

OFFICE OF THE REGULATED MARKET COMMITTEE, PALLAHARA

Letter No. 102 /Dt. 25.04.25/11

QUOTATION CALL NOTICE

Sealed quotations are hereby invited from the intending registered Firms/Suppliers/agencies having valid GST No. for supply of Electronic Weigh Bridge to RMC, Pallahara. Interested bidders may submit their sealed quotations with GST price in the address of RMC, Pallahara, At/Po- Pallahara, Dist- Angul, Pin-759119 by Regd. Post/ Speed Post or by hand on or before dt. 06.05.2025 at 12.00 Noon superscribing in the envelop "Quotation for supply of Articles" and the Quotations are to be opened on the same date at 12.30 P.M. in the office Chamber of the Sub Collector-cum-Chairman RMC Pallahara, Quotations beyond the stipulated date & time shall not be entertained. The quotations submitted by the authorized suppliers without fulfilling the following terms and conditions will not be accepted at the time of opening of the Quotation. In case any addendum/Clarification/corrigendum/extension regarding this tender call notice, the same will be web hosted in the District website.

SL No	Name of the article	Specification	Quantity
1	Electronic weigh bridge	60 ton Capacity (Specification attached here under)	01 (one)

Terms & Conditions:-

1. Sealed quotations are to be clearly written without correction with copy of the GSTIN No. and PAN No. of the authorized dealer/ supplier/ distributor. The authorized dealers/ Suppliers are to submit their quotations as follows

Sl. No.	Name of the article	Price of the article	% of GST	Amount of GST of the article	Total

2. The rate of the above item of reputed company / Name of the brand with period of warranty & after sale service conditions shall be mentioned clearly.
3. Award of contract:- The purchaser will award the contractor to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.
4. Payment will be released through RTGS/ NEFT/Cheque mode only after successful installation of the article in the site.
5. The selected supplier should supply the articles with 7 days after receipt of the intimation from the undersigned.
6. The authorized dealers/ suppliers should mention the Bank A/C No., Name & Address of the Bank, IFSC Code of the Bank & Name of the A/C holder in their quotation for payment of the article in RTGS/ NEFT/ Cheque mode who will select by the purchase committee.

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- 7. The undersigned reserve the right to amend, modify or cancel the terms & conditions for the quotation(s) without assigning any reason thereof. Similarly, the undersigned reserves the right to adopt or cancel any or all quotations (s) without assigning any reason thereof at any time.
- 8. Any legal dispute arising out of this is subject to Pallahara jurisdiction only.

pk 23/04/25
 Sub Collector-cum-Chairman
 RMC Pallahara
 CHAIRMAN
 Regulated Market Committee
 Pallahara

Memo No. 103 / Dt. 25.04.25

Copy communicated to all Block Development Officers/ Tahasildars /Sub Collectors of Angul District / Deputy Collector, (Nizarat) Collectorate, Angul for kind information and necessary action. . They are requested to display the quotation in their notice board for wide publication and information for the intending bidders.

pk 23/04/25
 Sub Collector-cum-Chairman
 RMC Pallahara
 CHAIRMAN
 Regulated Market Committee
 Pallahara

Memo No. 104 / Dt. 25.04.25

Copy submitted to the G.M. OSAM Board, Bhubaneswar for favour of kind information and necessary action.

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 Sub Collector-cum-Chairman
 RMC Pallahara
 CHAIRMAN
 Regulated Market Committee
 Pallahara

Memo No. 105 / Dt. 25.04.25

Copy submitted to the Dist. E-Governance Manager, Collectorate, Angul ~~D.I.O, NIC, Angul~~ with a request to publish the quotation Call Notice in the District Web site /Notice Board of this office for wide publication and information for the intending bidders.

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60 Ton Weighbridge Specification for Installation (Machine & Electrical)

Platform

- Capacity: 60 tons (60,000 kg)
- Platform Size: Commonly 12m x 3m
- Platform Type : Modular steel deck
- Material : Mild Steel (ISI)
- Thickness : 10mm steel top plate
- Structure : I- beam or U-beam support frame

Load Cells

- Type : Compression type, double ended shear beam or column type
- Material : Alloy steel or Stainless steel
- Number : 6 to 8 units (depends on design)
- Capacity : 30T – 40T per load cell
- Ingress Protection : IP68
- Accuracy Class : OIML C3 or Higher

Weighing Electronics

- Weighing Indicator : Digital indicator with LED/LCD display
- Power Supply : 220V AC /50 Hz
- Features : Zero tracking ,tare, print, software integration
- Mandatory : Smart terminal , Ticket printer, software integration

Installation Type

Pit-less Type :

- Surface mounted
- Easier to clean and maintain
- Needs more space (for ramps on both ends)

Foundation/Civil Work

- Foundation Depth : Varies with soil Condition ; typically 1.2-1.5 meters
- Concrete Grade : M20 or higher
- RCC Foundation with Anchor Bolts
- Drainage : Required especially for pit-type installation
- Cabin : 10/8 Sqr. Ft.

Wiring Specification for 60 Ton Weighbridge

1. Load Cell Wiring

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- Cable Type : Shielded, 6-core cable (or 4-core depending on load cell type)
- Conductor Material : Tinned copper
- Conductor Size : Min. 0.5 mm² to 1 mm²
- Insulation : PVC or XLPE , inner shield (aluminum foil + drain wire)
- Outer Jacket : PVC, UV and weather-resistant
- Cable Shielding : 100% shielding, grounded at junction box end only
- Core Colours (example)
 - Red : Excitation+
 - Black : Excitation-
 - Green: Signal+
 - White: Signal-
 - Blue : Sense+
 - Yellow : Sence-

Max Cable Length : ≤ 50meters from load cell to indicator (depending on voltage drop and system)

2. Junction Box Wiring

- **Internal Wiring** : Short shielded wires or terminal block to connect load cells
- **Material**: IP65/IP67-rated fiberglass or stainless steel box
- **Cable Glands** : Weatherproof PG glands
- **Function**:
 - Signal summing (parallel connection)
 - Transient voltage protection
 - Optional trimming pots for calibration

3. Indicator to Junction Box Cable

- Type : 6-core shielded cable
- Size : 1mm² recommended for long runs
- Shielding : Ground only at the indicator end
- Conduit : PVC or GI conduit for protection

4. Power Supply Wiring

- Voltage : 230V AC / 50Hz
- Phase : Single phase

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- Cable Type : 3-core (Live, Neutral, Earth)
- Cable Size : 1.5 mm² or more depending on load
- Protection :
 - MCB (6A or 10A)
 - Earth leakage protection (ELCB)
 - Surge protector

5.Data Communication Cable (Optional)

- **Load Cell / Earthing :**
 - All metallic parts of the weighbridge platform should be bonded to earth
 - Independent earth pit for load cells
- **Electronic Equipment Earthing :**
 - Separate earthing from lightning and loaded cell ground
 - Resistance \leq 1 Ohm

6.Data Communication Cable (Optional)

- **RS-232/RS-485 Cable :**
 - Shielded twisted pair, Belden 9841 or equivalent
 - Max Length : RS-232-15m, RS-485-1000m
- **Ethernet Cable :**
 - CAT6 shielded (STP) for network connectivity
 - Proper termination to switch/computer

7.Accessories Wiring (Optional)

- **Remote Display Board :** 2-core or 4-core Shielded cable
- **Boom Barrier & Traffic Light :** Control cable (1.5mm²)
- **CCTV :** RG6 coaxial cable +power supply cable

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