

11630798/2022/0/0 Dy CENTS/HQ/SWR

CENTRAL RAILWAY
(Open Line)



No. CRHQOENGGTEND122022

HEADQUARTERS' OFFICE,
ENGINEERING BRANCH
CSMT MUMBAI
Date: 25.05.2022

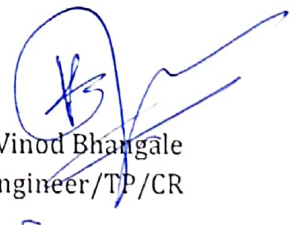
To,
EDTK(M&MC)
Railway Board, Rail Bhavan,
New Delhi-110001

email id : ddcebs2@gmail.com

Sub: Eligibility Criteria for Centralized procurement tender of Metal Liner:
Absence of vendor directory of Decontrolled item (Metal Liner)
Ref: 1. This office letter no CRHQOENGGTEND122022 dated 19.04.2022
2. RB letter no. 2022/TK-II/22/7/1 New Delhi dated 27.04.2022

Vide this office letter ref-1 above, Eligibility Criteria for decontrolled item i.e. Metal Liner was framed and sent to you for further instruction. Vide above ref-2 Rly. Bd. letter dated 27.04.2022, advised to review the proposed eligibility criteria to include generalized criteria of allowing all vendors having similar experience of supplying metal liner/similar metal liner items.

Accordingly, Eligibility Criteria for decontrolled item i.e. Metal Liner is framed again and is duly attached for further instruction please.


Vinod Bhangale
Chief Engineer/TP/CR

Eligibility Criteria of Metal Liners:

- (a) Firm should have appropriate infrastructure, machineries/equipment and manpower to ensure production of metal liner as per STR, functional specification (IRS Specification for Metal Liners for use with Elastic Rail Clips Sr. No. T-56-2020) and other guidelines issued by RDSO & Railway Board from time to time (if any). In this connection notarized undertaking duly signed by authorized representative of tenderer at all pages of **Annexure 3.2** (STR) as per tender document should be uploaded without which offer will be summarily rejected.
- (b) Tenderer must be Class-I Local Supplier adhering to para 28.1.1 (ii) (a) of General Conditions of Tender for Supply Contract. (uploading of **Annexure 3.8** is mandatory without which offer will be summarily rejected).

VINOD
MADHUKAR
BHANGALE

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BHANGALE
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Ramprasad
13/05/22
CE/TP/IER

12/05/2022 O/o DISTRICT
2630798/2026/O/o DY.CE/TS/HQ/SWRAnnexure-3.2**1.0 GENERAL INFORMATION :****1.1 (a) Telephone Numbers:**

(i) Head office : _____

(ii) Works' premises : _____

(b) Telegraphic / Telex address / Fax Nos.:

(i) Head Office : _____

(ii) Works' premises : _____

(iii) E-mail Address : _____

1.2 Managerial Staff :....**a) Shop Floor Engineers / Supervisors. :-----**

(Their number, names, qualification & service experience)

b) Laboratory in-charge whether full or part time :-----

(Indicate his / her name, qualifications & service experience)

c) Inspection & quality control staff :-----

(Give their names, qualification & service experience).

d) Workmen:

(i) Highly skilled : _____

(ii) Semi skilled : _____

(iii) Un-skilled : _____

1.3 Factory Area (in Sq.m.)**a) Covered : _____****b) Uncovered : _____**

Signature


Name in full of signing Authority

Status in the Firm

Stamp of the firm

Place:

Date:


13/05/22

2.0 Referenced Documents:

- 2.1 Indian Railway Standard specification for Metal Liners for use with Elastic Rail Clips, Serial No. T-56-2020.
- 2.2 This is based on Indian Railway standard specification for Metal Liners for use with Elastic Rail Clips, Serial No. T-56-2020 issued by Track Design Dte. of RDSO (Ref: RDSO's letter No. CT/MTL dt.19.01.21). This is also based on previous guideline on Indian Railway standard specification for Metal Liners for use with Elastic Rail Clips (Provisional)-2013. The purpose is to specifically define the guidelines for adequate space needed for storage of raw/finished material, manpower and plant/ machinery & equipment required for manufacture and supply of metal liners.

3.0 ITEM SPECIFIC TECHNICAL REQUIREMENT

- 3.1 All existing firms in RDSO vendor list as on 30.11.21, either bulk or developmental, will be considered as bulk order source. All firms (not included in RDSO vendor list as on 30.11.21, placed as annexure____ to the tender document) will be considered as developmental firm. However, all firms will have to submit following STR in Notarized Affidavit (Annexure-I)

Place:


Date:

Signature

Name in full of signing Authority

Status in the Firm

Stamp of the firm


13/05/22

4.0 SCHEDULE OF TECHNICAL REQUIREMENTS (STR) FOR MANUFACTURE OF METAL LINERS

- i) **Space:-** Covered area with adequate space for storage of finished material should be available.
- ii) **Stacking of Raw Material:-** The rolled bars to be used for manufacturing of metal liners should be stored heat wise separately so that they do not get mixed up.
- iii) **Manpower:** Sufficient experienced man power like manager, supervisor, lab. Incharge, quality control persons and workmen should be available. They should possess qualification depending upon the scope of their works.
- iv) **Technical Requirements:** Plant/ machinery and equipments required are listed as under:

TABLE-A**List of plant/machinery, equipments and accommodations**

S. No.	Item	No.	Capacity	Whether available (Yes/No)
MANUFACTURING FACILITIES				
1.	Power Press	2 nos.	150-200 T	
2.	Bench Grinder	1 no.		
TESTING FACILITIES				
3.	a) Inspection Gauges (Approved by RDSO) b) Inspection Gauges for internal checking c) Inspection Gauges for New Firms not earlier approved by RDSO	Two sets of valid and approved inspection gauges for inspection out of which one set to be retained as master gauge (as approved by RDSO earlier) One set for internal checking conforming to master gauge. Should develop and standardized the inspection Gauges themselves from recognized firm as per this document and standard gauge drawing		
4.	i) A well lit, clean & properly ventilated physical laboratory cum inspection room provided with easily maintainable floor & platform should be available. ii) If Yes, indicate the size of Laboratory.			

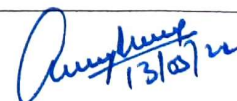
Signature

Name in full of signing Authority

Status in the Firm

Place:

Date:



13/05/22

12/01/2022 O/o DISTRICK
2630798/2026/O/o DY.CE(TS)/HQ/SWR

Stamp of the firm				
S. No.	Item	No.	Capacity	Whether available (Yes/No)
5.	Chemical Testing:			
(i)	(a) Carbon & Sulphur apparatus with suitable chemicals for analyzing C, Si, Mn, S & P elements (b) Muffle Furnace (c) Analytical Balance (d) Other apparatus for the chemical / metallurgical test lab. or Through Spectrographic facility approved by RDSO/Govt or NABL accredited laboratory for which consent letter from the lab is desired.	One set		
6.	Brinell Hardness Tester (BHN / HB) scale equipped with inbuilt camera for capturing image of indentation and capable of displaying image and measuring its size in fully automatic mode along with provision for displaying hardness as well. The system should have facility of storage of image and test results with details of sample. The salient features of Machine shall be as per Annexure –I.	1 no.	3000 kgf.	
7.	Standard test block within the range of 100-200 BHN	1 no.		
8.	Vernier Callipers	1 no.		
9.	Dish or trays made of porcelain, heat resistant glass or a corrosion resistant glass or a corrosion resistant alloy of suitable size to store the hot acid for dipping the liner to check the surface defects	1 no.		
10.	Hot Plate	1 no.		
11.	Universal Testing Machine with bending facility of Class one or better (as per Clause 7 of IS 1828 part I : 2005 or latest) with facility for load rate control to facilitate operation of machine through a personal computer from a safe distance from location of machine. The machine should be calibrated from time to time by NABL Accredited laboratory. The salient features of machine shall be as per Annexure –II.	1 no.	200 KN min.	

Signature

Name in full of signing Authority

Place:



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Date:

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S. No.	Item	No.	Capacity	Whether available (Yes/No)
12.	Metallurgical Microscope, 100 X magnification with facility of eye piece for grain size and inclusion rating comparison	1 no.		
13.	Micro polishing Machine with Polishing reagents like Chromium Oxide or Diamond Paste	1 no.		
14.	Availability of grain size and inclusion rating charts duly enlarged.	1 no.		
15.	Charpy Impact Test Machine	1 no.	27J (Min)	
TOOL ROOM FACILITIES				
16.	i) Shaper, ii) Surface grinder iii) Nose grinder iv) Hand Saw	1 no. 1 no. 1 no. 1 no.		
17.	Source of raw material/metal liner bar (In house rolling Mill shall be preferred) :			
18.	Are all manufacturing & testing facilities available on the same unit			

Please Note: Non confirmance to any of the requirements stated in Table-A above will result in summarily rejection of the offer without assigning any reason thereof.

Signature

Name in full of signing Authority

Place:

Status in the Firm

Date:

Stamp of the firm

158315-2022-O/o DISTRICK
2630798/2026/O/o DY.CE(TS)/HQ/SWR**5.0 DECLARATION:**

- (i) We do hereby declare that the above particulars are correct and no discrepancy shall be found during actual investigation before and during execution of order on our firm.
- (ii) Any change in the plant and machinery and change of place of office and of works site shall be brought to the notice of concerned zonal railway for clearance and approval.
- (iii) We also declare that our concern has not been black-listed by Railway / Railway Board / RDSO for business with the Railways.
- (iv) We hereby undertake that all our equipments for manufacturing and testing as listed above shall be maintained in good working order at all times.
- (v) Zonal Railway/RITES reserves the right to inspect the firm's premises for checking the compliance of STR at any stage after the opening of tenders and any non-conformance may attract penal action including cancellation of contract and forfeiture of earnest money, performance guarantee, security deposit or any other dues payable to the firm.

Signature

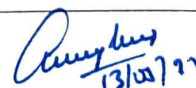
Name in full of Signing Authority

Place :

Date :

Status in the Firm,

Stamp of the firm



Annexure – I
Technical Specification for computerized Brinell Hardness Tester Capacity 3000Kgs**1. Description:**

Computerized Brinell Hardness Testing Machine with Load Capacity of 3000 Kgs. having camera to capture image of indentation with minimum following features –

- Indentation Image with auto date and time from system
- Identification mark of Sample under Testing
- Measurement of Hardness in Auto and Semi Auto mode along with manual measurement.
- Saved Image can be used for rechecking hardness of sample afterwards.
- PC based compatible with windows features

2. Purpose:

To take hardness of ferrous material on Brinell Scale.

3. Technical Requirement:

S.No.	Description	Units	Requirement
1.	Total loads	Kgf	3000
2.	Magnification of object	-	2X and higher
3.	Max. Test height	mm	410
4.	Scale least count	mm	.01
5.	Measurement range	mm	1-6
6.	Indentor	mm	5

4.0 Additional Facility in Software

The software system should be capable of preserving the indentation image in computer memory. The software should facilitate auto incorporation of date and time of testing from computer memory and this data should be in-editable.

Signature

Name in full of signing Authority

Status in the Firm

Stamp of the firm

Place:

Date:



Annexure –II**SPECIFICATION OF UNIVERSAL TESTING MACHINE**

The equipment is used for Tensile, compression and bend test of materials

TECHNICAL DETAILS:

Technical Specification for Computer Controlled Servo hydraulic Universal Testing Machine

Driving method:	Hydraulic System
Test Curve mode:	Stress-strain Curve
Output Parameters from Computer:	Yield strength, Max Load point, breaking strength, Tensile strength, deformation, elongation,
Maximum Capacity:	200 KN
Load resolution:	20 N or better
Load accuracy	±1% or better
Strain measuring accuracy:	±1% or better
Speed	2-40 mm/min
Grips for round specimen (mm)	8-30 or better
Grips for flat specimen (mm)	0-20 or better
Bending distance between rollers (mm)	50-300
Mandrel diameter for bend test	18 mm to 60 mm
Bend test	Internal dia. 2t at 180° (U –Shape)

Standard accessories

Grips for round specimen - 2 sets each (minimum)

Grips for flat specimen - 2 sets each (minimum)

Transverse/bending attachment – 1 set

Electronic extensometer (travel 25 mm min.) – 1 set

[Note: Non-availability of any requirements as mentioned above will be treated as summarily rejection of Offer.]

Signature

Name in full of signing Authority

Place:

Status in the Firm

Date:

Stamp of the firm

Amey Desai
13/05/22

Annexure 3.4**Model Clause/Certificate for bidder from Land border Country.**

(Ref. Rly Board letter No. 2020/RS(G)/779/2 dt.06.08.20.)

Model Clauses for Tenders

I. Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority.

II. "Bidder" (including the 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.

III. "Bidder from a country which shares a land border with India" for the purpose of this Order means:-

- a. An entity incorporated, established or registered in such a country; or
- b. A subsidiary of an entity incorporated, established or registered in such a country; or
- c. An entity substantially controlled through entities incorporated, established or registered in such a country; or
- d. An entity whose *beneficial owner* is situated in such a country; or
- e. An Indian (or other) agent of such an entity; or
- f. A natural person who is a citizen of such a country; or
- g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above.

IV. The *beneficial owner* for the purpose of (iii) above will be as under:

1. In case of company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.

- a. "Controlling ownership interest" means ownership of or entitlement to more than twenty-five per cent, of shares or capital or profits of the company;
- b. "control" shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements;

2. In case of partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;

3. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;

4. Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;

5. In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

V. An Agent is a person employed to do any act for another, or to represent another in dealings with third person.

VI. [To be interested in tenders for Works contracts, including Turnkey contracts] The successful bidder shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority.

Model Certificate for Tenders (for transitional cases as stated in para 3 of this Order)

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I hereby certify that this bidder is not from such a country and is eligible to be considered."

Model Certificate for Tenders

"I have read the clause regarding restrictions on procurement form a bidder of a country which shares a land border with India; I certify that this bidder is not form such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached.]"

Model Certificate for Tenders for Works involving possibility of sub-contracting

"I have read the clause regarding restrictions on procurement form a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries; I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority and will not sub-contract any work to a contractor form such countries unless such contractor is registered with the Competent Authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached.]"

Model Certificate for GeM:

"I have read the clause regarding restrictions on procurement form a bidder of a country which shares a land border with India; I certify that this vendor/bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this vendor/bidder fulfills all requirements in this regard and is eligible to be considered for procurement on GeM. [Where applicable, evidence of valid registration by the Competent Authority shall be attached.]"

Date _____
Place _____

Signature _____
Printed Name _____

18/05/22

Certificate of Local Content for Availing “Make in India” Preference

Tender No.: **Closing Date:** **Item Description:**

I/We have examined the information, records and books of Accounts presented before me/us by our client(s) (Name and complete address of the company) and certify that the local content, which is the amount of value added in India (i.e. the total value of the item procured excluding net domestic indirect taxes, minus the value of the imported content, if any, of the above mentioned item including all custom duties),
 as a proportion of the total value, in percent is -----(percentage of local content).

We understand that this certificate is being produced by our client named above, for the purpose of availing purchase preference under Public Procurement (Preference to Make in India), Order 2017, in the above mentioned tender. We are aware that any false declarations in this respect will be in breach of the Code of integrity under Rule

175(1) (i) (h) of the General Financial Rule for which our client or its successors can be debarred for up to two years as per 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.

I/We are also aware that I/We am/are liable to be taken up under Section 22 of the Chartered Accountants Act, 1949 along with such other actions as may be permissible under the Company and other relevant laws, in case of any false/incorrect certification of local content mentioned as above, by us.

Date:

 (Seal & Signature)