



कोचिन पत्तन प्राधिकरण
Cochin Port Authority

(Ministry of Ports, Shipping & Waterways, Govt. of India)

Mechanical Engineering Department

New Administrative Building, Willingdon Island, Cochin-682009

No. COPA/CME/Weigh bridge/2025-26/IC Engines

Dated:03.03.2026

Notice Inviting Budgetary Offer

To,

The Prospective Bidders

Budgetary offers are invited for the Supply, Installation, Testing & Commissioning of 100 Ton Capacity transportable Weigh Bridge with site preparation and civil works as per the specification given below. Intended Bidders are requested to submit their budgetary offers on or before 15.30 hrs on 18.03.2026.

Sl. No.	Item Description	Rate / unit in Rs.	Qty	GST %	Amount
1	<ul style="list-style-type: none">Supply, Installation, Testing, Commissioning and Stamping of Transportable (Portable) 1 No Electronic Weighbridge of 100 Ton Weighment capacity for weighment of trucks/lorry etc (HMTVs) with Entry exit ramp .Type of Platform - Steel fabricated, Mild steel structure including Civil works as per the Scope of work.Fit and Finish – Hot dip Galvanised steel structure with one coat primer, one coat finish painting in grey colour		1		
2	CAMC charges for the 2 nd Year, post warranty period. (including payment of stamping fee and other statutory fees)		12 Months		
3	CAMC charges for the 3 rd Year, (including payment of stamping fee and other statutory fees)		12 Months		
4	All Civil works and site preparations for construction of approach roads to entry and exit towards weighbridge of about 4 mtr width x 12 mtr length shall be Constructed with proper reinforcement. Road concrete shall be done for heavy duty application with MS 30 to MS 40 grade cement. Dowel bar and M40 meter		LS		
Total Amount (incl. GST)					

Note:

1. Catalogue of the offered Items may also be sent along with your offer.
2. Bidders advised to visit site before the submission of budgetary offer.
3. The work is of Comprehensive Annual Maintenance Contract. Any breakdown/Replacement of electronic components of digitizer, control cubicle, junction box etc., and spares such as bearings, nuts and bolts, washers screws link plates, bearing retainers, rack springs etc. if become defective during the CAMC period shall be repaired/replaced at no additional charge to port.
4. Network, Consumables like printer papers will be in the scope of port.

Terms & Conditions:

1. Contractor has to be a weighbridge supplier and has to carryout Supply, Installation Testing and Commissioning (SITC) including stamping and provide calibration and test certificate from Metrology and Measurement Dept.
2. The weighbridge shall comply to Indian Standards (BIS) (IS 16514-1:2018)
3. The Contractor has to Construct the approach and exit road from the main road of about approximately 4 meters wide and Approx. 10 meters each for entry and exit to weighbridge with below specifications
 - a. Construction of M 40 grade unreinforced, Dowel jointed, plain cement concrete pavement over a prepared sub base with cement at 420kg per m³, coarse and fine aggregate not exceeding 25mm, mixed in a batching and mixing plant.
 - b. Transport to site, spread, compacted and finished in a continuous operation including provision of contraction and expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding, strip, dowel bar, tie rod, admixtures curing compound, finishing to lines and grades.
4. Location; The entry point to the SEZ area at Puthuvypin, Kochi in front of SEZ building. The contract includes supply, installation, testing and commissioning of 100 Ton weigh bridge with site preparation and all civil works.
5. The contractor shall provide 100 Tone capacity weighbridge with electronic scale, display unit, provision to print the weighment slip, software to convert the weight from Kilograms/Ton (kgs/T) to Meter cube (M³).
6. Contractor shall supply the Civil Drawing, Earth preparation Drawing, Electrical Drawing. The work shall commence only upon approval of drawings by EIC in hard copy.
7. The Contractor has to provide BG of 10% of the contract value for SITC and 10% of the AMC as Performance BG after completion of SITC.
8. Operation of weighbridge is not included in this scope of work.
9. Technical Specification requirement is as below:

A. MECHANICAL STRUCTURE DETAILS:-

SL.NO	REQUIREMENT	SCOPE
01	Capacity	100 Ton
02	Platform Size	12 x3 Mtr. Approx.
03	Accuracy	+/- 10 Kg
04	Type of Weighbridge	Fully Electronic surface mounted portable "PITLESS Type Weighbridge"
05	Type of Platform	Fully welded, 8 mm checked plate, Steel Fabricated, Painted with two coats of Primer & one coat of finish paint

06	Platform Details	Mild Steel Structure
07	Overload Capacity	120%
08	Ultimate Overload Capacity	150%
09	Mounting	Pitless
10	Calibration & Testing	Expert Technician with the help of necessary Standard weights & unskilled labor, Hydra or Crane. All corner of weigh bridge will be checked & tested by Standard weights
11	Government Stamping	On completion of all the formalities of weigh bridge installation & testing, Dept. of W&M Inspector to check weighbridge with help of standard weights, then after successful inspection of weighbridge, required Stamping Certificate to be Issued up to validity of 1 Year
12	Standard	Supply of weighbridge shall be as per Bureau of Indian Standards (BIS) (IS 16514-1:2018)

B. POWERSUPPLY:-

SL.NO	REQUIREMENT	SCOPE
01	Rated Voltage	230 V,50Hz
02	Permissible Variation a. Voltage:±10% b. Frequency: ±10% c. Waveformdistortion:5% d. Phase unbalance:2%	Yes
03	System neutral:-Solidly Ground	Yes

C. Weight Indicator Facility

Model No:	
Display	7 bits super bright LED display
Units	Kg. / cu.meter convertable
Load cell power	DC 12V 0.8A(Max)
Connection distance	1000 meters
Power	AC 220V- 50Hz

D. TERMINALSYSTEMS:-

Standard Software Features;

Operating Method	:	Operator Prompting & Menu Based User Friendly operating
Number of Records (Storage):		5000 Completed/Incomplete Transactions. (In Standard Configuration)
Type of Reports	:	Date-wise/Truck-Wise Complete/In-complete Weighment.

Format of Report	:	Serial No./Key No., Truck No., Gross Weight, Tare Weight, Net Weight and Material or as informed by the EIC .
Weighment Slip Details	:	Weighment Slip Contains Serial No., Key No., Truck No., Material/Party Name, Date, Time, Gross/Tare/Net Weight/ Volume Etc.
Re-Print Facility	:	Duplicate Slip printing facility is required. Manual
Tare Entry	:	Facility of Manual Tare Entry is required.

ELECTRONIC PC BASE SYSTEMS COMPUTER; along with Battery backup is required for operation with a printer and to suit the rugged industrial conditions. Standard printout should include following:

- Time, date, year and Serial No.
- Gross Weight, Tare Weight and Net Weight.
- Automatic calculation and printing of Net Weight.
- Truck number.
- Material in Truck.
- Driver IN/OUT.
- Bill No./ Challan No. with date.
- Supplier/customers name and address.

The contract includes supply, installation & commissioning of supplied Electronic Weigh-bridge inclusive of structure, electronics, load cells, interconnecting cables, testing and calibration of the system (including dept. of W&M certification), operational training of local people etc. INCLUDING Civil works.

E. QUALITY ASSURANCE PLAN:

Supplier shall furnish a detailed inspection plan indicating various stages of inspection. Stage shall also include the testing of the Weigh-bridge for its rating.

F. DATA REQUIRED FROM SUPPLIER; Within 10 Days Of Placement Of Order:

All Civil construction drawing for foundation and other connected works. Concrete Entry and Exit roads to the Weighbridge about 4 mtr width x 10 mtr length shall be Constructed with proper reinforcement. Road concrete shall be done for heavy duty application with MS 40 grade cement.

G. Erection & Commissioning: The erection and commissioning of the weigh bridge shall be done by the supplier at Customer site with unloaded and full loaded extreme safety conditions. The complete requirement for testing should be furnished in bid offer. Commissioning certificate to be issued after successful commissioning and prove out of the system.

H. Copy of license from Govt. of India to manufacture Weigh Bridge needs to be submitted along with the bid / offer.

I. Guarantee: Supplier should furnish all loading safety certificates before supplying the Weigh Bridge. Weigh bridge will be subjected to cover a complete Guarantee against any malfunctioning for one year from the date of Commissioning.

**Sd/-
Superintending Engineer (M)**