

CENTRE FOR ENVIRONMENT EDUCATION (CEE)

Request for Quotation (RFQ) — Movable Weighbridge and Electronic Weighing Scales, Gaya

Date: 24.09.2026

SECTION 1: REQUEST FOR QUOTATION (RFQ)

Dear Sir / Madam,

Centre for Environment Education (CEE) kindly requests your quotation for the Supply, Installation, Training and Commissioning of a Movable Weighbridge and Electronic Weighing Scales at Gaya, as defined in the scope of work detailed in Annexure 1 of this RFQ. This Request for Quotation comprises the following documents:

- Section 1: This request letter.
- Section 2: RFQ Instructions and Data.
- Annexure 1: Schedule of Requirements.
- Annexure 2: Quotation Submission Form.
- Annexure 3: Technical and Financial Offer.
- Annexure 4: Forms for release of payments.

When preparing your quotation, please be guided by the RFQ Instructions and Data. Quotations must be submitted only using Annexure 2: Quotation Submission Form and Annexure 3: Technical and Financial Offer, by the method and by the date and time indicated in Section 2.

The Technical Proposal and the Financial Proposal must be kept entirely separate and submitted as individual files, each clearly labelled as either the “TECHNICAL PROPOSAL” or the “FINANCIAL PROPOSAL”, and each bearing the Proposer’s name and address. The “FINANCIAL PROPOSAL” file must be password-protected to prevent access until the Proposal has passed the technical evaluation stage. Once a Proposal is deemed responsive after technical evaluation, CEE will request the Bidder to provide the password to open the Financial Proposal. It is the Bidder’s responsibility to ensure the Financial Proposal is properly encrypted.

It is your responsibility to ensure that your quotation is submitted on or before the deadline. Quotations received after the submission deadline, for whatever reason, will not be considered for evaluation.

Thank you and we look forward to receiving your quotations. The bidder should submit the bid on or before **30 September 2026 by 6:00 PM**.

Issued by:

Snehal Bhatt

Purchase Officer

SECTION 2: RFQ INSTRUCTIONS AND DATA

Introduction

Swachh Centres (MRFs) are defined as “integrated material recovery centres” for the recovery of all types of plastic waste, collected with support from City Municipal Corporations (CMCs) or equivalent, and by Waste

Pickers (Safai Mitras) and Service Providers (SPs), in every city. The centres enable segregation of all types of plastics and add product value, increasing incomes for Safai Mitras, and link waste collectors with recyclers along the value chain — particularly for low-grade, thin plastic litter bags, multi-layered plastics, PET, and rigid plastics of all types in the city.

The Swachh Centre (MRF) at Gaya is largely integrated within existing systems and can cater to 4–5 MT of plastic waste per day, using mechanical operations such as the Dust Air Blower (Phatka Machine), Plastic Grinder, Dry Waste Sorting Conveyor Belt and Bailing Machines. Accurate weighment of incoming and processed waste at the Centre is central to this operation, requiring a Movable Weighbridge and Electronic Weighing Scales.

A. Scope of Work

CEE, in partnership with the District Administration, Gaya, and HDFC Bank, is establishing a Swachh Centre (MRF) / Material Recycling Centre (MRC) at Gaya. There is a requirement for the Supply, Installation, Training and Commissioning of the following weighing equipment at the Centre:

- Lot 1: Electronic Weighing Scale (200 Kg)
- Lot 2: Electronic Weighing Scale (600 Kg)
- Lot 3: Movable Weighbridge (30 Ton)

The technical specifications of the equipment are attached herewith in Annexure 1. The bidder has to provide an Annual Maintenance Contract (AMC) for the equipment supplied, for 1 (one) year from the date of installation, commissioning and training.

Note: Supply of the equipment includes the cost of packing, loading, unloading, transit insurance and transportation of the equipment to the Gaya site.

B. Bidder's Qualification

- Bidder should have at least **3 years' experience in manufacturing and supplying weighbridges** and/or electronic weighing scales.
- Bidder should **submit related work orders / completion certificates from a minimum of 3 (three) parties in the last two financial years.**
- Bidder should have executed a **minimum of Rs. 50 Lakh worth of works in the last 2 (two) financial years.**

C. Documents to be Submitted

Bidders shall include the following documents in their quotation:

- Technical and Financial Offer, duly completed and signed, in accordance with the Schedule of Requirements at **Annexure 1** (Annexure 3).
- Company Profile.
- Company Registration Certificate and GST Registration Certificate.
- Company PAN copy.
- Descriptive literature: full technical details of the products offered, including technical data sheets and photographs showing general and detail views. Specific details of items offered should be clearly stated, as standard catalogues may offer multiple options.
- Machine specifications with photographs of similar equipment supplied previously.

- Documents evidencing supply of similar equipment to private/public sector/government organisations — copies of a minimum of 4 (four) purchase orders or contracts.
- Statement of satisfactory performance certificates from the top 3 clients by contract value in a similar field, with client contact details for reference checks.
- The bid should be submitted on Company Letterhead.
- The Company GST number should be mentioned.
- The bid should be signed and duly stamped.
- All applicable taxes should be mentioned in the bid.

Bidders should submit their bid in accordance with the following:

- File Format: PDF files only.
- All files must be free of viruses and not corrupted.

Interested bidders may request the RFQ document, and submit their bid documents, by sending an email to **purchase@ceeindia.org** with the subject line '**Bid for Supply, Installation, Commissioning and Training of Weighbridge and Weighing Scales at Gaya**'.

D. Duration

The duration of the work described in Annexure 1 shall be within a maximum period of 30 (thirty) days from the date of receipt of the Work Order / Purchase Order.

E. Bid Validity Period

Quotations shall remain valid for acceptance for a minimum period of 45 days from the date of bid submission. Bidders must confirm this validity in the Bidder's Declaration at Annexure 2.

F. Payment Terms & Conditions

The payment schedule is as follows:

- CEE shall, upon a written request from the Vendor, allow a maximum of 40% of the total Contract amount as advance, after signing of the purchase order.
- After the start of fabrication of the equipment, pre-inspection and post-inspection (after the equipment is ready for dispatch) shall be carried out by a CEE representative.
- CEE shall, upon a written request from the Vendor after successful delivery of the equipment at the Gaya site, release 40% of the total contract amount.
- The Vendor may submit a request for 17% of the total contract amount, payable on completion of the supply, installation, commissioning and training of the equipment.
- Payment will be made only after verification and certification of the work done by the Service Provider and CEE's consultant/official (architect/engineer).
- CEE shall, upon a written request from the Vendor, release the remaining 3% of the total contract amount after 1 (one) year of completion of installation, commissioning and training — this is linked to the Vendor's successful completion of its AMC obligations.

H. Liquidated Damages

Failure to comply with the Terms & Conditions of the contract will result in payment of liquidated damages equal to 100% of the cost of the unperformed portion, for every day of delay.

I. Penalty Clause

CEE reserves the right to impose a penalty up to the total value of the contract, and to withhold all pending payment amounts, in cases of non-completion of the purchase order. This provision is intended to ensure accountability and adherence to the agreed contractual terms.

J. Evaluation Criteria

Each bid will first be evaluated for technical compliance and bidder eligibility against Sections B and C above. Among technically qualified bidders, the lowest all-inclusive quoted price (L1), as per Annexure 3, will ordinarily be recommended for award, subject to CEE's right to reject any or all bids without assigning reasons.

K. Site Visit

Bidders may, at their own cost, visit the site at Gaya prior to bid submission to assess site conditions, access, and vehicular movement requirements relevant to the weighbridge installation.

L. Civil, Electrical & Site Works

- Civil works, electrical connections, the weighbridge operator cabin, and all other requirements for installation of the weighbridge and weighing scales shall be completed by the vendor as part of this contract, unless otherwise agreed in writing.
- Civil works for the 30 Ton, 7.5 m x 3.0 m electronic pit-less movable weighbridge shall include a structurally adequate **RCC foundation system**, load-cell pedestals/supports, approach and exit strengthening, drainage and all associated works required for safe installation and accurate operation.
- Foundation shall be designed based on the offered weighbridge manufacturer's certified load-cell reactions, maximum vehicle wheel/axle loads, impact/dynamic and eccentric loading, braking/longitudinal forces and actual site soil conditions.
- Vendor shall submit the **General Arrangement drawing, foundation layout, load data, RCC** structural/reinforcement details and anchor-bolt/embedded-plate arrangement, duly reviewed/signed by a qualified structural engineer, before execution. Excavation, compacted subgrade, granular/sub-base preparation where required, PCC levelling course, RCC foundations/raft/strip footings and load-cell pedestals shall be provided as per the approved structural design.
- All pedestal top levels, anchor bolts and embedded plates shall be accurately aligned with the weighbridge manufacturer's drawings.
- **Approach and exit shall be adequately** strengthened with compacted subgrade/sub-base and RCC pavement/approach slab suitable for anticipated heavy vehicle movement, with smooth transition to the weighbridge deck. Sides need to be properly plastered.
- Finished levels and slopes shall prevent water stagnation around the foundation and load cells, and suitable drainage shall be provided wherever required.
- The operator cabin shall have an adequate foundation, masonry walls, RCC/cemented roofing, finished flooring, internal/external plaster, weatherproof finish, wooden door and window, ventilation, electrical points for the weighbridge indicator/computer/printer, lighting/fan points, earthing and protected cable routing.

- Final Foundation dimensions, **RCC thicknesses, reinforcement and pedestal details shall be based on the selected weighbridge manufacturer's certified load data**, actual site conditions and approved structural design; tender/site dimensions shall not be treated as structural design unless specifically issued for construction.

M. General Conditions

- Force Majeure: Neither party shall be liable for delay or failure to perform its obligations under the contract to the extent such delay or failure results from events beyond its reasonable control, including natural disasters, war, civil unrest or governmental action.
- Termination: CEE reserves the right to terminate the contract, in whole or in part, in case of the Vendor's material breach, upon written notice, without prejudice to any accrued rights or remedies.
- Dispute Resolution & Jurisdiction: Any dispute arising out of or in connection with this RFQ or the resulting contract shall first be resolved amicably through mutual discussion, failing which it shall be subject to arbitration/the courts having jurisdiction in Ahmedabad, as mutually agreed.
- Confidentiality: All information shared as part of this RFQ process is confidential and shall not be disclosed to third parties without prior written consent of CEE.
- CEE is not bound to accept the lowest or any quotation and reserves the right to accept or reject any bid, in whole or in part, without assigning any reason.

ANNEXURE 1: SCHEDULE OF REQUIREMENTS

Technical Specifications

LOT 1: Electronic Weighing Scale (200 Kg)

No.	Description	Technical Specification
1	Type	Platform Type
2	Capacity	200 Kg
3	Size	400 x 400 mm
4	Platform	Stainless Steel
5	Display	Red LED
6	Power Source	230 Volt, 10 watts
7	Accuracy	20 grams
8	Other Features	Tare facility; standard bi-directional RS 232 interface; battery backup – 12 hrs.; printing facility for receipt; overload & shock load protection

LOT 2: Electronic Weighing Scale (600 Kg)

No.	Description	Technical Specification
1	Type	Platform Type
2	Capacity	600 Kg
3	Size	1000 x 1000 mm
4	Platform	Stainless Steel
5	Display	Red LED
6	Power Source	230 Volt, 10 watts
7	Accuracy	60 grams
8	Other Features	Tare facility; standard bi-directional RS 232 interface; battery backup – 12 hrs.; printing facility for receipt; overload & shock load protection

LOT 3: Movable Weighbridge (30 Ton)

Sr. No.	Description	Technical Specification
1	Dimension (L x W)	7.5 Meter x 3 Meter
2	Capacity	Maximum 30 Ton
3	Type	Electronic, Pit-less
4	Applicability	Should accommodate vehicles like Truck, Lorry, Auto and Tata Ace, and generate a weighing slip

5	Load Cell	Electronic, Sterling, 6 Nos.
6	Accessories and Parts	Should be equivalent to IS quality standards; the detailed specification of each accessory and part is to be mentioned by the supplier
7	Erection and Commissioning	By Supplier
8	After-Sales Service	One-year free service with parts for the total machine after commissioning
9	Measuring Weights	Standard weights for stamping (i.e. 1/10th capacity of total weight) to be supplied with the machine by the supplier
10	Civil, Electrical & Cabin	As detailed at point "L" in the RFQ.

NOTE: Acceptable variations in dimensions of the machinery: +/- 5%. User / technical manuals are to be supplied in English.

THE OFFERED PRODUCTS ARE IN ACCORDANCE WITH THE REQUIRED SPECIFICATIONS AND TECHNICAL REQUIREMENTS: ☐YES ☐NO

ANY DEVIATIONS MUST BE LISTED BELOW:

Signature: _____ Name: _____

Designation with Stamp: _____ Date: _____

Delivery Requirements

Delivery date and time	Bidder shall complete delivery and installation within 30 days from the issuance of the Contract.
Customs clearance	To be done by Supplier / Bidder.
Exact address(es) of delivery location(s)	Swachh Centre (MRF), Gaya
Distribution of shipping documents (if using freight forwarder)	Not applicable
Packing requirements	Applicable
Training on operations and maintenance	Applicable
Warranty period	12 months
After-sales service and local service support requirements	Applicable
Annual Maintenance Contract	Applicable

Preferred mode of transport	Not applicable
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Delivery Location:

City	Lot 1: Electronic Weighing Scale (200 Kg)	Lot 2: Electronic Weighing Scale (600 Kg)	Lot 3: Movable Weighbridge (30 Ton)
Gaya	1	1	1

Notes

- The products/goods/parts of the equipment must be recalled by the manufacturer/bidder/supplier at their own cost if rejected by CEE/the purchaser/end user due to quality issues. The supplier/bidder/manufacturer will be obliged to replace the rejected products/goods/parts with new ones of acceptable quality, at no additional cost.
- Detailed delivery and installation addresses will be provided at the time of award of the contract.
- The supplier will be responsible for the protection of materials, property and equipment before successful delivery and handover to CEE.
- Package prices quoted must be inclusive of all costs necessary to supply these items, including delivery, one-year warranty, transport cost, insurance, materials, installation, training and commissioning, etc.
- Supplier to submit focal point contact details for warranty issues for the duration of the warranty period.

ANNEXURE 2: QUOTATION SUBMISSION FORM

Bidders are requested to complete this form, including the Company Profile and Bidder's Declaration, sign it and return it as part of their quotation along with Annexure 3: Technical and Financial Offer. The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted, and no substitutions shall be accepted.

Name of Bidder: _____ Date: _____

Company Profile

Legal name of the bidder (or lead entity for JVs)	
Legal address, City, State	
Website	
Year of registration	
Legal structure	
Bank name	
Bank address	
IFSC / SWIFT-BIC (if applicable)	
Account currency	
Bank account number	

Previous Relevant Experience

Name of Previous Contract	Client & Reference Contact (incl. email)	Contract Value	Period of Activity	Type of Activity Undertaken

Bidder's Declaration

- ☐Yes ☐No — Annual Maintenance Contract: I/We will provide servicing and replacement of parts for the equipment supplied, if necessary, under the Annual Maintenance Contract for one year from installation, commissioning and training at Gaya. Any part replacement will not adversely affect the quality or output capacity.
- ☐Yes ☐No — Requirements and Terms & Conditions: I/We have read and fully understand the RFQ, including the RFQ Instructions and Data, Schedule of Requirements, General Conditions, and any Special Conditions of Contract, and confirm that the Bidder agrees to be bound by them.

- ☐Yes ☐ No — I/We confirm that the Bidder has the necessary capacity, capability and licenses to fully meet or exceed the Requirements and will be available to deliver throughout the relevant contract period.
- ☐Yes ☐ No — Ethics: I/We warrant that the Bidder has not entered into any improper, illegal, collusive or anti-competitive arrangement with any competitor; has not directly or indirectly approached any representative of CEE (other than the designated Point of Contact) to lobby or solicit information regarding the RFQ; and has not attempted to influence or offer any inducement, reward or benefit to any representative of CEE.
- ☐Yes ☐ No — I/We confirm to undertake not to engage in any unethical or proscribed practice with CEE or any other party, and to conduct business in a manner that avoids any financial, operational, reputational or other undue risk to CEE.
- ☐Yes ☐ No — Conflict of Interest: I/We warrant that the Bidder has no actual, potential or perceived conflict of interest in submitting this quotation or entering into a contract to deliver the requirements. Any conflict of interest arising during the RFQ process will be reported immediately to CEE's Point of Contact.
- ☐Yes ☐No — Prohibitions / Sanctions: I/We declare that our firm, its affiliates, subsidiaries or employees, including any JV/consortium members, subcontractors or suppliers, are not under any procurement prohibition by CEE, and have not been suspended, debarred, sanctioned or otherwise declared ineligible.
- ☐Yes ☐No — Bankruptcy: I/We confirm that the Bidder has not declared bankruptcy, is not involved in bankruptcy or receivership proceedings, and there is no pending judgment or legal action that could impair its operations in the foreseeable future.
- ☐Yes ☐No — Offer Validity Period: I/We confirm that this quotation, including the quoted price, remains open for acceptance for the Bid Validity Period stated in Section 2(E) of this RFQ.
- ☐Yes ☐No — I/We understand that CEE is not bound to accept any quotation received, and certify that the goods offered in our quotation are new and unused.
- ☐Yes ☐No — By signing this declaration, the signatory below represents, warrants and agrees that he/she has been authorised by the organisation to make this declaration on its behalf.

Signature: _____ Name: _____

Title: _____ Date: _____

ANNEXURE 3: TECHNICAL AND FINANCIAL OFFER

Technical Offer

Bidders should provide the following as part of the Technical Offer:

- A brief description of the Bidder's qualification and capacity relevant to the Scope of Work.
- A brief method statement and implementation plan for supply, installation, training and commissioning.
- Machine specifications with photographs and videos (if any) of similar equipment supplied previously.

Financial Offer

Lot No.	Brief Description of Goods	Qty. (Nos.)	Currency	Total Price, Final Destination (all-inclusive)
1	Electronic Weighing Scale (200 Kg)	1	INR (₹)	
2	Electronic Weighing Scale (600 Kg)	1	INR (₹)	
3	Movable Weighbridge (30 Ton)	1	INR (₹)	
4	Transit Insurance, Installation, Training & Commissioning Charges*	1	INR (₹)	
5	Any other cost, if any	1	INR (₹)	
6	Total Duty / Tax (nature and amount of each component to be clearly specified)	1	INR (₹)	
	TOTAL			

** Installation, Training & Commissioning Charges include packaging, loading, unloading and installation cost of the equipment.*

PROVIDED THAT A PURCHASE ORDER IS ISSUED BY CEE WITHIN THE REQUIRED BID VALIDITY PERIOD, THE UNDERSIGNED HEREBY COMMITS, SUBJECT TO THE TERMS OF SUCH PURCHASE ORDER, TO FURNISH ANY OR ALL ITEMS AT THE PRICES OFFERED AND TO DELIVER THE SAME TO THE DESIGNATED POINT(S) WITHIN THE DELIVERY TIME STATED IN THIS RFQ.

THE ONE-YEAR FREE WARRANTY SHALL APPLY TO ALL EQUIPMENT.

ANNEXURE 4: FORMS FOR RELEASE OF PAYMENTS

FORM A: Consignee Acceptance Certificate

(To be given by the consignee's authorised representative)

The following goods have been received:

- Name of the item supplied (with Make & Model): _____
- Purchase Order / Contract No.: _____
- Name of the Supplier: _____
- Lot No.: _____
- No. of Units supplied: _____
- Place of destination: _____
- Invoice No. & Date: _____
- Name and Address of the Consignee: _____
- Date of receipt by the Consignee: _____

The undersigned hereby certifies that the aforesaid goods have been received in good condition and accepted.

Signature: _____ Name: _____

Designation with Stamp: _____ Date: _____

Countersigned by:

Signature: _____ Name: _____ Date: _____

Note: This certificate is to be filled up and issued by the authorised representative of the consignee, duly stamped and countersigned by the supervisor.

FORM B: Satisfactory Installation, Training & Commissioning Certificate

This is to certify that the goods detailed below have been satisfactorily installed and commissioned, and training has been provided in respect of their operational use:

- Purchase Order / Contract No.: _____ Date: _____
- Description of the machinery (with make & model no.): _____
- Batch / Serial Number(s) of the goods: _____
- Quantity: _____
- Name of the consignee: _____

The supplier has fulfilled its contractual obligations with regard to the following services:

- Satisfactory installation, performance and commissioning/start-up of the machinery.
- Furnishing of tools required for assembly and/or maintenance of the machinery.

- Furnishing of detailed operation and maintenance manuals for each item of supply at each location.
- Training of operators/users in operating the equipment to the satisfaction of the consignee.

Signature: _____ Name: _____

Designation with Stamp: _____ Date: _____

Countersigned by:

Signature: _____ Name: _____ Date: _____

Note: This certificate is to be filled up and issued by the representative of the consignee, duly stamped and countersigned by the supervisor.

ANNEXURE – DETAILED CIVIL & STRUCTURAL SPECIFICATIONS

30 MT PIT-LESS WEIGHBRIDGE & OPERATOR CABIN – GAYA

To be read with the existing RFQ for the 30 MT, 7.5 m x 3.0 m pit-less electronic weighbridge. Final structural sizes and reinforcement shall be coordinated with the selected weighbridge manufacturer's certified support/load-cell reactions and actual site soil condition before execution.

1. SITE PREPARATION, SETTING OUT & EARTHWORK

- Set out the weighbridge, approach/exit ramps and operator cabin with reference to approved layout and finished levels.
- Remove vegetation, loose/organic soil, sludge and unsuitable material; dewater as required.
- Excavate foundations to approved line, level and depth to competent soil. Replace soft pockets with approved compacted granular material/PCC.
- Backfill in controlled layers with suitable material and mechanical compaction.

2. WEIGHBRIDGE FOUNDATION – PCC, RCC FOOTING & RAFT/SUPPORT SYSTEM

- Provide complete RCC foundation for the 30 MT pit-less weighbridge including load-cell blocks/pedestals, RCC footings, strip/raft members and supporting beams as required by approved structural/manufacturer drawings.
- Prepare compacted subgrade and provide PCC levelling/blinding course before reinforcement and RCC.
- RCC shall be properly mixed, placed, mechanically vibrated and cured. Concrete grade, dimensions and reinforcement shall be as per approved structural design.
- Design foundation for vertical reactions, eccentric loading, impact/dynamic effects, braking/longitudinal forces and differential settlement.
- Structurally tie load-cell supports where required to maintain geometry and weighing accuracy.

3. REINFORCEMENT STEEL

- Use approved HYSD/TMT reinforcement of specified grade, clean and free from loose rust, oil and mud.
- Cut, bend and fix as per approved drawings/BBS including development length, lap length, anchorage and hooks.
- Use approved concrete cover blocks and chairs/spacers; brick/stone pieces shall not be used.
- Secure footing, pedestal/column, tie-beam and RCC ramp reinforcement against displacement during concreting.

4. SHUTTERING / FORMWORK

- Provide rigid, properly braced and leak-proof shuttering for footings, pedestals/columns, tie/grade beams, ramp slabs and cabin RCC members.
- Maintain correct line, level, plumb and dimensions and prevent slurry leakage/bulging during vibration.
- Apply suitable release agent without contaminating reinforcement and remove formwork only after adequate concrete strength.

5. RCC PEDESTALS/COLUMNS, TIE BEAMS & ANCHORS

- Provide RCC pedestals/columns at all weighbridge support/load-cell locations as per approved layout.
- Provide RCC tie/grade beams between supports wherever required to improve rigidity and control differential movement.
- Fix embedded plates and anchor bolts with rigid templates before concreting; verify centres, projection, verticality and top level.
- Finish load-cell bearing surfaces accurately and use non-shrink grout below base plates/load-cell assemblies where required.

6. WEIGHBRIDGE STRUCTURAL STEEL / DECK

- Steel deck/platform, main girders, cross members, stiffeners, load-cell mounting assemblies and connections shall suit the specified 30 MT capacity and 7.5 m x 3.0 m platform.
- Fabrication, welding and bolting shall follow approved manufacturer/shop drawings and repeated heavy vehicle loading requirements.
- Provide specified anti-corrosion preparation and protective coating/paint.
- Before erection verify foundation centre lines, diagonals, support/load-cell levels, anchor positions and deck clearances.

7. RCC APPROACH & EXIT RAMP WITH BASE WORK

- Construct heavy-duty RCC approach and exit ramps for smooth vehicle transition.
- Remove unsuitable material and provide approved earth/subgrade filling in compacted layers to required formation and slope.
- Provide granular sub-base/base course, properly watered and mechanically compacted; provide PCC levelling/base course where required.
- Provide reinforced RCC ramp slab designed for loaded vehicle wheel/axle effects with correct cover, spacing, laps, chairs and anchorage.
- Provide dowels/ties to foundation/transition member where required and designed construction/control/expansion joints.
- Maintain smooth gradient without abrupt impact at deck; provide durable non-slip finish and drainage away from load cells.

8. OPERATOR CABIN – COMPLETE STRUCTURAL WORK

- Construct permanent operator/control cabin at approved location for indicator, computer, printer, UPS and operator.
- Excavate and prepare cabin foundations with compacted base and PCC levelling course.
- Provide RCC isolated/strip footings as per structural design and soil condition, with RCC plinth/tie beams where required.
- Provide RCC columns for framed construction with reinforcement, laps, anchorage and cover as per approved structural drawing.
- Construct approved brick/block masonry infill walls in cement mortar.
- Provide RCC lintels over openings and RCC/cemented roof slab as required by RFQ, including weather slope and waterproofing.
- Keep cabin plinth above surrounding finished level to reduce rainwater ingress.
- Provide internal/external plaster, wall putty/approved finish, durable flooring/skirting and weather-resistant external paint.
- Provide wooden door and window with frame, hardware, ventilation and weather protection as required by RFQ.

9. CABIN ELECTRICAL & CABLE PROVISIONS

- Provide wiring/conduits, lighting, fan point and power sockets for indicator, computer, printer and UPS.
- Provide protected conduit/cable route from load cells/junction box to cabin; no exposed vulnerable cable in vehicle areas.
- Provide equipment earthing and required electrical protection.

10. DRAINAGE & WATER PROTECTION

- Grade surfaces away from weighbridge foundations, ramps and cabin.
- Provide side/catch drains or suitable storm-water disposal according to site levels.
- Protect load-cell areas, junction boxes, cable entries and recesses against water stagnation, mud and runoff.

11. SURROUNDING PAVER / SURFACE RESTORATION

- After underground works and compaction, prepare surrounding surface with approved compacted base layers.
- Provide paver/finished pavement in designated areas matching RCC ramp, cabin plinth and drainage levels.
- Provide proper edge restraint and junction finishing adjoining RCC works.

12. QUALITY CONTROL & HOLD POINTS

- Before PCC/RCC verify excavation level, founding condition, dimensions and dewatering.
- Before concreting verify reinforcement, laps, cover, shuttering, embedded plates and anchor bolts against approved drawings.
- During RCC ensure controlled placement, mechanical vibration, curing and testing/sampling as applicable.
- Before erection verify foundation dimensions, load-cell pedestal levels, anchor positions and alignment.
- Commission only after adequate concrete strength, installation, calibration and statutory stamping/verification required by RFQ.

13. REQUIRED IFC / STRUCTURAL SUBMITTALS

- Submit manufacturer GA, load-cell/support layout and certified support reactions/design loads.
- Submit foundation layout, footing/raft/pedestal/column/tie-beam reinforcement drawings, BBS, anchor/embedded details and RCC ramp detail.
- Submit operator cabin footing, column/plinth beam/lintel/roof structural details.
- Final design shall consider equipment loads, vehicle effects and actual soil bearing/settlement conditions; tender/concept dimensions remain indicative unless issued as approved IFC drawings.

14. IMPORTANT ENGINEERING NOTE

The existing RFQ specifies the 30 MT capacity and 7.5 m x 3.0 m platform but does not provide soil bearing capacity, certified individual load-cell reactions, vehicle axle/wheel design loads, or a complete IFC foundation/reinforcement design. Therefore fixed footing sizes, RCC thicknesses and reinforcement bar diameters shall be finalized from the selected weighbridge manufacturer's certified data and approved structural design for the actual site condition.

ANNEXURE - SUPPORTING 3D RFQ DRAWING

30 MT PIT-LESS MOVABLE WEIGHBRIDGE, APPROACH/EXIT RAMPS & OPERATOR CABIN - GAYA

Illustrative RFQ support drawing only. Final foundation dimensions, RCC thicknesses, reinforcement, load-cell pedestal/support details, anchor arrangements and ramp structural details shall be based on the selected weighbridge manufacturer's certified GA/foundation drawing and load data, actual site conditions, and approved structural design.

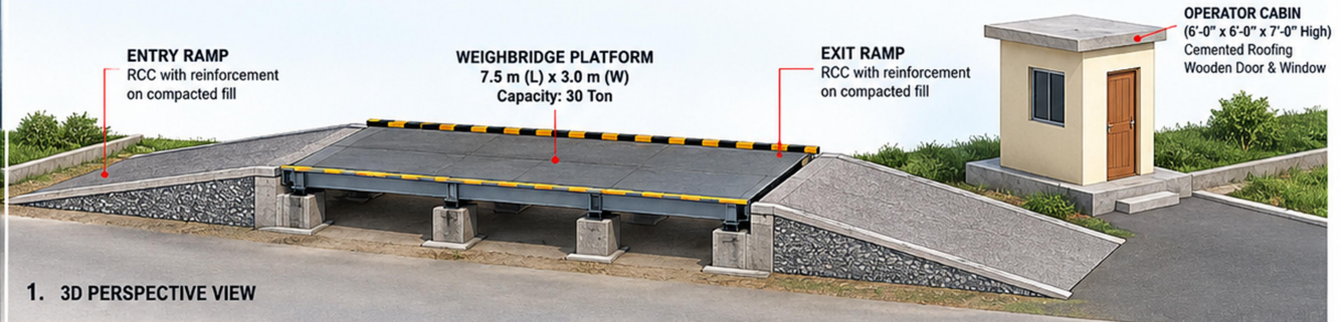
ANNEXURE 1 (SUPPORTING DRAWING)

3D ILLUSTRATION – MOVABLE WEIGHBRIDGE (30 TON) WITH RAMPS AND OPERATOR CABIN

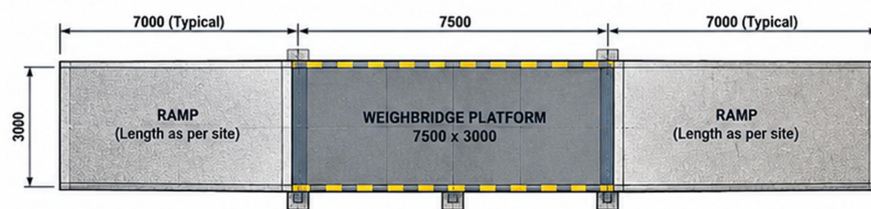
(For RFQ reference only – Actual design to be as per manufacturer's drawings, site conditions and structural engineer's approval)

KEY FEATURES (AS PER RFQ)

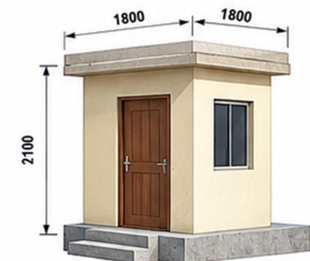
- Movable Weighbridge : 7.5 m x 3.0 m (30 Ton), Electronic, Pit-less
- Ramps : Either side as per site (Typical shown 7.0 m long)
- Operator Cabin : Cemented roofing with wooden door & window
- Civil, electrical and installation works by vendor as per RFQ
- All dimensions in mm (unless otherwise mentioned)
- Drawing not to scale – for illustration purpose only



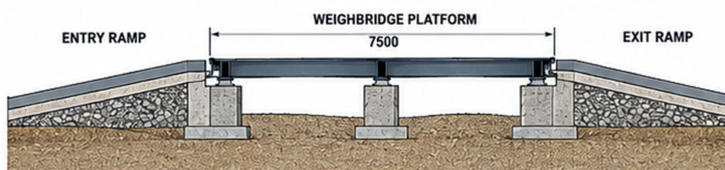
1. 3D PERSPECTIVE VIEW



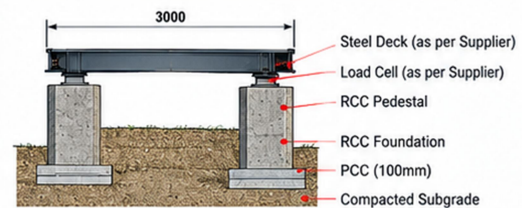
2. PLAN VIEW



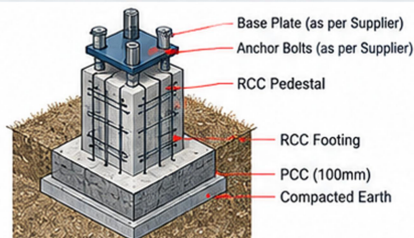
3. OPERATOR CABIN – 3D VIEW
(6'-0" x 6'-0" x 7'-0" HIGH)



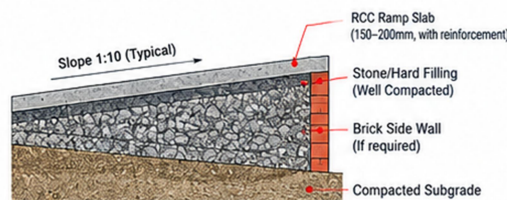
4. LONGITUDINAL SECTION (ALONG LENGTH)



5. CROSS SECTION (AT SUPPORT)



6. RCC COLUMN / PEDESTAL AND FOOTING DETAIL (TYPICAL)



7. RAMP SECTION (TYPICAL)

IMPORTANT NOTES:

1. Dimensions are indicative and shown for RFQ support only.
2. Final design to be based on manufacturer's GA/foundation drawing, certified load cell reactions, site soil conditions and structural engineer's approval.
3. Civil works, ramps, operator cabin, electrical and installation shall be as per RFQ requirements.
4. Provide proper drainage and do not allow direct contact between RCC ramps and weighbridge deck (maintain clearance).
5. All reinforcement, concrete grades and construction details to be as per approved design and relevant IS codes.
6. Drawing not to scale.

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Movable Weighbridge and Electronic Weighing Scales – RFQ Support Drawing

ANNEXURE 1 (ILLUSTRATIVE)

Page 1 of 1

Figure: Illustrative 3D arrangement showing weighbridge platform, RCC support/foundation concept, entry/exit ramps and operator cabin. Drawing is not for construction.

Drawing Status: RFQ supporting illustration / concept only - NOT IFC / NOT FOR CONSTRUCTION.