no later than the ..... day of ..... 20..... (*insert date, 28 days beyond the scheduled contract completion date*) and any demand for payment  
under it must be received by us at this office on or before that date.

.....  
(Signature(s))

### **3.FORMAT FOR RELEASE OF RETENTION MONEY**

(PROCUREMENT GUIDELINE REFERENCE **5.4.7**)

.....(Issuing Agency's Name, and Address of  
Issuing Branch or Office)

.....  
**Beneficiary:** ..... (Name and Address of Employer)

.....  
**Date :** .....

**RETENTION MONEY GUARANTEE No:** .....

We have been informed that ..... (*name of Contractor*) (**hereinafter called** "the Contractor") has entered into Contract No. ..... (*reference number of the contract*) dated ..... with you, for the execution of ..... (*name of contract and brief description of Works / (hereinafter called "the Contract")*).

Furthermore, we understand that, according to the conditions of the Contract, when the works have being taken over and the first half of the Retention Money has been certified for payment, payment of the second half of the Retention Money may be made against a Retention Money guarantee.

At the request of the Contractor, we ..... (*name of Bank*) hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of ..... (*amount in figures*) ( ..... ) (*amount in words*) / upon receipt by us of your first demand in writing accompanied by a written statement stating that the Contractor is in breach of its obligation under the Contract because the Contractor has not attended to the defects in accordance with the Contract.

This guarantee shall expire, at the latest, ..... (*insert 28 days after the end of the defects liability period*). Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.

.....  
Signature(s)

# **VOLUME 2**

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## Section II. Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	<b>A. General</b>
<b>ITB 1.1</b>	The Purchaser is: Sri Lanka Railways
<b>ITB 1.1</b>	<p>The name and identification number of the Contract are:  <b>PROCUREMENT FOR THE SUPPLY, INSTALLATION, COMMISSIONING AND HANDING OVER OF 01 NO. OF CNC SURFACE WHEEL LATHE MACHINE FOR RAILWAYS</b></p> <p style="text-align: center;"><b>IFB No- SRS/F.8030</b></p>
<b>ITB 2.1</b>	The source of funding is: Consolidated fund -Government of Sri Lanka (GOSL)
<b>ITB 4.1</b>	<p>The bidder shall submit documentary proof of ability and capability to supply above item along with the records of that.</p> <p><u><i>Eligibility requirement for the manufacturer</i></u></p> <ul style="list-style-type: none"> <li>a) The manufacturer should have more than 10 years' experience in manufacturing of similar CNC Surface Wheel Lathe machines. Documentary proof is required for sales of at least 15 Nos. of CNC wheel lathe machines for last 7 years.</li> <li>b) The manufacturer shall submit the past supply details of exports of similar nature CNC wheel lathe machines in the last five years. The manufacturer shall complete at least 06 Nos. exports of similar nature CNC wheel lathe machines during the last five years.</li> <li>c) Satisfactory end user certificates for at least 05 supplies including 02 for outside the manufacturer's country should be submitted with the offer to enable to prove the above.</li> <li>d) The manufacturer shall forward the valid ISO 9001:2008 certificate or equivalent for manufacturing of CNC wheel lathe machines.</li> <li>e) The manufacturer's capability is not allow to fulfill through a joint venture</li> <li>f) The manufacturer shall submit a list of similar capacity machines already supplied to Sri Lanka with the details such as type of machine, customer details etc.</li> </ul>

*Eligibility requirement for the bidder*

- g) If the bidder is not the manufacturer, the bidder shall submit an agreement by which the manufacturer is abode by supply of spares and all necessary technical services when required, signed between the bidder and the manufacturer.
- h) Bidder shall submit Successful completion as main supplier within the last three (3) years, of at least three (3) contracts, out of which at least one (1) should be outside of the Bidder's own country, each valued at USD 900,000.00 with nature, and complexity similar to the scope of supply described in Section 6 (Schedule of Supply)
  - Or
    - supply of Locomotives, DMUs, Rolling stocks to the Railway Operators outside of the bidder's own country with the value of USD 2,500,000.00 during last 10 years.
- i) The bidder shall have technical facility including workshop with necessary facility and trained staff in Sri Lanka to provide commissioning and after sales support. If this facility will be provided through a local agent all necessary details shall be submitted along with bid.

*Eligibility requirement for the Local Agent*

Reputed local agent having,

- a) At least five (5) years of experience for acting as local agent in supplying Locomotives / DMUs / Rolling stocks / Track maintenance vehicles or supply / installation of railway maintenance equipment / Machinery or similar capacity of heavy machineries for other industries. Value of at least one contract shall not less than LKR 150 Mn.

Or

Being as a SLR registered supplier and supply of machinery or rolling stock spare parts or carry out SLR projects on rolling stock for last 5 years and having a average annual business not less than LKR 200 Mn and having own workshop facility with trained staff.

- b) Performance of the machine/goods supplied within the last 2 years have been satisfactory. Client certification for successful operation for those shall be submitted.

The company profile, experience, quality assurance certificates, financial capabilities and the detail of technical staff shall be furnished with the bid

Any bidder who shall not submit the documentary evidence to fulfill the above requirements will be disqualified and rejected.

<b>ITB 4.4</b>	Foreign bidders may submit bids.
<b>ITB 5.1</b>	Goods to be supplied shall be complied SLR Specification.
<b>B. Contents of Bidding Documents</b>	
<b>ITB 7.1</b>	<p>For Clarification of bid purposes only, the Purchaser's address is:</p> <p>Attention: Deputy General Manager (Procurement),    Address: Railway Procurement Sub Department,    P.O. Box 1347,    Olcott Mawatha,    Colombo, Sri Lanka.</p> <p>Telephone: 94 (11) 2438078 or 94(11) 4600202</p> <p>Facsimile number: 94(11) 2432044</p> <p>Electronic mail address: <a href="mailto:srs.slr@gmail.com">srs.slr@gmail.com</a>, <a href="mailto:tender1@railway.gov.lk">tender1@railway.gov.lk</a></p> <p>A prospective bidder requiring any clarification of the bidding documents may notify the Purchaser in writing, by Fax or E-mail at the Purchaser's address given above</p>
<b>C. Preparation of Bids</b>	
<b>ITB 11</b>	<p>Add.</p> <p>The Bid shall comprise two envelopes submitted simultaneously; one containing the Technical Bid and the other shall be the Price Bid, both envelopes enclosed together in an outer single envelope.</p>
<b>ITB 11.1 (f)</b>	<p>The Bidder shall submit the following documents:</p> <ol style="list-style-type: none"> <li>1. Covering letter (if any)</li> <li>2. Bid Security – ITB Cl. 20</li> <li>3. Legally executed Power of Attorney (where applicable) – ITB Cl. 45</li> <li>4. Certificate of Registration with the Registrar of Contracts. (where applicable) – ITB Cl. 46</li> <li>5. Certificate of incorporation</li> <li>6. Official Bidding Document (ITB clause 01)           <ol style="list-style-type: none"> <li>i. Form of bid – Duly completed and signed</li> <li>ii. Schedule of Requirements / Price Schedule Duly completed and signed.</li> </ol> </li> <li>7. Documentary evidence in proof of capability, ability and past experience in manufacturing / supplying similar goods.</li> <li>8. Documentary evidence for bidder's eligibility</li> <li>9. Documentary evidence for local agent's eligibility</li> <li>10. Manufacturer's Technical Specification</li> </ol>

	<p>11. Other documents requested in Schedule of Requirement</p> <p>12. Brochures, Catalogues etc.</p> <p>13. Copy of valid ISO 9001:2008 series certificate or equivalent.</p> <p>14. Detailed Foundation Drawing</p> <p>15. Any other applicable documents.</p>
<b>ITB 14.1</b>	<p>The bidders may quote total bid price of the goods</p> <p>For Goods offered from outside the Purchaser's country, the Bidder shall quote prices using the following Incoterms: DDP (CME workshop Ratmalana, Colombo, Sri Lanka)</p> <p>In addition to the above, the bidder shall quote prices for goods offered from outside the purchaser's country, using the following Incoterms CIP (Colombo, Sri Lanka)</p>
<b>ITB 15.1</b>	<p>The bidder shall quote in the freely convertible currency in which the payment is required. For evaluation purpose the price shall be converted to Sri Lankan rupees and the exchange rate published by the Central Bank of Sri Lanka 28 days prior to closing of bids shall be considered for the conversion.</p>
<b>ITB 18.1 (b)</b>	<p>After sales service is: "required"</p>
<b>ITB 19.1</b>	<p>The bid shall be valid until <b>17/05/2025</b> (120 days from the date of bid opening)</p>
<b>ITB 20.1</b>	<p>Bid shall include a Bid Security issued by a local bank operating in Sri Lanka and approved by Central Bank of Sri Lanka included in Section IV Bidding Forms;</p> <p>The bidder shall submit the bid security in the prescribed format in the Section IV – Bidding Forms. Submission of bid security with any major departure from the prescribed format shall be considered as major deviation and particular bid shall be rejected.</p>
<b>ITB 20.2</b>	<p>The amount of the Bid Security shall be <b>LKR. 4,000,000.00</b> or equivalent in convertible currency. The exchange rate published by the Central Bank of Sri Lanka 28 days prior to the closing of bids shall be considered for the conversion.</p> <p>The validity period of the bid security shall be until <b>16/06/2025</b> (150 days from the date of bid opening)</p>
	<p><b>D. Submission and Opening of Bids</b></p>
<b>ITB 22.2 (c)</b>	<p>The inner and outer envelopes shall bear the following identification marks: SRS/F.8030</p> <p>(a) Bear the Name and Address of the Bidder.</p> <p>(b) be addressed as indicated in Cl. 23.1 of ITB.</p> <p>(c) bear the specific identification of this bidding process as indicated in ITB 1.1 of BDS.</p>

	(d) bear a warning not to open before the time and date for bid opening, in accordance with ITB Sub-Clause 26.1
<b>ITB 23.1</b>	<p>Bids shall be submitted to:</p> <p>Attention: The Chairman,  Address: Department Procurement Committee (Major)  Sri Lanka Railways,  Railway Procurement Sub Department,  Olcott Mawatha, Colombo 10,  Sri Lanka.  Telephone: <b>94 (11) 2438078 or 94(11) 4600202</b></p> <p>Facsimile number: <b>94(11) 2432044</b></p> <p><b>Pre bid meeting : Date 20/12/2024 Time : 10.00am</b></p> <p><b>Venue: Chief Mechanical Engineer's Office – Ratmalana</b></p> <p>The deadline for the submission of bids is:  Date: <b>17/01/2025</b> Time: <b>2.00 p.m.</b></p>
<b>ITB 26.1</b>	<p>The bid opening of the <b>Technical Bid</b> shall take place at:</p> <p>Address: 3<sup>rd</sup> floor, room number 1  Railway Procurement Sub Department,  No. 1347, Olcott Mawatha,  Colombo 10  Sri Lanka</p> <p>Date: <b>17/01/2025</b> Time: <b>2.00 p.m.</b></p> <p>Opening of the <b>Price bid</b> shall be informed to the substantially responsive bidders only.</p>
<b>ITB 26.3</b>	<p>Replace ITB 26.3</p> <p>Only the envelopes containing the <b>Technical Bid</b> shall be opened at a time, reading out: the name of the Bidder and whether there is a modification, alternative offers, the presence of a Bid Security or Bid Securing Declaration, if required and any other details as the Purchaser may consider appropriate. No Bid shall be rejected at Bid opening except for late bids, in accordance with ITB Sub-Clause 24.1.</p> <p>After the technical evaluation the envelopes containing the Price Bid of only the substantially responsive bidders shall be opened at a time, reading out: the bid price including any discounts.</p>
<b>E. Evaluation and Comparison of Bids</b>	
<b>ITB 34.1</b>	Domestic preference shall not be a bid evaluation factor.
<b>ITB 37.1</b>	<p>Add</p> <p>If the substantially responsive lowest evaluated manufacturer has not supplied similar capacity machineries to Sri Lanka earlier and not</p>

	<p>found satisfactorily, a factory visit shall be arranged by the Purchaser at his own cost. Manufacturer shall agree to provide all necessary arrangements for the factory inspection.</p>
<b>F. Award of Contract</b>	
<b>ITB 44</b>	<p><b>Add : Details of Local Agent</b></p> <p>The bidder shall furnish the following information with the bid.</p> <ol style="list-style-type: none"> <li>i. The name and address of the Local Agent(s).</li> <li>ii. The year of registration of the business of the Local Agent(s).</li> <li>iii. A certified copy of the audited accounts of the Local Agent(s) for two consecutive years immediately preceding the date of submission of bids or proposals, audited by an independent external auditor in accordance with the Sri Lanka Accounting Standards, and</li> <li>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 or proposal up to Contract execution if the bidder is awarded the Contract, including any fees payable.</li> </ol>
<b>ITB 45</b>	<p><b>Add : Agent to Hold Power of Attorney.</b></p> <p>Offers from Agents representing Principal manufacturers abroad, will not be considered, unless they hold the Power of Attorney from the principal manufacturer empowering the agent to offer on their behalf, to enter into a valid Agreement on behalf of the principals, and to fulfill all the terms and conditions of the contract, in the event of the Procurement being awarded.</p> <p>Nomination of agent/s after the Bid has been submitted will not be accepted. Agent nominated at the time of Bidding shall not be changed within the period of Contract.</p>
<b>ITB 46</b>	<p><b>Add : Registration of Contract.</b></p> <ol style="list-style-type: none"> <li>a. Any person who act as an agent of sub agent, representative or nominee for or on behalf of any bidder, shall register himself before submission of bids with Register of Public Contracts Sri Lanka, as required by the Public Contract Act No.3 of 1987. The original Certificate of Registration shall be submitted with the bid. The bids of those bidders who fail to submit such original certificate shall be rejected.</li> <li>b. The bidders shall also register themselves immediately after submission of the bids and prior to the award of the procurement, in terms of the Public Contract Act No. 03 of 1987. The procurement shall not be awarded to any bidder unless such bidder has submitted the Certificate of Registration issued in terms of the Public Contract Act to the relevant Procurement Committee.</li> <li>c. The successful bidder shall provide the relevant particulars required by the Public Contracts Act No. 03 of 1987 to the Registrar of Public Contracts upon the award of the procurement.</li> </ol>

## **SECTION –III**

### **EVALUATION AND QUALIFYING CRITERIA**

This Section complements the Instructions to Bidders. It contains the criteria that the Purchaser use to evaluate a bid and determine whether a Bidder has the required qualifications. No other criteria shall be used.

#### **1. Post qualification Requirements (ITB 37)**

After determining the lowest-evaluated bid in accordance with ITB Sub-Clause 36.1, the Purchaser shall carry out the post qualification of the Bidder in accordance with ITB Clause 37 and BDS ITB 37.1, using only the requirements specified. If factory inspection stated in BDS ITB 37.1 found unsatisfied the manufacturer will be treated as disqualified.

Requirements indicated below shall be used in the evaluation of the Bidder's qualifications.

##### **(a) Financial Capability**

The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

The Bidder and manufacturer shall submit Audited Annual Turnover for the last 5 years and the net worth shall be positive.

##### **(b) Experience and Technical Capacity.**

The bidder shall submit documentary proof of ability and capability as specified in BDS – ITB 4.1 If required purchaser shall arrange a site inspection to the Local facility indicated in ITB 4.1 (i).

##### **(c) Technical Compliance**

The bidders who qualified the eligibility criteria shall evaluated for the technical compliance for specification and schedule of requirement.

##### **(d) Bid shall be evaluated on total bid price.**

Substantially responsive Bids shall be evaluated based on the Grand Total of CIP/ Other Prices in the Price Schedule 3 ; Grand Summary.

Accordingly, the substantially responsive lowest evaluated bidder is selected.

## **Section IV**

### **Bidding Forms**

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## Bid Submission Form

Date: [insert date (day, month and year) of Bid Submission]

No.: [insert number of bidding process]

To: Chairperson,  
Department Procurement Committee (Major)

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: .....  
[insert the number and issuing date of each Addenda];
- (b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services .....  
[\* insert a brief description of the Goods and Related Services];
- (c) The total price of our Bid, including any discounts offered is: .....  
[insert the total bid price in words and figures];
- (d) Our bid shall be valid for the period of time specified in ITB Sub-Clause 19.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 23.1, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (e) If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 43 and CC Clause 17 for the due performance of the Contract;
- (f) We have no conflict of interest in accordance with ITB Sub-Clause 4.3;
- (g) Our firm, its affiliates or subsidiaries - including any subcontractors or suppliers for any part of the contract - has not been declared blacklisted by Department of Public Finance.
- (k) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.
- (l) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

I/We submit the following documents as part of my/our bid as per ITB 11.1(f) of BDS.

Page No.

The Bidder shall submit the following documents:

- 01. Covering letter (if any) .....
- 02. Bid Security – ITB Cl. 20 .....
- 03. Legally executed Power of Attorney (where applicable) – ITB Cl. 45 .....

04. Certificate of Registration with the Registrar of Contracts.  
(where applicable) – ITB Cl. 46 .....  
05. Certificate of incorporation .....  
06. Official Bidding Document (ITB clause 01)  
i. Form of bid – Duly completed and signed .....  
ii. Schedule of Requirements / Price Schedule  
Duly completed and signed. .....  
07. Documentary evidence in proof of capability, ability and past  
experience in manufacturing / supplying similar goods. .....  
08. Documentary evidence for bidder's eligibility .....  
09. Documentary evidence for local agent's eligibility .....  
10. Manufacturer's Technical Specification .....  
11. Other documents requested in Schedule of Requirement .....  
12. Brochures, Catalogues etc. .....  
13. Copy of ISO 9001:2008 series certificate. .....  
14. Detailed Foundation Drawing .....  
15. Any other applicable documents. ....

My/Our Bank reference is as follows:.....

Date:.....

**Signature and Official stamp of Bidder**

Name of Bidder:.....

Postal Address:.....

Digitized by srujanika@gmail.com

Email Address:.....

Telephone Number: ..... Fax: .....

**Details of the Local Agent, if any:**

Name: \_\_\_\_\_

Postal Address:

The year of registration of the business of the local agent.....

Amount to be paid to the Local Agent as their Commission, which shall be included in the total CIP price: .....

Email Address:.....

Telephone Number: ..... Fax: .....

**1. SCHEDULE OF PRICE AND BILL OF QUANTITIES FOR THE SUPPLY, INSTALLATION, COMMISSIONING AND  
HANDING OVER OF 01 NO. OF CNC SURFACE WHEEL LATHE MACHINE  
PROCUREMENT NO. SRS/F. 8030**

Currencies in accordance with ITB Sub Clause 15

1	2	3	4	5	6	7	8	9
Item No.	Description of Goods	Country of Origin as per Cl. 39 of CC	Quantity and Physical Unit	Unit Price CIP (Colombo, Sri Lanka)	Total Price CIP (Colombo, Sri Lanka) 4 x 5	Unit Price DDP (Rathmalana, Sri Lanka)	Total Price DDP (Rathmalana, Sri Lanka) 4 x 7	Total cost of clearing, Handling and delivery charges to the places of delivery stated with all taxes and duties (Estimated)
								Foreign Currency
1.	Supply of CNC Surface Wheel Lathe Machine with all accessories		01 No.					

1. Total DDP and CIP prices shall be furnished
2. Whether price reduction / discount is applicable. In event of Bidders offering price reduction / discount, they should indicate the total reduced price for each item on DDP and CIP in addition to the normal price quoted.
3. Local Agent's commission: the amount or the percentage from CIP value : .....

Date.....

.....  
Signature and Official Stamp of the Bidder

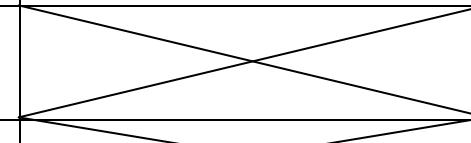
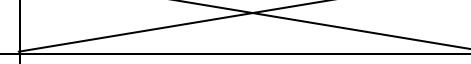
**2. SCHEDULE OF PRICE AND BILL OF QUANTITIES FOR THE SERVICES RELATED IN INSTALLATION OF 01 NO. OF  
CNC SURFACE WHEEL LATHE MACHINE AT PURCHASER'S SITE  
PROCUREMENT NO. SRS/F. 8030**

<b>Item No.</b>	<b>Description of Work</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate (USD)</b>	<b>Total Amount (USD)</b>
1	Installation, Commissioning and handing over of CNC Surface Wheel Lathe Machine including one month supervision and arrange training for Purchaser's staff	Lump sum	Item		
2	Carry out major overhauls and manufacturer's recommended services	Year	02		

Date.....

.....  
 Signature and Official Stamp of the Bidder

### 3. SCHEDULE FOR GRAND SUMMARY

Schedule No.	Title	Total Price	
		CIP Price / Other	DDP Price
1	Supply of CNC Surface Wheel Lathe Machine with all accessories		
2.1	Installation, Commissioning and handing over of CNC Surface Wheel Lathe Machine including one month supervision and arrange training for Purchaser's staff		
2.2	Carry out major overhauls and manufacturer's recommended services		
	<b>GRAND TOTAL</b>		

Date.....

.....  
Signature and Official Stamp of the Bidder

## Bid Security Guarantee

*[this Bank 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

**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; if a joint venture, list complete legal names of partners]* (hereinafter called "the Bidder") has submitted to you its bid dated ----- *[insert (by issuing agency) date]* (hereinafter called "the Bid") for the supply of *[insert name of Supplier]* under Invitation for Bids No. ----- *[insert IFB number]* ("the IFB").

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

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

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

This Guarantee shall expire: (a) if the Bidder is the successful bidder, upon our receipt of copies of the Contract signed by the Bidder and of the Performance Security issued to you by the Bidder; or (b) if the Bidder is not the successful bidder, upon the earlier of (i) our receipt of a copy of your notification to the Bidder that the Bidder was unsuccessful, 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(s) of authorized representative(s) ]*

## Manufacturer's Authorization

*[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the BDS.]*

Date: *[insert date (as day, month and year) of Bid Submission]*  
No.: *[insert number of bidding process]*

To: *[insert complete name of Purchaser]*

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ *[insert date of signing]*

## **Section V. Schedule of Requirements**

### **Contents**

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## List of Goods and Delivery Schedule

1	Description of Goods	<ol style="list-style-type: none"> <li>1. Supply of CNC Surface Wheel Lathe Machine with all accessories</li> <li>2. Detailed Foundation Drawing</li> <li>3. Accessories required at foundation work for installation</li> <li>4. Installation, Commissioning and Handing Over of CNC Surface Wheel Lathe and arrange training for the Purchaser's staff</li> <li>5. Carry out major overhauls and manufacturer's recommended services</li> </ol>
2	Quantity	<ol style="list-style-type: none"> <li>1. 01 No.</li> <li>2. Item</li> <li>3. Item</li> <li>4. Lump sum</li> <li>5. 02 Years</li> </ol>
3	Standards	<p>The goods supplied under this contract shall conform to SLR Specification issued with the bid.</p> <p><b>The bidder shall submit the specifications in detail of the machine offered by them and in lieu of same, statements issued by the bidders agreeing to comply with SLR specification will not be accepted.</b></p>
4	Packing	<p>This machine shall be packed in suitably strong containers to withstand rough handling, long sea voyage and storage in the open area packing shall permit easy forklift or crane handling.</p>

## Delivery and Completion

<b>Item No.</b>	<b>Description of Goods or Related Services</b>	<b>Delivery / completion Schedule (Duration)</b>	<b>Location</b>	<b>Bidder's Response</b>
1.	Supply of CNC Surface Wheel Lathe with all necessary accessories on board	6 months from the date of opening of L/C	Project Site at Rathmalana workshops, Colombo, Sri Lanka	
2.	Detailed Foundation Drawing	With the offer		
3.	Accessories required at foundation work for installation	3 months from date of opening of LC		
4.	Installation, Commissioning and Handing Over the CNC Surface Wheel Lathe	Within 4 weeks of the arrival of the machine to the project site		
5.	Training	Within one month from the date of commissioning		
6.	Supervision – Suitable technical staff shall make available to assist SLR staff	At least one month from date of commissioning		
7.	Carry out major overhauls and manufacturer's recommended services	Whenever necessary as per the Maintenance Manual, during the first two years from the date of commissioning		

Date.....

.....  
Signature and Official Stamp of the Bidder

**SRI LANKA RAILWAY TECHNICAL SPECIFICATION FOR SUPPLY,  
INSTALLATION, COMMISSIONING AND HANDING OVER OF 01 NO. CNC  
SURFACE WHEEL LATHE MACHINE**

## **1. General Description**

This technical specification for a CNC Surface Wheel Lathe Machine which is to be used for re-profiling both wheels of a railway wheel set in Locomotives, DMUs, carriages, wagons and all rolling stock used in SLR. All goods and materials to be incorporated shall be new, unused and of the most recent or current models and that they incorporate all recent improvements in design and materials.

## **2. Scope of the supply**

The machine offered should be Computerized Numerical Control type (CNC) and shall be of well proven design.

The machine is intended to use for;

- i. Re-profiling worn out and newly disc wheel sets having work hardened spots.
- ii. Simultaneous machining of both the wheels of wheel set within the accuracies as given below.
- iii. Machining the external faces of all profiles that can be used in Railways. (Drawings of wheel profiles of DE 3221/00 & P.2175/03 are attached.)
- iv. Turning the faces of internal shaft brake disc as well as internal and external wheel brake discs.
- v. Machining inner and outer faces of wheels of wheel set.
- vi. Undertaking depth of cuts up to 6 mm, i.e., a reduction of 12 mm on the diameter on the wheels having tensile strength up to 125 kg/mm<sup>2</sup>, without undue vibrations.
- vii. The offered system shall be capable of handling wheel sets, which are likely to have a fair amount of dust, grease, grime etc. on them.
- viii. Machining of Wheel sets, with outer or inner bearings
- ix. Measure the polygon and equivalent conicity of wheel set and maintain precise values

The construction of the machine and the applied modern technology shall guarantee excellent cutting performance, high working precision, long service life and the personal safety. Machine shall be equipped friction rollers to drive the wheel set on the round end of the wheel flange.

## **3. Working Area**

- i. Climatic zone. Very high humidity and salty environment
- ii. Altitude above sea level – 0m to 50m
- iii. Ambient temperature lowest: 5 °C, highest: 35°C, average: 30 °C
- iv. Atmospheric moisture lowest: 50 %, highest: 100 %, average: 90% 2.5. Other - Tropical climate

## **4. Working Parameters**

i. Track Gauge	- 1676mm
ii. Tread Diameter range	- 700mm - 1250mm
iii. Wheel width range	- 100mm - 150mm
iv. Maximum Axle length	- 2600mm
v. Maximum Weight of wheel set	- 40KN
vi. Minimum Axle length including bearings	- 1850mm

## **5. Electrical Data**

- i. Operating Voltage 50 Hz ,400V, 3 phase or 50 Hz, 230V, single phase
- ii. All motors, switchgears, sensors, limit switches etc. shall be reputed brand of European, USA or Japanese make. Details shall be provided along with the offer
- iii. Shall be equipped with suitable overload, surge, transient, over voltage and under voltage protection
- iv. Main drives shall be driven by induction motors with frequency controlled with inverters, forces air cooling and electrical braking.
- v. All electrical power and control cabinets shall consist of a dust proof steel casing closed at all sides and the base frame firmly mounted to the floor. The temperature inside them is to be controlled by air conditioner to ensure satisfactory working in the ambient temperature. They also shall be equipped with internal lighting and circuit diagram illustration on an inside wall.
- vi. Necessary indicator lamps and display instruments shall be provided to easy visualization of operation conditions

## **6. Control System**

The machine shall be equipped a CNC based control system to control machining process, measurements. PLC based control system to control the machine functions.

- i. Control voltage below 230V AC or 12V DC / 24V DC
- ii. Control system shall be of CNC / PLC of SIEMENS make. Details shall be provided with the offer.
- iii. The machine shall consist of a MMI (Man Machine Interface) unit which enables machine operation with the soft keys on the CNC operator panel with a display. All lettering on the display shall be in English language.
- iv. A backup copy of all machine programs including measuring program and machining program shall be provided in a CD or a pen drive which can be read and fed into the control system.
- v. Easy fault finding shall also be possible. All necessary fault diagnostic interfaces and software shall be provided with the machine. Details shall be provided along with the offer.
- vi. Machining and profile wear data shall be stored in the data memory on the CNC. A USB port shall be provided to transfer the stored data into the external storage device. A laptop computer of a reputed brand shall be provided along with the machine. It should include necessary software to read and process the archived data. Necessary

interfaces (plug and cable) for the connection between machine control system and the laptop also to be provided. Further all the necessary software for access CNC / PLC of machine program shall be installed in the laptop.

- vii. Should be available the remote fault diagnosis facility and as well as remote operation monitoring facility.(by using mobile broadband)
- viii. Operating and programming instructions for the control system shall be provided.
- ix. Ladder diagram of the control system shall be provided
- x. In addition to the programs in Clause 6.iv, machining programs for SLR different wheel profiles shall be stored within the Machine's CNC control system and a backup copy is also to be provided. Necessary software or interfaces required to program new machining profile for SLR future requirements shall be supplied.

## **7. Hydraulic System**

- i. Hydraulic system shall be European, USA or Japanese make.
- ii. Hydraulic hoses of reputed make shall be used.
- iii. Hydraulic oil used in the machine shall be readily available reputed brand in Sri Lanka.
- iv. All cylinder seals and "O" rings in the machine shall be reputed make.
- v. Details shall be provided along with the offer

## **8. Machine Safety**

Safety devices and interlocking devices shall be incorporated to ensure complete protection to the operator, machine and as well as the machining process from all operational failures. The machine shall at least be equipped with following features.

- i. Emergency stop buttons shall be provided at important positions
- ii. Chip Breaking Control
- iii. Tool retraction after tool break
- iv. Tool retraction in the case of power failure
- v. Anti-Slip control system
- vi. Operator protection against chips

In addition to the above, the machine should include all safety features that ensure smooth and safety operation.

## **9.**

- i. Any machine part shall not touch with the components fitted to the wheel set.

- ii. The machine shall consist of an additional 2 nos. tool holders for machining internal and external surfaces of wheel brake discs.
- iii. The machine shall consist of accurate wheel diameter measuring and wheel profile measuring system.

## 10. Reference Wheel set

Reference wheel set shall be provided for the calibration of machine's measurements system. It should be delivered with a storage rack and covering tarpaulin.

## 11. Automatic conveyor type chip disposal system

A chip conveyor and chip disposal system is to be installed in a pit below the machine for effective collection of chips discharged in the machining process. Chip discharge end is to be at suitable height above normal ground level. Chips fallen on the conveyor belt is to be conveyed continuously till the exit point. A suitable mechanism for collecting of disposed chips shall be provided.

Conveyor will be get switched ON automatically once the cycle starts command given through CNC. It shall be a heavy-duty steel belt type one. Safety protection shall be incorporated in the event of Jam or overload.

Details shall be forwarded with the offer.

## 12. Chip mill

The machine shall have system to reduce the size of the chips and metal chippings produced haul. The disposed chips are to be crushed into small fragments in the chip mill before fall onto a chip conveyor.

## 13. Wheel machining accuracy

i. Maximum Dia. difference between Wheels	- $\leq 0.1\text{mm}$
ii. Maximum Radial run out at the tread Dia.	- $\leq 0.1\text{mm}$
iii. Maximum Axel run out on the edge the Wheel set	- $\leq 0.2\text{mm}$
iv. Surface roughness when machining the profile	- $\text{Ra} \leq 12\mu\text{m}$
v. Surface roughness of side faces of the Wheel Rim	- $\text{Ra} \leq 25\mu\text{m}$
vi. Profile Deviation	- $\leq 0.1\text{mm}$

## 14. The Working Precision for machining Brake discs

i. Axial Run out	$\leq 0.01\text{mm}$
ii. Brake disc flatness	$< 0.1\%$
iii. Surface roughness of the brake disc	- $\text{Ra} \leq 5 \mu\text{m}$

## 15. Productivity

The productivity of the machine should be more than 24 wheel sets in 08 hours considering radial material removal of 6 mm on minimum wheel diameter of 900 mm.

The total cycle for each wheel set will include the following activities.

- Wheel set loading to the machine
- Pre- measurement of wheel set
- Tread Profile Machining

- Post- measurement of wheel diameter
- Unloading and roll out of wheel set from machine

## **16. General Requirements**

### **16.1 Technical support & maintainability**

#### **(i) Catalogues, Drawings and Manuals**

All Catalogues, Drawings and Manuals shall be in English language. Detailed and dimensioned working drawings must be supplied in A2 size paper, A3 size album and soft copies of same in AutoCAD or PDF format. All dimensions must be given in millimeters. All lettering and markings on drawings shall be in English language and internationally accepted symbols. Electrical circuit/wiring diagrams should be provided along with component descriptions mentioned.

Detailed Mechanical and Electrical parts catalogues, maintenance manual with details of overhauls, preventive maintenance and services, and operation manual must be provided in the form of a A4 size book, giving explored views of all assemblies, part numbers and dimensions or generalized specification (where applicable), and all these information to be given soft copies in PDF format in addition. Five hard copies must be provided from each of the catalogues, drawings.

#### **(ii) Maintenance Tools, standard accessories and spare parts**

Manufacturer shall guarantee to undertake to supply the spare parts necessary for maintenance of machines for 25 years

Following list of details shall be submitted with the offer.

- i. Standard tool kit required for maintenance
- ii. Standard accessories such as circumference measuring facilities
- iii. Consumable spare parts and cutting tools required for operation of the machine

Following list of items shall be supplied with the machine.

- i. All the necessary tools for the maintenance and major overhauls
- ii. Standard accessories such as circumference measuring facilities

The manufacturer shall provide detailed illustrative drawings of the parts necessary for normal maintenance, part numbers and names and addresses of the component manufacturers of the spare parts necessary for the maintenance of this machine so that the Sri Lanka Railways could source those spare parts through worldwide tenders.

The bidder shall be responsible for fulfilling all the requirements stipulated in this document. Even for those parts sourced from other companies by the bidder in order to manufacture these machines.

### **(iii) After Sales services**

- i. The bidder /local agent/ manufacturer shall be responsible for ensuring the smooth operation of the machine against any faulty design, inferior material and bad workmanship by sourcing spares, components throughout the warranty period.
- ii. The bidder/ local agent/ manufacturer shall be responsible to carry out the necessary services and major overhauls of the machine for the first 02 years, as specified in the maintenance catalogue. The cost of any item which is required to replace in routine services and major overhauls shall be borne by the supplier. Details to be specified in the Annual Maintenance Agreement in CC 38.
- iii. The bidder/ manufacturer shall forward a quotation for the Annual Maintenance of the machine for the third year from the date of commissioning, as per recommended by the manufacturer.
- iv. The bidder shall maintain a technical assistance facility in Sri Lanka including workshop facility and trained staff.

### **16.2 Training**

- a) Bidder shall provide at least 10 days training to SLR staff for trouble free operation and maintenance of supplied equipment. The training shall include class room training and also on-the-job training at SLR facilities. SLR may depute up to 20 personnel for this training. The staff to be trained will include the operators, electrical and mechanical maintenance staff and officers. Training of maintenance staff shall include a guide on fault identification – rectification and as well as schedule maintenance.

Suitable training modules should be provided to suit the job specifications of the personnel to be trained.

- b) Bidder shall depute qualified, English speaking personnel / engineer(s) for this purpose and all costs related to travel, boarding and lodging, local conveyance etc. for the trainer will be borne by the bidder. SLR will not pay any per day charges or allowances towards such services.

### **16.3 Installation, Commissioning, Testing and Supervision of machines**

- a) The successful bidder shall undertake to transport the machine to the Chief Mechanical Engineer's Workshops of Sri Lanka Railways in Rathmalana, Sri Lanka and unload at site, on his expenses. On request the SLR may provide assistance by way of labour and equipment the cost of which shall be borne by the bidder.
- b) The successful bidder shall submit the details of the accessories required for the installation such as resilience pads, anchor bolts etc with the foundation drawing and the items if any, which shall be required to be used at the foundation construction work shall have to be received by SLR on or before 03 months from the LC.

- c) Supplied machine will be commissioned and tested under supervision of SLR engineer(s).
- d) After the commissioning of the machine the bidder/ manufacturer shall arrange suitable technical staff make available in Sri Lanka to assist SLR staff for a period of 01 month.
- e) All costs related to travel, boarding and lodging, local conveyance etc. will be borne by the bidder. SLR will not pay any per day chargers or allowances towards such services.
- f) Bidder should confirm that the bid price is inclusive of these service charges and that no separate charges shall be demanded towards these services.

**17. The following details shall be submitted with the offer.**

- i. Machine Dimensions and weight
- ii. Major parts of the machine offered and purpose of the parts
- iii. Cutting speeds and feeds
- iv. Measuring facilities and devices
- v. Main drive output
- vi. Lifting and holding mechanism and capacity
- vii. Details of machine lubrication system and type of lubricant
- viii. List of standard accessories supply with the machine without additional cost
- ix. Details of safety controls
- x. Make and country of manufactured of tool posts and cartridge cutting tools
- xi. Special features of the machine
- xii. All other relevant details
- xiii. Productivity
- xiv. List of the manufacturers of major components / spare parts (including items mentioned in clause 5, 6 and 7 of Technical specification)
- xv. Any Bidder who shall not submit the requested details in above 17.i to 17.xiii, clause 5, 6 and 7 of Technical Specification will be disqualified and rejected.

**18. Bidder's Written Consent**

Bidder shall submit written consent to the purchaser confirming to the tender conditions as per the tendering specifications along with,

- a) Make, model and country of Origin of the product.
- b) Warranty provided
- c) After sales
- d) Provision of Training
- e) Testing and Commissioning
- f) Spare parts availability and after sales services.

# Drawings

Page No.

1. DE 3221/00	77
2. P.2175/03	78

## Compliance Sheet

\* Please refer the relevant serial number of the technical specification for the detailed description

<b>Serial No.</b>	<b>*Description</b>	<b>Bidder's Compliance</b>	<b>Remarks</b>
1	General Description	Yes/No.	
2	Scope of supply		
2.i	Re-profiling worn out and newly disc wheel sets	Yes/No.	
2.ii	Simultaneous machining of both the wheels of wheel set	Yes/No.	
2.iii	Machining the external faces of all wheel profiles -DE 3221/00 & P 2175/03	Yes/No.	
2.iv	Turning the faces of internal shaft brake disc as well as internal and external wheel brake discs	Yes/No.	
2.v	Machining inner and outer faces of wheels of wheel set	Yes/No.	
2.vi	Undertaking depth of cuts up to 6 mm	Yes/No.	
2.vii	The offered system shall be capable of handling wheel sets, which are likely to have a fair amount of dust, grease, grime etc. on them	Yes/No.	
2.viii	Machining of Wheel sets, with outer or inner bearings	Yes/No.	
2.ix	Measure the polygon and equivalent conicity of wheel set and maintain precise values	Yes/No.	
	Availability of friction rollers	Yes/No.	
3	Working Area	Yes/No.	
4	Working parameters	Yes/No.	
5	Electrical Data		
5.i	Operating Voltage 50 Hz ,400V, 3 phase or 50 Hz, 230V, single phase	Yes/No.	
5.ii	All motors, switchgears, sensors, limit switches etc shall be reputed brand of European, USA or Japanese make	Yes/No.	
5.iii	suitable overload, surge, transient, over voltage and under voltage protection	Yes/No.	
5.iv	Main drives shall be driven by induction motors with frequency controlled with inverters, forces air cooling and electrical braking.	Yes/No.	
5.v	Electrical power and control cabinets – dust proof, temperature controlled and sufficient lighting	Yes/No.	

5.vi	Necessary indicator lamps and display instruments shall be provided to easy visualization of operation conditions	Yes/No.	
6	Control System		
	CNC based control system to control machining process, measurements and PLC based control system to control the machine functions.	Yes/No.	
6.i	Control voltage below 230V AC or 12V DC / 24V DC	Yes/No.	
6.ii	Control system shall be of CNC / PLC of SIEMENS make	Yes/No.	
6.iii	The machine shall consist of a MMI	Yes/No.	
6.iv	Backup copy of all machine programs in a CD or a pen drive with the ability of fed into the control system	Yes/No.	
6.v	Easy fault finding mechanism	Yes/No.	
6.vi	Machine with USB port and branded laptop with all necessary software	Yes/No.	
6.vii	Remote fault diagnosis facility	Yes/No.	
6.viii	Operating and programming instructions for the control system shall be provided	Yes/No.	
6.ix	Ladder diagram of the control system shall be provided	Yes/No.	
6.x	Necessary software or interfaces required to program new machining profile	Yes/No.	
7	Hydraulic System	Yes/No.	
8	Ensure Machine safety	Yes/No.	
8.i	Emergency stop buttons shall be provided at important positions	Yes/No.	
8.ii	Chip Breaking Control	Yes/No.	
8.iii	Tool retraction after tool break	Yes/No.	
8.iv	Tool retraction in the case of power failure	Yes/No.	
8.v	Anti-Slip control system	Yes/No.	
8.vi	Operator protection against chips	Yes/No.	
9.i	Any machine part shall not touch with the components fitted to the wheel set.	Yes/No.	
9.ii	The machine shall consist of an additional 2 nos. tool holders for machining internal and external surfaces of wheel brake discs	Yes/No.	
9.iii	The machine shall consist of accurate wheel diameter measuring and wheel profile measuring system.	Yes/No.	
10	Reference wheel set for calibration	Yes/No.	
11	Availability of automatic conveyor type chip disposal system	Yes/No.	
12	Availability of chip mill	Yes/No.	
13	Wheel machining accuracy	Yes/No.	
14	The Working Precision for machining Brake discs	Yes/No.	

15	Productivity – 24 wheel sets in 08 hours	Yes/No.	
16	General Requirements		
16.1(i)	Catalogues, Drawings and Manuals	Yes/No.	
16.1(ii)	Maintenance Tools, standard accessories and Spare parts	Yes/No.	
16.1(iii)	After Sales services	Yes/No.	
16.2	Training	Yes/No.	
16.3	Installation, Commissioning, Testing and Supervision of machines	Yes/No.	
17	Details to be submitted with the offer	Yes/No.	
18	Bidder's written consent	Yes/No.	

Date.....

.....  
Signature and Official Stamp of the Bidder

## Section VII. Contract Data

The following Contract Data shall supplement and / or amend the Conditions of Contract (CC). Whenever there is a conflict, the provisions herein shall prevail over those in the CC.

CC 1.1	The Purchaser is: Sri Lanka Railways
CC 1.1	The name and identification number of the contract are,  Procurement for the Supply, Installation, Commissioning and Handing Over of 01 No. of <b>CNC Surface Wheel Lathe Machine</b> IFB No. SRS/F. 8030
CC 4.5	Add the following to CC 4: For purpose of the Contract “DDP”, “CIP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris.
CC 6.2	Add the following to CC 6: The manufacturer shall not be allowed to bid through a joint venture, consortium or association.
CC 7.1	The goods supplied under this contract shall conform to Specifications issued with this Bid.  Eligible Bidders: <ol style="list-style-type: none"><li>i. All bidders shall possess legal rights to supply the Goods under this Contract.</li><li>ii. A bidder shall not have a conflict of interest. All bidders found to have conflict of Interest shall be disqualified. Bidders may be considered to have a conflict of interest with one or more parties in this bidding process, if they submit more than one bid in this bidding process.</li><li>iii. A bidder that is under a declaration of ineligibility at the date of submission of bid or at the date of Contract Award, shall be disqualified.</li></ol>

CC 8.1	<p>For <b>Notices</b>, the Purchaser's address shall be:</p> <p>Attention: The General Manager.  Address: Sri Lanka Railways,  Railway Headquarters, ,  Olcott Mawatha,  Colombo 10, Sri Lanka.</p> <p>Telephone: 94 (11) 2431177  Facsimile number: 94(11) 2446490  Electronic mail address: <a href="mailto:gmrslr@slt.net.lk">gmrslr@slt.net.lk</a></p>
CC 12.1	<p>Details of shipping and documents to be furnished by the Supplier shall be:</p> <p><b>For Goods supplied from abroad as per Incoterms DDP: (Rathmalana workshop, Colombo, Sri Lanka)</b></p> <p>Upon shipment, the Supplier shall notify the Purchaser and the Insurance Company by telex or fax the full details of the shipment, including Contract number, description of Goods, quantity, the vessel, the bill of lading number and date, port of loading, date of shipment, port of discharge, etc. The Supplier shall send the following documents to the Purchaser, with a copy to the Insurance Company:</p> <ul style="list-style-type: none"> <li>a) Two (2) copies of the Supplier's invoice showing the description of the Goods, quantity, unit price, and total amount;</li> <li>b) A copy of the negotiable, clean, on-board bill of Lading marked "freight prepaid" and two (02) copies of nonnegotiable bill of lading. Upon unloading at destination, the supplier shall send the following documents to the purchaser "Original and two copies of tax and duty payment certificates"</li> <li>c) Two (2)copies of the packing list identifying contents of each package;</li> <li>d) Insurance certificate;</li> <li>e) Manufacturer's or Supplier's warranty certificate;</li> <li>f) Inspection certificate, issued by the nominated officers appointed by SLR and the Supplier's factory inspection report; and shipping clearance issued by the Purchaser</li> <li>g) Certificate of origin</li> </ul> <p>The Purchaser shall receive the above documents at least one (1) week before arrival of the Goods at the port or place of arrival and, if not received, the Supplier will be responsible for any consequent expenses.</p>

<b>CC 15.1</b>	<p><b>Payments in case of foreign bidders shall be made as follows:</b></p> <p>(a) Advance payment 20% of the goods value (CIP value) less local agent's commission shall be made within 28 days of signing of the Contract, upon the request present by the supplier for payment accompanied by an Advance Payment Security in the form of an unconditional bank guarantee from a local bank or internationally reputed bank counter guaranteed by a bank operating in Sri Lanka, approved by the Central bank of Sri Lanka for an amount equal to the amount of the payment and that shall be valid until the goods are delivered.</p> <p>(b) On issue of pre-shipment inspection certificate and the goods received by Sri Lanka Railways, the purchaser shall pay the supplier 40% of the goods value (CIP value) less local agent's commission through irrevocable letter of credit opened in favor of the supplier, upon submission of documents specified in CC 12.1</p> <p>(c) On the final acceptance certificate issued by SLR 35% of value of goods (CIP value) less local agent's commission and on completion of training and 01 month supervision period 95% value for installation, commissioning, supervision and training shall be made through irrevocable letter of credit opened in favor of the supplier. The cost of all taxes/ duties at import point, handling and delivery charges shall be paid upon submission of a claim within 28 days. All original payments receipts related to the paid taxes/ duties at import point to be submitted along with the claim to verify the actual payments done.</p> <p>(d) Value for major overhauls and manufacturer's recommended services shall be paid annually from the date of commissioning upon submission of the claim and acceptance by the purchaser</p> <p>(e) On completion of the of the contract pursuant to Clause 27 of CC, 05% goods value (CIP value) less local agent's commission and 05% value for installation, commissioning, supervision and training shall be paid upon submission of the claim. In the case of the supplier's request, the retention amount may be released against the unconditional bank guarantee which equal to the retention amount and cover the entire warranty period.</p> <p>(f) Local agent's commission shall be paid in LKR on completion of commissioning, supervision and training and issuing of final acceptance certificate, at the rate of exchange prevailing on the date of negotiation of the documents by the supplier.</p>
<b>CC 16.1</b>	<p>For goods manufactured outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's Country.</p>

<b>CC 17.1</b>	<p>A Performance Security:</p> <p>The amount of Performance Security, as a percentage of the contract price, shall be ten percent (10%) of the Contract Price.</p> <p>Within fourteen (14) days of receipt of the Notification of Award of the Contract the successful Bidder shall furnish to the Purchaser an on demand performance security.</p>
<b>CC 17.4</b>	<p>The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days after issuing the acceptance certificate on successful completion of installation, commissioning, supervision and training of CNC Surface Wheel Lathe Machine as specified in the delivery schedule. Any failure of the machine and other related handing over work within the said period will result in the performance Security being forfeited.</p>
<b>CC 22.1</b>	<p>The packing, marking, and documentation within and outside the packages shall be:</p> <p>The supplier shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the contract.</p>
<b>CC 23.1</b>	<p>The insurance coverage shall be in accordance with:</p> <p>The insurance coverage shall be in accordance with: Pursuant to Condition of Contract Sub clause 23.1, the Supplier must insure the Goods in an amount to equal to 110% of the CIF, CIP or EXW price of the Goods from “Warehouse” to “Warehouse” on “All Risks” basis, including War Risks and Strikes</p>
<b>CC 24.1</b>	<p>Obligations for transportation of the Goods shall be in accordance with: Incoterms 2010.</p> <p>The supplier shall be responsible for the expeditious clearing of goods from the port and handing over the same to the project site at Rathmalana, Sri Lanka.</p>
<b>CC 25.1</b>	<p>Tests and Inspections shall be carried out at the following times or milestones, and places :</p> <p>The inspection should be carried out in two stages at the factory of the manufacturer while the machine is in production and after completion of manufacturing of the machine.</p> <p>The quality of production including materials, equipment and sub systems prior to assemble into the machine may be inspected at the first stage. The inspection of the operations and tests may be conducted at the manufacturer’s facility after the production of machine at the second stage.</p> <p>Such inspectorate shall comprise 2 technical persons at a time in 2 stages and 7 days of each visit excluding travelling</p> <p>The cost of inspection shall be borne by the purchaser. Reasonable facilities and assistance including access and production data shall be furnished to the inspectors appointed by the purchaser during the inspection.</p>
<b>CC 25.2</b>	<p>The Pre shipment inspections and tests shall be carried out as follows;</p> <p>a). Inspector shall carry out all necessary tests to ensure the</p>

	<p>compatibility of the goods to the approved specification and the contract agreement.</p> <p>a) 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.</p> <p>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.</p> <p>b) The supplier shall notify the purchaser in writing, with at least 30 calendar days of notice, of the date on which any of the supply will be ready for inspection.</p> <p>c) 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 accommodation and 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.</p> <p>d) 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.</p> <p>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.</p> <p>e) 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 CC 27 hereof, notwithstanding any certificate or approval previously issued by the Inspector.</p> <p>f) 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.</p>
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CC 26.1	The liquidated damage shall be 0.5% per week and the maximum amount of liquidated damages shall be 05%.
CC 27.3	<p>The supplier will be required to guarantee the goods supplied for a period of five (05) years from the date of commissioning against the faulty design, inferior material or bad workmanship.</p> <p>The 05% for the contract price retained as per CC Clause 15.1 above will be released after the successful completion of the total warranty period after deducting any dues.</p>
CC 27.5	<p>The supplier shall have the required accessories and warranty spares to ensure the smooth operation of the machine during the warranty period.</p> <p>The supplier shall promptly attend to any faulty operation reported by the Purchaser in written, email or via telephone message during the warranty period free of cost to the Purchaser.</p> <p>Any fault shall be mutually investigated and agreed whether the issue is due to a faulty design, inferior material or bad workmanship.</p> <p>If the supplier needs to import any spare part, with the joint agreement with the Purchaser, a period of two (02) months will be allowed to rectify the issue with no cost to the Purchaser. The replacing spare part shall be OEM certified brand new product.</p> <p>In case of failure the rectification work within the specified period above the supplier will be imposed a penalty of USD 25 per day to cover the day loss.</p>
CC 36	<p>Add: Commissioning</p> <ul style="list-style-type: none"> <li>a) Supplier or his authorized representatives shall have to carry on the commissioning work together with the Purchaser staff at the Purchaser's premises.</li> <li>b) It is Supplier's responsibility to hand over the CNC Surface Wheel lathe at Purchaser's satisfaction</li> <li>c) Purchaser shall issue the acceptance certificate after ensuring the machine is in good working condition, at his satisfaction</li> </ul>
CC 37	<p>Add: Training</p> <ul style="list-style-type: none"> <li>a) Supplier shall arrange training sessions at Purchaser's premises to Purchaser's staff at least 20 personal on operation and maintenance of the supplied CNC Surface Wheel Lathe.</li> </ul>

CC 38	<p>Add: Annual Maintenance Agreement</p> <ul style="list-style-type: none"> <li>a) Bidder shall submit the work to be carried out and their terms and conditions of the Annual Maintenance Agreement with the bid</li> <li>b) Successful Supplier shall carry out the Annual Maintenance work for the first two years from the date of commissioning.</li> <li>c) Bidder shall submit the cost for the Annual Maintenance Agreement for the third year</li> <li>d) Purchaser shall continue the Annual Maintenance Agreement with the supplier after the second year or carry out the recommended services by own at his discretion.</li> </ul>
CC 39	<p>Add : Country of Origin</p> <ul style="list-style-type: none"> <li>a. The country of origin shall be clearly stated by the Bidder for each item to be purchased in the offer.</li> <li>b. For purposes of this clause “Origin” means the place where the Goods were mined, grown or manufactured or from which the services are supplied.</li> <li>c. The origin of Goods and Services is distinct from nationality of the supplier.</li> </ul>

## **Invitation for Bids**

### **SRI LANKA RAILWAYS**

#### **PROCUREMENT FOR THE SUPPLY, INSTALLATION, COMMISSIONING AND HANDING OVER OF 01 NO. OF CNC SURFACE WHEEL LATHE MACHINE FOR SRI LANKA RAILWAYS SRS/F. 8030**

1. The Chairman, Department Procurement Committee (Major) on behalf of Sri Lanka Railways, Railway Head Quarters, P.O. Box 355, Colombo, Sri Lanka will receive sealed bids from eligible and qualified bidders for the Supply of 01 No. of CNC Surface Wheel Lathe Machine to Sri Lanka Railways. Bidders may submit their bids through an accredited agent empowered by them with Power of Attorney.
2. Bidding will be conducted through International Competitive Bidding.
3. Interested eligible bidders may obtain further information and inspect the Bidding Documents at the address given below from 9.00am to 3.00pm.

Deputy General Manager (Procurement),  
Railway Procurement Sub Department,  
Olcott Mawatha,  
Colombo 10, Sri Lanka.

Telephone Nos. : 94 (11) 2438078 or 94(11) 4600202  
Fax No. : 94(11) 2432044  
Email : [srs.slr@gmail.com](mailto:srs.slr@gmail.com), [tender1@railway.gov.lk](mailto:tender1@railway.gov.lk)  
Website : [www.railway.gov.lk](http://www.railway.gov.lk)

4. The bidder who shall fulfill the following requirements are eligible to bid.
  - Manufacturers having 10 years experience in manufacturing and last 05 years in exporting of similar CNC Surface wheel lathe machines and having valid ISO or equivalent certificate for manufacturing of CNC wheel lathe machines
  - Bidders, if manufacturer and bidder are not same, having experience in successful completion of similar nature contracts outside his own country and ability of providing technical support within Sri Lanka
  - Local agent having experience in handling high value supplies such as rolling stock or heavy machineries or being as a registered supplier at SLR for last 5 years and having own workshop facility.
5. All bids must be accompanied by a Bid security. Amount of Bid security shall be Rs. 4,000,000.00 and shall be an unconditional guarantee issued by Bank operating in Sri Lanka and approved by the Central Bank of Sri Lanka.
6. A complete set of Bidding Documents in English Language may be purchased by interested bidders on the submission of a written application to the address of the Deputy General Manager (Procurement), Railway Procurement Sub Department, Olcott Mawatha, Colombo 10, Sri Lanka or Sri Lanka Missions abroad from **05/12/2024** to **16/01/2025** up to 3.00 p.m. (Sri Lanka Time) on payment of a non-refundable procurement fee of **Rs. 55,000.00** only or an equivalent sum in a freely convertible currency.
7. Pre bid meeting shall be on **20/12/2024** at **10.00am** at Chief Mechanical Engineer's sub department, Rathmalana.

8. Bids must be delivered to the address below on or before **2.00 p.m. on 17/01/2025**

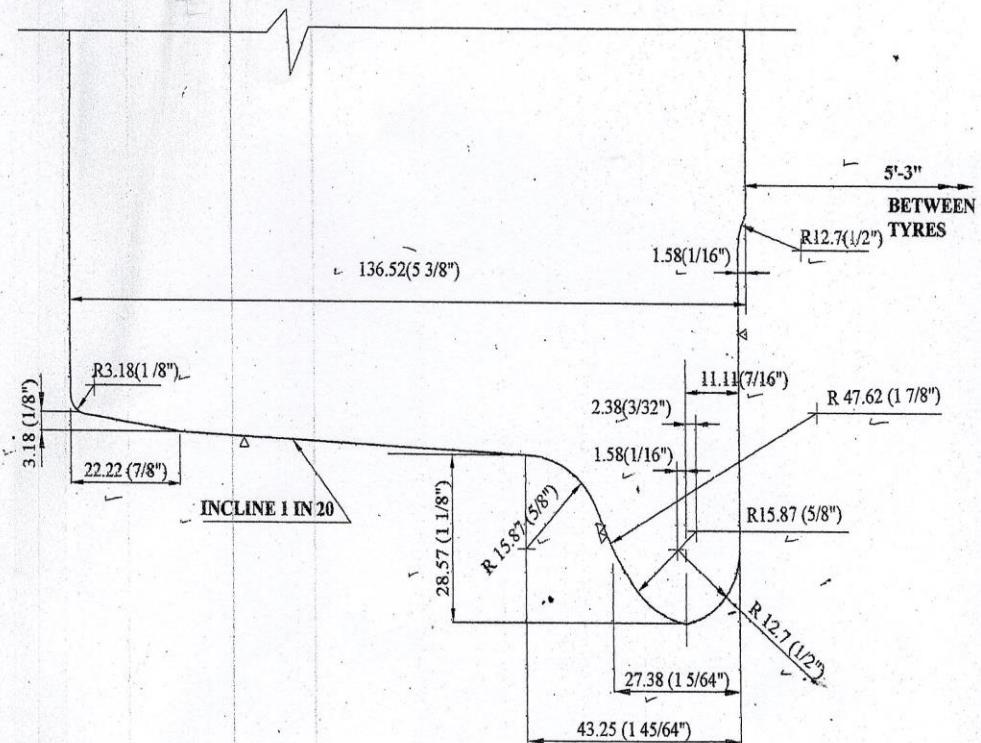
The Chairman,  
Department Procurement Committee (Major)  
Sri Lanka Railways  
Railway Procurement Sub Department  
Olcott Mawatha, Colombo 10, Sri Lanka.

Late bids will be rejected. Bids will be opened in the presence of the bidders' representatives at Room No. 01, 3<sup>rd</sup> Floor, Railway Procurement Sub Department, P.B. 1347, Olcott Mawatha, Colombo 10, Sri Lanka at **2.00 p.m. on 17/01/2025**

The Chairman,  
Department Procurement Committee (Major)  
Sri Lanka Railways.  
Ref No. SRS/F.8030

## **THE LIST OF FOREIGN MISSIONS ABROAD**

1. The Ambassador for the Democratic Socialist Republic of Sri Lanka in Austria, Belgium, France, People's Republic of China, Cuba, Egypt, Berlin, Indonesia, Iran, Iraq, Italy, State of Israel, Japan, Jordan, Republic of Korea, State of Kuwait, Lebanon, Myanmar, Katmandu, The Netherlands, Sultanate of Oman, The Philippines, Poland, State of Qatar, Russian Federation, Kingdom of Saudi Arabia, Sweden, Thailand and U.A.E.
2. The High Commissioner for the Democratic Socialist Republic of Sri Lanka in Australia, Bangladesh, Canada, India, Kenya, Malaysia, Republic of Maldives, Pakistan, Singapore, South Africa and United Kingdom.
3. The Consulate General of the Democratic Socialist Republic of Sri Lanka in Australia, Canada, Bonn, India, Norway, Pakistan, Kingdom of Saudi Arabia, U.A.E and Los Angeles
4. The Deputy High Commissioner of the Democratic Socialist Republic of Sri Lanka in Chennai.
5. Permanent Mission of the Democratic Socialist Republic of Sri Lanka in U.S.A. and Switzerland.



## MATERIAL-

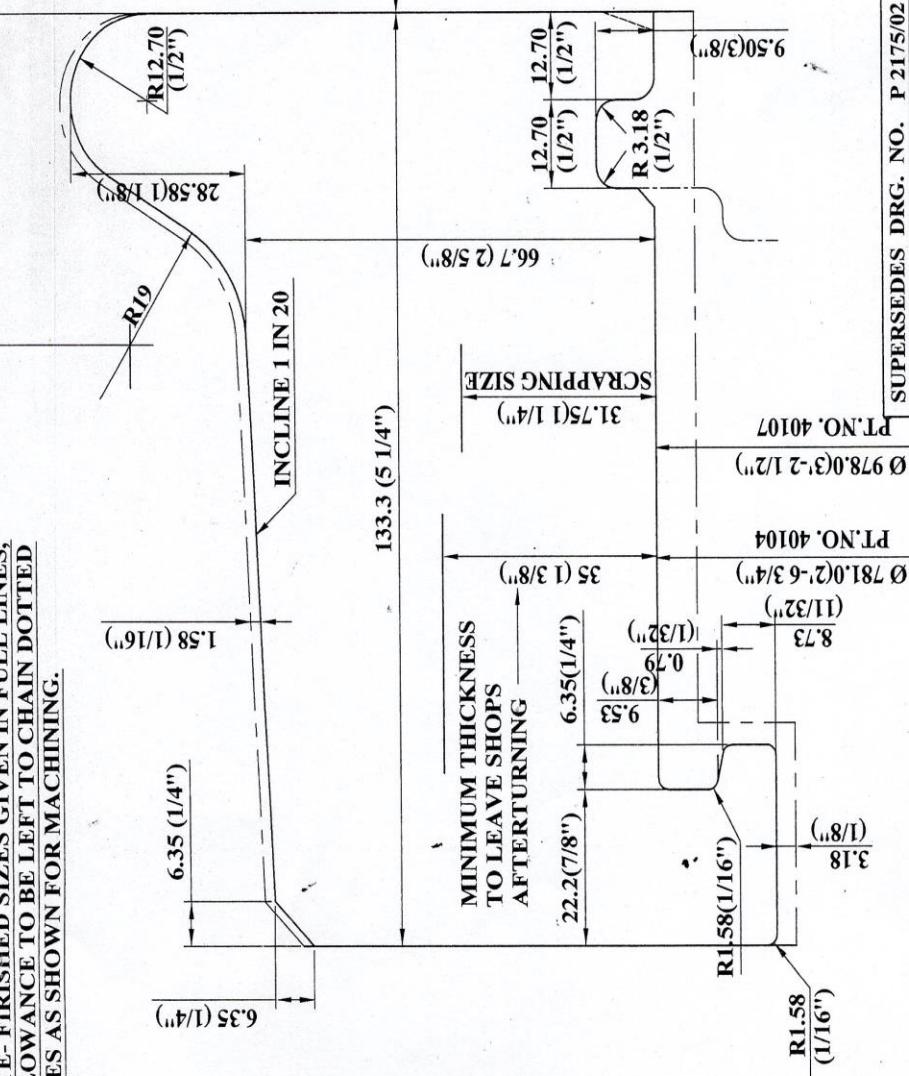
GRADE B6 E STEEL TO BSS 5892 Pt. 4 OF 1992

<input type="checkbox"/> ROUGH MACH'D	<input type="checkbox"/> MACH'D	<input type="checkbox"/> FINISH MACH'D	<input type="checkbox"/> FINE FINISH MACH'D	<input type="checkbox"/> GROUND	<input type="checkbox"/> HARDENED & GROUND	<input type="checkbox"/> FIELD OR ROUGH GROUND	<input type="checkbox"/> CASS. HARD'D & GROUND	<input type="checkbox"/> SKIN HARDENED		
SUPERSEDES DRG. NO.				SUPERSEDED BY DRG. NO.				DRG. NO.	REFERENCE DRGS.	
<b>SRILANKA RAILWAYS - MECHANICAL DEPARTMENT</b>										
DRAWN BY: <i>A. Uduwarka</i>		ALT. SLIP No	TITLE:		LOCO TYRE PROFILE					
CHECKED BY: <i>P. N. A. I. James</i>			SUB-DIVISION:		WHEELS & AXLES					
APPROVED (MED): <i>John Chawla</i>			DIVISION:		LOCOMOTIVES					
APPROVED (CME): <i>J. J.</i>			SCALE:							DE 3221/00
INKED BY:			DRAWER NO.		105					
DATE: 28.01.2008										

**NOTE- FURNISHED SIZES GIVEN IN FULL LINES,  
ALLOWANCE TO BE LEFT TO CHAIN DOTTED  
LINES AS SHOWN FOR MACHINING.**

47.6 (1 7/8")

PART NO - 40104 FOR 914.4 (3'-0") DIA WHEELS



DRG. NO.	DRG. NO.	REFERENCE DRGS.

CAL DEPARTMENT

## STD TYPE SECTION

CHECKED BY:	SUB DIVISION: 3'-0" & 3'-7 3/4"DIA. WHEELS WITH GIBSON RING		
APPROVED (MED):	DIVISION: B.G. CARR. & WAGON & CHINESE 4 WHEELER WAGON		
APPROVED (CME):			
INKED BY:	SCALE:	1:1	D. NO. P 2175/03
DATE: 09-03-2007	DRAWER NO:	106	