

(A Government of India Undertaking and Subsidiary of BBUNL)
27, RAJENDRA NATH MUKHERJEE ROAD
KOLKATA - 700 001 (WEST BENGAL)
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TENDER NO.	NIT/DGM(P-II)/SB/H-BEAM CS/3113/R2	DATE	05.04.2013
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NOTICE INVITING TENDER

Sealed Tenders are invited from reputed agencies for the following work:

01.	NAME OF THE WORK	MANUFACTURE & SUPPLY OF GALVANIZED H-BEAM SLEEPERS WITH FITTINGS FOR 45.7M 25T. AXLE LOADING welded span TORSHA BRIDGE (N.F.Railway).
02.	QUANTITY	450 SETS
02.	COMPLETION PERIOD	03 (THREE) MONTHS FROM DATE OF LOI/ ORDER
03.	COST OF TENDER DOCUMENT (NON-REFUNDABLE)	Rs.1000/= (RUPEES ONE THOUSAND ONLY) BY CASH / DEMAND DRAFT IN FAVOUR OF THE BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LIMITED PAYABLE AT KOLKATA. SSI UNIT WITH NSIC REGISTRATION IS EXEMPTED FROM PROVIDING THE TENDER FEE.
04.	EARNEST MONEY DEPOSIT	Rs.1,00,000/= (RUPEES ONE LAKH ONLY) BY BANKER'S CHEQUE/PAY ORDER/ DEMAND DRAFT IN FAVOUR OF THE BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LIMITED PAYABLE AT KOLKATA. SSI UNIT WITH NSIC REGISTRATION IS EXEMPTED FROM PROVIDING THE EMD. BBJ'S EXISTING CONTRACTORS MAY ADJUST THE EMD FROM THEIR OUTSTANDING BILLS.
05.	ISSUE OF TENDER DOCUMENT	BETWEEN 05/04/2013 TO 18/04/2013 DURING OFFICE HOURS.
06.	LAST DATE & TIME OF RECEIPT OF TENDER	RECEIPT UP TO 3.00 PM ON 19/04/2013
07.	OPENING OF TENDER (Techno – Commercial Part)	AT 3:30 PM AT BBJ H.O.

(S. BANERJEE)
DGM(P-II)

TENDERER

BBJ

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INSTRUCTION TO BIDDERS

1.SUBMISSION OF TENDER” shall be read in conjunction with General Commercial Terms and conditions and any other documents forming part of this Tender Document wherever the context so requires. Notwithstanding the sub-division of the documents into the separate section, every part of each shall be deemed to be supplementary to and complementary to every other part and shall be read with the document so far as it may be practicable to do so wherever it is mentioned that the Agency shall perform certain work or provide certain facilities, it is understood that the Agency shall do so at their cost.

2. LANGUAGE

Bids and all accompanying document shall be in English. In case any accompanying documents are in other language, it shall be accompanied by an English translation. The English version shall prevail in matter of interpretation.

3. ELIGIBILITY CRITERIA

The bidder must submit documentary evidence towards fabrication and supply of H-Beam Sleepers & fittings .

4. SUBMISSION OF BID

a) All the pages of the tender document to be signed with Company's seal by the bidders. The rates in the appropriate space in the **BILL OF QUANTITY** of the tender should be properly filled in both in figures and words. No overwriting, use of correction fluid will be allowed. Any correction will be done by scoring out the incorrect entry and inserting the new entry in a legible manner. Both the correction and new entry to be signed and sealed with Company's seal. In the event of any difference between figure & words of the quoted rates, the rate in word shall be considered for evaluating the tender.

b)The Tender shall be signed by the person legally authorized to enter into commitment on behalf of the Tenderer. All the pages of the tender document to be signed with Company's seal by the Tenderer. The rates in the appropriate space in the BILL OF QUANTITIES should be properly filled, both in figures and words. No overwriting, using of correction fluid will be allowed. Any correction will be done by scoring out the incorrect entry and inserting the new entry in a legible manner. Both the correction and new entry to be signed and sealed with Company's seal. In the event of any difference between figure & words of the quoted rates, the rate in word shall be considered for evaluating the tender. Tenders to be submitted in two parts as per following:

c)TECHNO-COMMERCIAL PART

The Techno-Commercial bid should contain the following:

- i) Bidder's experience certificate pertaining to job of similar nature.
- ii) Income Tax Clearance certificates with appropriate PAN number and S.T Clearance Certificates should be furnished along with the Techno-commercial bid.

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INSTRUCTION TO BIDDERS

iii) Earnest Money Deposit (EMD) of **Rs. 1,00,000/=** (Rupees one lakh only), in the form of crossed D/D or pay order or Banker's cheque drawn in favour of "The Braithwaite Burn and Jessop Construction Co. Ltd." and payable at Kolkata. For the case of successful bidder this EMD will be converted to Security Deposit till completion of work.

iv) **LIST OF DEVIATIONS** duly filled as per BBJ format enclosed (Annexure-II).

v) The above document to be put in a sealed envelope superscribing "**TENDER NOTICE NO. AND TECHNO-COMMERCIAL PART**" to be submitted to BBJ.

d) PRICE PART

The tender documents issued to the bidders duly signed and sealed in each page along with properly filled up **BILL OF QUANTITY** (BOQ) duly sealed and signed to be put in a sealed envelope superscribing "**TENDER NOTICE NO.**" and "**PRICE PART**".

e) The above two sealed envelope i.e. '**TECHNO-COMMERCIAL PART**' and '**PRICE-PART**' to be put in a sealed envelope superscribing "**TENDER NOTICE NO./SCOPE OF SUPPLY**" to be submitted to BBJ.

5. All costs and expenses incidental to preparation of the tender, discussion, conference, pre-award discussion with BBJ shall be to the account of the tenderer and BBJ shall bear no liability whatsoever on such cost expenses.

6. Conditional tenders may be rejected and no additional clause will be entertained.

7. The award of the order or rejection of the Tenderer's offer and/or cancellation of the tender will be made at the absolute discretion of BBJ. BBJ reserves the right to cancel or accept or reject any or all tender(s), whether lowest or otherwise, without assigning any reason(s) whatsoever thereof. A tenderer whose Tender is not accepted shall not be entitled to claim any cost, charges or expenses incidental to or incurred by him through or in connection with the preparation and submission of the Tender/Offer to BBJ. BBJ also reserves the absolute right to split up and award the requirement between two or more Tenderers.

8. CURRENCIES OF BID AND PAYMENT

The Tenderer shall submit his price bid / offer in Indian Rupees and payment under this contract will be made in Indian Rupees.

9. All taxes, fees, duties, royalties and other levies payable by the Agency (whose tender has been accepted by BBJ) under the contract or any other cause shall be included in the quoted prices.

10. VALIDITY OF TENDER

90 (NINETY) days from the date of opening of tender or for a further period if mutually accepted. BBJ reserves the right to ask for the extension of validity, if any.

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TECHNICAL SPECIFICATION

FABRICATION OF H-BEAM SLEEPERS.

1. Fabrication of Galvanized H-Beam Sleepers shall be done at bidder's own workshop with his own tools, plants, machines and consumables as per RDSO's Drawing Nos. RDSO/B-17001, B-1636/4,5, & manufacturer's own drawing(s) (RDSO approved) for ZTLF and other drawings mentioned therein and as per RDSO's specification No. BS:45. H-Beam Sleeper should be made of standard rolled section IS HB-200 @37.3 kg/m conforming to IS:2062 Gr.A. Beams and MS Plates to IS:2062 Gr.B fully killed and normalized steel. The H-Beam Sleepers and all the required MS fittings shall be galvanized as per IS:4759.

2. The test on sleepers should be done as per RDSO's guidelines. The Agency will arrange to conduct test as per RDSO's guidelines on completed H-Beam Sleepers.

3. The fittings of H-Beam Sleepers shall be inspected by RDSO/RITES and used only after RDSO/RITES certification. The charges for this inspection will be borne by the Agency. The required fittings like elastomeric pads of steel sleepers shall be procured from RDSO approved sources and their inspection shall be conducted by RDSO. The testing and test on the sleepers should be done as per those with H-Beams as mentioned above.

TRACK LINKING WITH H-BEAM SLEEPERS.

1. For linking of track on girders the provisions in the IRPWM-2004, IRICEN Pune's publications on quality control in the tract linking, tract circulars issued by PCE/CE/NF Railway shall be followed.

2. Design and provision of Guard rail shall be as per para 275(2) of IRPWM,2004. The end of the guard rails should be bent vertically and buried and a piece of timber fixed on the end of prevent entanglement of hanging loose couplings.

3. The linking of track on girders with H-Beam Sleeper shall be done as per RDSO's drg. No. B-1634/4, 5 & 6 and instruction/notes laid therein. Tract fitting of H-Beam sleeper should be as per manufacturer's own drawing(s) (RDSO approved) for ZTLF or as per guidelines issued by RDSO and or as directed by the Engineer. H-Beam sleeper shall be laid at a maximum spacing of 740mm centre to centre for BG.

4. The rails and guard rails shall be fastened to sleeper as per RDSO's Drawing No. B-1636/5 and as per Drg. No. T-5155 to 5164. The gangway shall be provided as per RDSO's Drg. No. B-1635/5.

TEST CERTIFICATES.

1. All materials for the work shall pass tests and / or analysis prescribed by the relevant IS specifications or such other equivalent specifications.

2. All raw materials shall be obtained from recognized producers or their authorized representatives and the contractor shall furnish copies of test certificates from the manufacturers including proof sheets, mill sheets etc. showing that the materials have been tested in accordance with the requirements of various specifications and codal provisions and to the satisfaction of the Railway.

3. Any approval given by the Railway in consequence of such tests or analysis shall in no way limit or interfere with the absolute right of the Railway to reject the whole or part of such materials supplied, which in the judgment of the inspecting authority/Engineer does not comply with the conditions of the contract. The decision of the Engineer in this regard shall be final, binding and conclusive for all purpose.

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SPECIAL CONDITION OF CONTRACT

1. SCOPE OF WORK:

A. GALVANIZED STEEL CHANEL SLEEPER

- i) Fabrication & Supply of Steel H-Beam Sleepers to suit RDSO's 45.7M 25 T Loading Welded span (RDSO's Drg. No. BA-17001) with all riveted/Welded components as per RDSO's drawing No. B-1636/4, B-1636/5 & manufacturer's own drawing(s) (RDSO approved) for ZTLF and other drawings mentioned therein or approved drawing supplied by Railway and specification thereto complete in all respect including supply and riveting of canted bearing plates. Relevant specification & schedule of H-Beam sleeper enclosed herewith.
- ii) H-Beam Sleeper should be made of rolled section IS:HB 200 conforming to IS:2062 (with latest revision and after fabrication shall be galvanized as per IS:4759.
- iii) **Total Quantity = 450 Nos.**

B. FITTINGS & FIXTURES (GALVANIZED EXCEPT ON-METAL)

- i) Supply of Fittings for steel H-Beam sleepers to suit (RDSO Drg. No. BA-11481) shall be done as per Drawing No. RDSO/B-1636/4, 5 & 6 and other drawings mentioned instruction / note laid therein. Track fitting for H-Beam sleeper should be as per manufacturer's own drawing(s) (RDSO approved) for ZTLF or as per guidelines issued by RDSO or as directed by the Engineer. Relevant specification & schedule of H-Beam sleeper fittings enclosed herewith.
- ii) H-Beam Sleeper MS fittings shall be galvanized as per IS:4759.
- iii) **Total Quantity = 450 Sets.**
- iv) Material List & DODL List per Sleeper for Steel H-Beam and Fittings should be prepared by manufacturer and get the approval from our design department before execution of the work.

2. INSPECTION /TESTING / TEST CERTIFICATES:

- a) The finished steel H-Beams and all riveted/welded components are subject to inspection by BBJ/N. F. Railway/or their nominated representative.
- b) All expenses involved for Inspection /Testing shall be borne by the H- Beam sleeper manufacturer.
- c) The H-Beam Sleeper manufacturer have to provide assistance, instruments, machine, labour and any material which are required for examining , measuring and testing of any materials and workmanship as may be selected and required by BBJ/N. F. Railway or their Authorized Representative without any extra cost to BBJ.
- d) **INSPECTION CALL LETTER** should be sent by the H-Beam Manufacturer minimum **5 (five) days in advance** at our Office at 27, R.N.Mukherjee Road, Kolkata-700 001.

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SPECIAL CONDITION OF CONTRACT

e) Test Certificates for raw materials (both physical and chemical) and finished materials are to be provided and submitted by the H-Beam Manufacturer at the time of Inspection and along with supply without any extra cost to BBJ.

3. DELIVERY PERIOD:

Within **90 (ninety) days** from the date of placement of LOI/Purchase Order whichever is earlier.

4. DELIVERY AT:

At Torsha Bridge site, North Bengal.

5. EARNEST MONEY:

Rs.1,00,000/= (Rupees one lakh only) by Banker's Cheque/pay order/ demand draft in favour of the Braithwaite Burn & Jessop Construction Company Limited payable at kolkata.

6. PAYMENT TERMS:

- a) **90% (Ninety)** of the total contract value will be released within 30 days after supply of H-Beams & Fittings, submission of bill/challan duly certified by BBJ representative along with other necessary documentations subject to acceptance by N.F.Rly or their authorized representative .
- b) Balance **10% (Ten)** of the total contract value will be released within 30 days after successful completion of the "**DEFECT LIABILITY PERIOD**" of 12 months from the date of last supply of H-Beams & fittings.
- c) The E.M.D. deposited by the successful bidder will be released along with the payment mentioned in clause 6.b) above.

7. DEFECT LAIBILITY PERIOD:

The subject items in BOQ shall be strictly supplied in accordance with the specification, sizes, quantities and no deviation from such specification or alteration shall be made. H-Beam Sleeper manufacturer shall fully guarantee that the supplied items shall perform strictly in accordance with the specification and to be free from all defects in respect of materials and workmanship etc. Should any supplied items not perform as intended or should materials and workmanship prove /found defective within a period of **12 (twelve) months from the date of last supply**, the supplied item in BOQ upon intimation of deficiency / defect , be promptly replaced /repaired by H-Beam Sleeper manufacturer to our satisfaction without delay and no extra cost to us. If H-Beam Sleeper manufacturer fails to effect proper replacement within a reasonable time of receipt from our intimation to this effect, we shall be free to take such corrective action at H-Beam Sleeper manufacturer risk and cost.

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SPECIAL CONDITION OF CONTRACT

8.PERFORMANCE GUARANTEE:

- a) On completion of the delivery of the H-Beams & Fittings to BBJ, the H-Beam Manufacturer shall be responsible for repairing/replacement of items covering the defects attributable to the H-Beam Manufacturer for a further **PERIOD OF 12 MONTHS FROM THE DATE OF LAST SUPPLY.**
- b) The H-Beam Manufacturer shall make good and remedy at his own expenses within such period as stipulated by BBJ, any defect which may develop or may be noticed before the expiry of 12 months.
- c) In case the H-Beam manufacturer fails to make adequate arrangements to rectify the defects within seven days after receipt of Notice from BBJ, necessary arrangements will be made by BBJ to rectify the defects without further Notice to the H-Beam Manufacturer and cost of such rectification shall be recovered from the amount kept by BBJ towards Performance Guarantee.

9. TAXES & DUTIES:

H-Beam manufacturer's rate for the above work should be inclusive of all taxes and duties applicable during the tenure of the contract.

10.SPLITTING OF WORK

Due to urgency of project and quantum of job, the total job can be sub-divided to more than one agency at L1 rate as per decision of the BBJ Management without showing any reason. In such case the splitting ratio will be 60% : 40% between the L1 & L2 bidders.

11.PRICE VARIATION:

No price-variation of any kind will be allowed in this contract under any circumstances. Price shall remain firm for entire scope of work.

12. LIQUIDATED DAMAGE:

If the H-Beam Manufacturer fails to complete the job within stipulated time period, 0.5% of order value will be deducted from the bill for per week of delay subject to maximum 5% of order value.

13.RISK PURCHASE:

TERMINATION OF CONTRACT:

- a) If the H-Beam Manufacturer persistently disregard the instruction of BBJ or failed to adhere to the agreed programme by a margin of 10% of the stipulated period, BBJ shall be at liberty to terminate the contract in full or part as would be applicable by issuing first seven days and then 48 hours notice.
- b) In case of failure to complete the work as per requirement and within the stipulated completion period, BBJ reserves the right to cancel the order, either in part or full as the situation demands and get the work done by deploying other agency/agencies. Additional cost if incurred shall be recovered from the H-Beam Manufacturer's bill and Security deposit.

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BOQ-1

BILL OF QUANTITIES

Sl. No.	DESCRIPTION OF WORKS	UNIT	QNTY.	RATE	AMOUNT
1.	<u>GALVANIZED STEEL CHANEL SLEEPER</u> Fabrication & Supply of Steel H-Beam Sleepers to suit RDSO's 45.7M 25T Loading Welded span (RDSO's Drg. No. BA-17001) with all riveted/Welded components as per RDSO's drawing No. B-1636/4, B-1636/5 & manufacturer's own drawing(s) (RDSO approved) for ZTLF and other drawings mentioned therein or approved drawing supplied by Railway and specification thereto complete in all respect including supply ad riveting of canted bearing plates. H-Beam Sleeper should be made of rolled section IS:HB 200 confirming to IS:2062 (with latest revision and after fabrication shall be galvanized as per IS:4759. The Rate should be inclusive of all taxes & duties and delivery charges at our HPY.	NOS	450		
2.	<u>FITTINGS & FIXTURES (GALVANIZED EXCEPT ON-METAL)</u> Supply of Fittings for steel H-Beam sleepers to suit (RDSO Drg. No. BA-17001) shall be done as per Drawing No. RDSO/B-1636/4, 5 & 6 and other drawings mentioned instruction / note laid therein. Track fitting for H-Beam sleeper should be as per manufacturer's own drawing(s) (RDSO approved) for ZTLF or as per guidelines issued by RDSO or as directed by the Engineer. Relevant specification & schedule of H-Beam sleeper fittings enclosed herewith. H-Beam Sleeper MS fittings shall be galvanized as per IS:4759. The Rate should be inclusive of all taxes & duties and delivery charges at our HPY.	SET	450		

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NOTE: The drawings are generally available at BBJ Drawing Office at 27, R.N.Mukherjee Road, 2nd Floor, Kolkata-700 001 and can be seen during office hours.

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ANNEXURE-I

PER SET STEEL H-BEAM SLEEPER FITTINGS.

Sl. No.	Description	Drawing No.	Per Sleeper Quantity required (in No.)
1	28mm dia x 350mm long hook bolts with double nut.	B-1636/5	4
2	Single coil spring washer for 28mm dia hook bolts	B-1636/5	12
3	Elastomeric Pad (320 x 25/30 x 305)	B-1636/5	2
4	Rail pad with embedded steel pad plate	Suitable	2
5	Tapered Washer	T-5161	4
6	Tapered Washer	T-5162	4
7	G R Pad 6mm thick	T-5163	4
8	Bolt & Nut	T-5164	4
9	Single Coil Spring Washer	T-10773	4
10	Tapered Split Pin	Suitable	8
11	ERC	Suitable	4
12	Special Liner	Suitable	4

Note :- Above no. of fittings per sleeper are approximate. However, fittings should be as per drawing No. RDSO/B-1636/4, RDSO/T-5197 to RDSO/T-5200, RDSO/T-5155 to RDSO/T-5164, manufacturer's own drawing(s) (RDSO approved) for ZTLF along with all specifications as mentioned on drawings and or as directed by the Engineer.

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ANNEXURE-II

LIST OF DEVIATIONS

SL. NO.	BBJ NIT TENDER CLAUSE NO.	BIDDER'S DEVIATED CONDITIONS
(1)	(2)	(3)
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2.		
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NOTE: IN CASE OF NO DEVIATIONS FROM BBJ TENDER CONDITIONS, THE TENDERER MUST STRIKE OUT THE COLUMN (3) ABOVE & WRITE NIL DEVIATION;

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