

SECTION-I

IMPORTANT FEATURES OF THE TENDER

1 INSTRUCTIONS TO TENDERERS FOR FILLING TECHNICAL BID

- 1.1 Unless otherwise stated, latest alterations/ revisions of specifications/ standards/ drawings shall be applicable. In respect of safety standards and environmental standards relevant to the machine, the machine manufacturers shall ensure compliance with international (CE/ISO/DIN/JIS)/National standards (IS) (wherever applicable).
- 1.2 Tenderers should offer and quote for all the specified concomitant accessories, as these are considered essential for commissioning and utilization of the machine. Even if bidder does not recommend the purchase of any of these accessories, the price must be quoted for comparison purposes and their recommendation/suggestion to be indicated in the offer. Tenderers should also quote for optional accessories, spares and consumable spares as asked in the specifications.
- 1.3 In case, any item is required in sets, please specify nos./pieces per set. This is essential for proper technical evaluation of the offer. Offers received without this may be considered as incomplete and liable to be rejected.
- 1.4 The bidder should quote only for the specified make of sub-assemblies and equipment wherever specified. Makes of sub-systems other than the specified ones will normally not be acceptable. In case, some other make is quoted, specific reasons for the same including its features/advantages over specified makes must be brought out in the offer.
- 1.5 In case there is a contradiction in any information provided (some parametric values given in the specification and those given in the brochure or some other document enclosed by the tenderer), unless specifically mentioned in the deviation cum confirmation statement under Annexure A of Section III, the values as given in the specification shall be taken as confirmed by the tenderer and offer evaluated accordingly.
- 1.6 Bidder or his authorized agent, in their own interest, should visit the consignees listed in clause 3 Section-I with prior appointment with Controlling Officer of the consignee and acquaint themselves with existing process of manufacturing/remanufacturing, site conditions, availability of material handling facilities etc.
- 1.7 The Purchaser may accept internationally accepted alternative specifications which ensure equal or higher quality than the specifications mentioned in the Technical Specification. However, the decision of the Purchaser in this regard shall be final. A copy of the alternative specifications offered should be sent along with the offer. The Tenderer should also furnish "Statement of Deviations" from tender specifications (as per Annexure A, Section-III) along with the offer.

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AWM-IV

उप मुख्य बांत्रिक इंजीनियर (प्लान्ट)

Dy. Chief Mech. Engineer (Plant)

पू०उ०रे० याँ० कारखाना, इज्जतनगर

N.E. Rly. Mech. W/Shop. Izatnagar

2

DESCRIPTION:

The requirement is for design, manufacture, supply, installation, testing, commissioning and proving of “**Static type Pit type Rail Electronic Weighbridge (Single Platform) of Capacity 100 Metric Tonnes**” to be installed **on turnkey basis** (including all electrical and civil engineering works) for weighment of different type of Rolling Stocks used over Indian Railway, as per schedule I as applicable of specification no. IZNS/M&P/Spec./2025-26/WB (Basis: COFMOW/IR/Static Electronic WB/2015 Rev-IV).

2.1 Major Parameters as per Schedule I.

2.2 **PROVE OUT AT CONSIGNEE's WORKS:**

3.0 **QUANTITY & CONSIGNEE:**

S. No.	Type & Capacity of Weigh Bridge	Qty.	Location	Consignee
1.	Type: Static type Pit type Rail Electronic Weighbridge (Single Platform) Capacity: 100 Metric Tonnes	01 No.	MWS, IZN	CWM, Mechanical Workshop, North Eastern Railway, Izzatnagar

4.0 **SCOPE OF SUPPLY**

4.1 The scope of supply shall include design, manufacture, supply, installation, testing, commissioning and proving of “Static type Pit type Rail Electronic Weighbridge (Single Platform) of Capacity 100 Metric Tonnes” to be installed **on turnkey basis** (including all electrical and civil engineering works) for weighment different type of Rolling Stocks used over Indian Railway, as per schedule I. For basic design feature of the machine/plant refer clause 1 and its sub clauses, for general electrical equipment design refer clause 2 and for general characteristic refer clause 3 of technical specification. The scope of supply includes all the concomitant accessories/ equipment's as detailed in the specification and other concomitant accessories/ equipment, which the manufacturer considers essential to make the plant fully operational, when installed and commissioned. It shall also include installation and commissioning of related equipment, training of personnel in operation and maintenance of plant and supply of technical documentation. It also includes, Calibration (from NABL accredited laboratory), certification and stamping of weighbridge from State Authority, Comprehensive Preventive Maintenance and Comprehensive Breakdown Maintenance during warranty period and Comprehensive Annual Maintenance Contract (as per scope of work given in Annexure – F) for five years' period after expiry of warranty period.

4.2 **CONCOMITANT ACCESSORIES:**

- 4.2.1 PC (Personnel Computer) which will be parallel and in addition to the weigh electronics as per clause 1.5.6 of Section -II.
- 4.2.2 Computer table and chair of suitable size make godrej.
- 4.2.3 UPS facility with battery back up of 2 hour (make APC/TATA Liebert/ TVS Electronics).
- 4.2.4 Window AC 1.5 Ton, 5 star rating including Stabilizer, cabling and installation in the control room (Make-Carrier, Voltas, Hitachi, Electrolux, Blue star) as per clause 1.5.5.2 of Section – II.
- 4.2.5 Any other accessory/equipment, which the manufacturer considers essential to make the machine fully

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operational, when installed, commissioned and connected to power source to give the specified output/productivity.

4.3 OPTIONAL ACCESSORIES:

Following optional accessories will be quoted by the tenderer. Cost of optional accessories shall be quoted separately and shall not be included in the basic price of the machine. Cost of optional accessories will not be taken for commercial evaluation of the firms.

- 4.3.1 Supply and laying of cable per meter as per clause 1.5.4.1 of Section-II of technical specification.
- 4.3.2 Any other accessory which can improve the productivity, performance, reliability, efficiency, or enhance the capability of the machine as a whole or part thereof, should be quoted as optional accessory.

5. EVALUATION CRITERIA

Total value of the offer will be calculated based on

- (i) The cost of the basic machine.
- (ii) Cost of the concomitant accessories according to tender specifications clause 4.2 of Section I.
- (iii) Cost of Turnkey charges viz. foundation, installation & commissioning etc.
- (iv) Cost of Comprehensive Annual Maintenance Contract for five years after the warranty as per clause 17.0.
- (v) Duties and taxes as quoted by the bidder, insurance and freight.

6. OTHER ITEMS TO BE QUOTED:

The following items will need to be quoted additionally though will not be part of commercial evaluation:

- (i) Optional Accessories with breakup of individual items as specified in clause 4.3 of section I.


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7. DELIVERY SCHEDULE CHART:

In the event of acceptance of the offer, the machine(s) shall be supplied as per the following Milestone Chart:

Name of machine: Static Type Pit Type Rail Electronic Weighbridge Capacity 100 Metric Tonnes

Specification No.: IZNS/M&P/Spec./2025-26/WB (Basis: COFMOW/IR/Static Electronic WB/2015, Rev-IV).

S. No.	Activity	Activity Code	Outer limit of Time Schedule expected by MWS, ZNS
1.	Issue of LOA by Store Depot IZN	D1	-
2.	Submission of PBG by the successful Bidder	D2	D1 + 30 days
3.	Issue of PO (after verification of PBG)	D3	D2 + 30 days
4.	Submission of GA drawings to consignee by successful bidder/supplier along with information on power and other utilities required for machine.	D4	D3 + 45 days
5.	Approval of GA drawings by consignee (to be governed by clause 11.2 of section –II).	D5	D4 + 45 days
6.	Confirmation of availability of clear site, by consignee	D6	By D5 (i.e. at the time of approval of GA drg.
7.	Completion of foundation	D7	D6 + 150 days or Latest by D8
8.	Supply / Delivery of machine	D8	D5 + 180 days
9.	Power connection for the machine and other on site requirements to be provided by railways.	D9	D8+ 7days
10.	Railway to give call to supplier for the commissioning of machine.	D10	D8+7days
11.	Installation, commissioning and proving out of Machine by supplier	D11	D9+90 days or D10+ 90 days (whichever is late)
12.	Issue of PTC by consignee	D12	D11 + 30 days
13.	Warranty by supplier	D13	D11 + 2 years
14.	AMC	D14	D13 + 5 years

Notwithstanding the delivery period indicated elsewhere in the tender document, the delivery indicated in this schedule shall be taken as overriding and final.


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