

CORRIGENDUM

With reference to 303 Dtd. 13.05.2020 issued by this RMC, all prospective Bidders are hereby informed that the RMC has extended the last date of bid submission for Installation of 50 MT Weigh Bridge at different places under RMC Dunguripali as follows:

Particulars	Original Date	Revised Date
Bid Submission Closing Date	27.05.2020 1.00 P.M.	09.06.2020 1.00 P.M.
Bid Opening Date	29.05.2020 9.00 A.M	10.06.2020 9.00 A.M

-Sd-
**Secretary,
RMC, Dunguripali**

OFFICE OF THE REGULATED MARKET COMMITTEE, DUNGURIPALI

At/Po- Dunguripali, Dist- Subarnapur, (Odisha) PIN- 767023

Letter No.303

Dated 13/05/2020

1. The Collector, Subarnapur-cum-Chairperson, RMC, Dunguripali has invited rate quoted bid in sealed cover from the eligible authenticated Suppliers/Firms for establishment of fully electronic type (Pitless Kind) Weighbridge on turnkey basis as mentioned below under RMC, Dunguripali:-

Sl.No.	Name of Location	Capacity
1	Binika Sub-M.Y.	50 MT
2	Garamahul Sub-M.Y.	50 MT
3.	Kalapathar Sub- M.Y.	50 MT
4	Rampur PACS	50 MT
5	Samaleichuan PACS	50 MT
6	Bankigirdi PACS	50 MT
7	Silati PACS	50 MT
8	Khari PACS	50 MT
9	Narayanapur PACS	50 MT
10	Mahule PACS	50 MT
11	Singhari PACS	50 MT
12	Charbhata PACS	50 MT

within two months from the finalization of the bid by signing of agreement by the bidder as per the **specification** given by the OSAM Board, Bhubaneswar vide letter No. 1729 (66) dtd. 20.08.2019 attached with the notice . All bidders should submit the bid document in plain paper with proper format and with seal and signature to this office within the specified time period.

2. The details technical specification of fully electronic Weighbridge (Pitless Kind) of 50MT Capacity and the Weighbridge platform should be quality product of TATA/JINDAL/SAIL Steel with ancillary infrastructure on turnkey basis.
3. The Bidder should submit the rate quoted bid amount taking to the specification and follow the specification strictly at the time of supply and handed over the Weighbridge completed in all respect to the RMC within the specified time duration.
4. The Bid in sealed envelope should be submitted in the office of the RMC, Dunguripali before 1.00 P.M. of dated 27.05.2020 in Office Box or through Regd. Post which will reach in RMC office by 1.00 on dated 27.05.2020. The RMC will not entertain any bid received after the time and date fixed. The bids will be opened at 9.00 A.M. on dtd. 29.05.2020.
5. The Bidder, if so desire, may visit the site of installation of Weighbridge before submit the bid.

6. No Advance amount will be paid to the supplier prior to completion of installation and handing over of Weighbridge with proper stamping from the competent authority.
7. The J.E./A.E.E. of OSAM Board, Bhubaneswar in charge of RMC, Dunguripali will supervise the installation work and the bill amount will be paid to the supplier after verification of technical specification Notice inviting tender by J.E./A.E.E.
8. At the time of submission of bid, the bidder must furnish his PAN Card (Xerox) and P & L statement & Balance Sheet of last three year I.T return, GST Certificate and latest return of GST & copy of valid license/ authorization from Legal Metrology for supply of Weighbridge and his details mail address with contact number etc.
9. Price quoted must be inclusive of all taxes and delivered at RMC destination point.
10. The Bidder must be a manufacturer of electronic type Weighbridge and must have obtained the approval of Legal Metrology Department and should be supplied minimum 25 (twenty five) numbers of electronic Weighbridge at different Market yards under Odisha Agricultural Marketing Board, Bhubaneswar. This is also mandatory for local MSME Unit.
11. 5 % of the bill amount will be deducted as security money which will be released to the bidder after one year from installation of Weighbridge on complying the defect if any detected within the time period.
12. Legal Metrology license like Manufacturing, Dealership, Repairing & Model approval issued by Directorate of Legal Metrology Department, Govt. of India should be attached with Bid.
13. Standing suppliers should be done the stamping work by Legal Metrology Department for the first year & Test Weight will be provided by RMC.
14. Preference criteria :-

Local MSME bidder will be given preference and also preference will be given to the bidder who have installed minimum 25 Nos. of Fixed Electronic Weighbridge at any of the RMC Market Yard or P.C. in Odisha. This is also mandatory for local MSME Unit in Odisha.

The Authority reserves the right to accept or reject any or all the bid without any reason thereof.

-Sd-
Collector, Subarnapur
-Cum-
Chairperson, RMC Dunguripali

ANNEXURE- A (TECHNICAL SPECIFICATION.)

1. Electronic lorry weighbridge complete with platform, compression type load cells, digital indicator, recording and printing units.

1.1. Specification of Weighing System

- a) Capacity- 50MT electronic static Road weigh bridge
- b) Class-III
- c) Verification scale interval(e)- 10Kg.
- d) Accuracy- $\pm 0.05\%$ of the applied load
- e) Memory- At least 10,000 trucks steering capacity f)
Display- LED / Fluorescent
- g) Power supply- 230 volt Ac $\pm 10\%$; 50 cps $\pm 5\%$; Single phase h)
Provision of RS 232C/RS 432 COM ports
- i) Operating temperature range- 0-55°C
- j) Security arrangement must be available
with the Machine
- k) Six load cells of Digital type is preferable-Double Ended Shear
Beam/ Compression Type; Capacity 30MT (Minimum)
- l) Machine shall be delivered after certification by the L.M.O
- m) Working Software should be included.

1.2. Plat form

The weighing platform of size 10m x 3m shall be of chequered or antiskid plates of M.S. 12mm thickness with minimum 5 nos of joists of 400 x 140 mm confirming to I.S. specification for **50MT** Weigh bridge.

The platform may be raised above the ground level for facilitating easy cleaning / maintenance (max 1.0 meter). The approach pavement (ramp) to platform shall be developed with cement concrete of M 25 grade on both side of the platform. The gradient of the CC approach may be made limiting to 5% (1 in 20) for each side of Ramp. Construction of Concrete approach (CC of M25) to plat form on both side of Plat form with a width of 5.5mtr. as per the requirement of length at the site is under the scope of the bidder.

1.3. Specification of Digital Indicator

Capacity	: Programmable up to 5 digits (minimum)
Increment	: Programmable 1, 2 or 5 or their multiple
Display resolution	: Maximum 1 in 10000
Operating temperature	: Maximum +55°C
Operating humidity	: Maximum 93% RH
Non linearity	: 0,016% of Full Scale or less
Repeatability	: 0,016% of applied load
Internal Resolution	: Should be adequate to handle the
	Accuracy level specified for the weighing system.
Decimal point selection	: Selectable
Communication	: Built in RS 232C.
Display type	: LED Display/ Fluorescent
Complete protection against electromagnetic and radio frequency interference.	

1.4. U.P.S.

Capacity: 2KVA/ on line of reputed brand.

1.5. CVT

3KVA, Input: 130-270V, 50Hz+5% Output:220+2%, 50Hz

1.6. Personal computer:

Desktop configuration: Intel Corei5 Configuration

CPU	: Intel Core i5-3470, 3.2 GHz, 6MB Cache or higher.
Chipset	: Intel Q77 or better.
Bus Architecture	: 4 PCI (PCI/ PCI Express)
Memory	: 4 GB 1600 MHz DDR3 RAM with 32 GB Expandability.
HDD	: 1 TB
Monitor	: 47 cm or larger (18.5 inch or larger) TFT /LED Digital Colour monitor TCO-05 certified.

Keyboard : 104 Keys.

Mouse : Optical with USB interface.

Bays : 3 Nos or above.

Ports : 6 USB Ports including 2 USB 3.0 ports (with at least 2 in front), audio ports for micro phone and head phone in front.

Cabinet : Mini tower

DVD Drive : 8x or better DVD ROM drive

Networking Facility : 10/100/1000 on board integrated Network port with remote booting Facility remote system installation, remote wake up, TPM enabled 1.2 chip using any standard management software.

Operating System: Windows 8 professional/preloaded, as specified, with media and documentation and certificate of authenticity.

OS Certifications: Windows 8 OS certification

Power Management: Screen Blanking, Hard Disk and system idle mode in power on, Set up password, power supply SMPS Surge protected.

Preloaded Software: Latest version of Mc Afee/Quick Heal/Norton Antivirus software.

Make: **HP/DELL/LENOVO.**

1.8. Printer

Laser printer- Resolution(in dpi): Mono 600x600,Paper Size:A4,Print speed in PPM(A4 Size): 25,Port:1 USB, Memory(in MB):NA, Network card10/100: YES, Duplexing: YES.

Make- HP/CANON/SAMSUNG (All in One i.e. Print, Scan, Copy)

1.9. Software and interface requirements:

- ☐ The bidder needs to furnish relevant Software Interface for interfacing the weigh bridge with the computer systems for data transfer and other required operations such as calibration, testing etc. The system must use standard serial/ parallel/ USB interface for communication. The selected bidder will have to ensure the integration of the W.B. to application software which is to be used by the user. The software associated with the weighbridge should be able to provide standard interface so that the output from the weigh bridge can seamlessly be integrated with any software custom designed or otherwise to be deployed for management/ regulation/ administration of mineral transport and monitoring.
- ☐ The WB software must be user friendly and compatible with Windows-7 or later version for operation through GUI interface with total user response time (data access and entry time) less than 20 seconds for any weighment transaction.

Keyboard shortcuts must be available for the data entry fields with option for navigation using key board shortcuts such as TAB key for maximum use of keyboard during the data entry operation needs to be provided. Format of user interface needs to be customized as per RMC requirements.

- ② Weigh bridge software needs to have facility for interconnected operation in a network environment. Tare weight and gross weight can be taken in any weigh bridges which are connected through network. This can facilitate flexible tare weight and gross weight at same or different weighbridges within the interconnected environment.
- ② It should be possible to schedule the tare weight interval of a vehicle. The tare weight may be required to be taken up either daily, weekly or after a fixed period as per specific sites requirements. This needs to be configurable in the system. It should be possible to generate loading slips (tare weight slips) from previous tare weight records.
- ② The system should generate loading slips, way bills, in the users prescribed format without much manual intervention. During generation of the printed slips, the data available in the system should be used to avoid redundant data entry operation.
- ② Weighment and delivery reports on specific or group of delivery orders, buyers, material, transporter, Weigh Bridge etc. for a specific period indicating details of weighment including the timestamps needs to be generated by the system.
- ② The software should use multiple printers connected to the same system or multiple network printers available within the network for simultaneous printing. Use of printers needs to be configurable in the software. The system should have capability to use dot matrix, laser or any other printer for generation of all printouts.
- ② The system should maintain backup of data in specified path (network or local system) for use during system failure or breakdown. Backup of data to removable storage such as CD and USB drives etc. also needs to be provided for manual backup operation. There should be provision for recovery of the software and database from the backup for uninterrupted operation. Storing of weigh records of at last 12 months for use in future and necessary hardware facility for achieving this shall also remain in built in the computer.
- ② The weigh bridge software and the database used by the system must be tamperproof with built-in authentication for security. All user access to the weigh bridge software should be recorded automatically through audit records.
- ② The bidder must be able to modify/ add or remove features in the software in a reasonable time period as per the recommendation of the competent authority.

- ☒ Other standard facilities for electronics Weigh Bridge also need to be available in the system.
- ☒ The calibration of the weigh bridge should be carried out using software without any manual intervention and the record of all such calibration needs to be automatically generated and stored in the system for internal audit.
- ☒ The system should record all startup, shutdown or other important system events for audit.

2.1 BUNK HOUSE AND OTHER CIVIL WORKS

The Bunk House should accommodate all the activities such as weighing, challan, identification/ destination slips etc. under a single window concept. . The related Electrical Switch Gears, Earthing etc as required shall be installed in the Bunk House by the bidder. The detail specifications are given below: M25 concrete ramp of 5.5 mtr. Width and required length should be constructed on both sides subjected to a gradient of (1:20)

PARTICULARS OF THE BUNK HOUSE

SPECIFICATION:-

Room size:- 4mX3mX3m of MS prefabricated bunk house type

The cabin structure is to be suitably designed with bottom frame top frame and wall frame made out of colour Coated Rolled Steel Sections.

Suitable stiffeners and fasteners are to be provided.

Wall panel & roof panel are to be made with 50mm thick PUF panel. The PUF insulation should be sandwiched between 0.5mm thick pre-coated steel sheets. The PU foam should be CFC free, self extinguishing and fire retardant type having density 40.0 (± 2.0) kg/ Cum.

The flooring is to be made with the help of same 50mm thick PUF panel with 1.0mm thick vinyl sheet lamination over it.

The door frame is to be made with colour coated pressed steel section using 1.25mm thick CR sheet.

Door-1 no- Single leaf PUF insulated panel stiffened by M.S frame along perimeter. The thickness of the shutter shall be made of 35/40mm thick.

Window – 3 nos

Colour coated aluminium anodized sections/ Steel Sections shall be used in frame & shutter. The shutter shall be fully glazed sliding type with 6mm thick glass.

OR

Sliding type colour coated uPVC glazed shutter with frame to be provided in the window.

In both cases colour coated M.S grill to be provided in the window. Electrical wiring - Internal electrical wiring shall be made with 20mm dia/32mm dia rigid PVC pipe with separate power and light circuit with modular switch/socket.

For light/ fan point – 1.5sq mm. copper wire of Finolex/ L&T make.

Earthing – Electrode earthing with Copper plate at bottom (600 x 600 x 6mm) – 06 nos.(one no for Building, one no for electrical wiring & two nos for Load cell)

Electrification with accessories

The following electrical accessories shall have to be in each Bunk House.

Wire: Finolex / Havells/ L&T make

Modular Switches/Plugs: Anchor/Havells/Finolex

Holder: - 4nos (Anchor/Cona) make

5A, 5Pin Plug socket with switch: 6 nos

70watt. HPSV fittings with lamp for outside illumination:-2nos

Ceiling fan: 1 no (Bajaj/Crompton/Havells) make

Lamps: Make (Phillips/Crompton/Bajaj/Orient/Havells)

LED Bulb :- 18 Watt,

LED Street Light :- 32Watt

Earth Pit for earthing

- ☒ Earth pit for load cell
- ☒ Earth pit for scale room
- ☒ All pits to be inter connected to form a grid
- ☒☒ Modern readymade earthing electrode with back filled compound to be used for earthing.
- ☒☒ Technology:-Pipe in Pipe Technology. Two mild steel pipes one inside the other, Zinc Coated / Copper coated/ Alloy Coated/ Hot dip galvanized, filled with high conductive and corrosive resistance crystalline mixture and back filled compound around electrode. (Make ISI approved reputed make)

- ☒☒ Suitable Lightning Arrestors are to be installed for preventing the damage to the weigh bridge due to lightning.

Electrical Connection:

The bidder shall make necessary arrangement for undertaking all electrical wiring for power supply arrangements. A detailed schematic diagram needs to be furnished for approval from RMC within one week from the date of receipt of the Purchase Order. The required Energy Meter for connection of the Bunk House shall be installed by RMC.

ELIGIBILITY CRITERIA

3.1 Eligibility criteria of Bidders

- a) The bidder must have a valid manufacturing licence from the Legal Metrology Dept..
- b) The bidder must have an annual turnover of at least 1 crore in the consecutive financial years during last three years. The audited balance sheet and statement of profit and loss of the last three years excluding the current financial year are to be submitted in support of turnover. There should not be any minimum turn over requirement for local Micro & small units registered with respective DICs/OSIC/NSIC as per Odisha Procurement Preference Policy for MSMEs, 2015.
- c) The bidder must have established service facility and adequate technical manpower in the State of Odisha. If the bidder has any arrangement with any Agency in the state of Odisha for established service facility then same has to be submitted in the tender. The license for such service from the Weights & Measure Department in Odisha should be available in name of the bidder or its Authorised Service Provider.
- d) The bidder must submit copy of PAN Card (Xerox) and P & L statement & Balance Sheet of last three year I.T return, GST Certificate and latest return of GST & copy of valid license/ authorization from Legal Metrology for supply of Weighbridge and his details mail address with contact number etc.
- e) The bidder should have installed minimum 25 numbers of electronic weigh bridges in consecutive financial years during last three years of 40MT and above, out of which minimum 10 numbers should have been installed in any central or state Govt. organisation/PSUs/ RMCs. The evidence in support of the above comprising attested copy of Work Order and completion certificate issued by the competent authority is to be submitted along with the tender..
- f) The bidder must not have been disqualified for bidding within a period of three preceding years from the date of submission of the Quotation as fixed above by any competent court of law, forum or any State Govt. or statutory entities. The bidder has to furnish a declaration in his document, if not disqualified.
- g) The document in support of the clauses in the eligibility criteria needs to be submitted by the bidder in the envelope for techno-commercial bid. All the document submitted in support of eligibility

criteria must have been authenticated by the bidder with his signature & seal. RMC, Dunguripali reserves the right to verify the original documents in support of their above claim.

h) The bidder should have valid model approval certificate from the Director, Legal Metrology, Govt. of India. The model approval mark must be reflected in the manufacturing licence issued by the Legal Metrology Department.

i) The Bidder should submit an affidavit for genuineness of documents submitted by him. All the documents must be signed by him. Signature with Seal of Bidder 7 4.2 CLARIFICATION OF BIDS To assist in the examination, evaluation and comparison of Bids, the RMC, DUNGURIPALI may at its discretion, ask any Bidder for clarification of the Bidder's Bid, including break-up of unit rates. The request for clarification and the response shall be in writing. If necessary the technical team of RMC, DUNGURIPALI may visit the weigh bridge installation site of the bidder to ascertain the performance of the installed weigh Bridge.

SCOPE OF SUPPLY AND SERVICES, COMPLETION PERIOD

4.1 Broad Scope of Work The selected bidder will have the following scope of work to be executed on turnkey basis as per enclosed specification as at Annexure-A.

4.1.1 Electronic weigh bridge with load cell and platform.

4.1.2 Construction of 5.5 Mtr width cement Concrete ramp of M25 grade to plat-form on both side of Weigh Bridge as per the requirement of length at the site with proper Gradient of 1:20.

4.1.3 Installation of software at the Weigh bridges with construction of scale room.

4.1.4 Computers and printers

4.1.5 UPS as required for the system and site

4.1.6 All electrical and data connections including cabling.

4.1.7 Minimum warranty of 2 yrs for weigh bridge, Scale room, ramp, Computer, Printer, UPS and related infrastructure/accessories from the date of completion/ commissioning .

Test Weight: Test weight for calibration will be provided by The RMC Dunguripali, minimum 1 MT as per Odisha Legal Metrology (Enforcement) Rules -2011.(1 MT = 50 nos. of 20 Kg. cast iron weights) & will be kept at the site of the weigh bridge for checking the accuracy of weigh bridge.

BILL OF THE MATERIAL

The complete bill of material of the weigh bridge system indicating detail specifications, make, quantity etc. without the price column must be submitted in the prescribed format along with the techno- commercial bid for evaluation as below in ANNEXURE-B (BILL OF MATERIAL)

PAYMENT TERMS, TAXES & DUTIES

5.1 For supply installation and commissioning of the weigh Bridge and related infrastructure/ accessories.

5.1.1 95 % payment shall be made at R.M.C. against complete Installation, commissioning & stamping of Weigh Bridges with certification from Legal Metrology Department, Govt. of Odisha and taken over certification from the authorized representatives of R.M.C.

5.1.2 Balance 5 % payment shall be treated as Security Money which released at R.M.C.s after Completion of the Warranty period of the Weigh Bridge.

5.1.3 TDS under I. Tax Act as applicable & statutory deductions as per Govt. norm shall be deducted from the bills. All bills are to be submitted as per relevant Rules as applicable.

WARRANTY

The bidder shall give warranty for satisfactory performance of all the materials like Weigh bridge, bunk house and ramp etc. for a period of 2(two) years from the date of successful commissioning and stamping. The warranty is also for Computer, UPS, and other related accessories and ancillary infrastructure for a period of two years. The bidder shall replace defective materials free of cost during the warranty period. The Warranty shall be in the name of R.M.C.

ANNEXURE-B (CHECK LIST FOR TECHNO-COMMERCIAL BID)

(TO BE ENCLOSED WITH TECHNO-COMMERCIAL BID)

Name of the bidder, Postal address & Registered Office:

Type of Organisation:

Contact name & Designation of the person signing the tender & the Phone number: Official email, Phone, FAX address:

Official website:

Sl. No.	Qualification Requirement	Complied	Documents
1.	Signed copy of Quotation documents with seal		
2.	Signed copy of check list with seal		
3.	Certificate of registration as manufacturer		
4.	GST/ GSTN certificate,		
5.	PAN		
6.	No. of similar projects implementation with details including locations and value of such projects with installation evidence		
7.	Current project in hand, locations, its value and & documents in support of fulfilling eligibility criteria to be attached.		
8.	Approval of legal metrology department		
9.	Detail list of technical manpower to undertake service requirement and license for such services.		
10.	Filled in Bill of Materials		
11.	For turnover audited statement of Balance Sheet & Profit & Loss for 3 financial years excluding current year		
12.	Service Facility License		

PART-II (PRICE DETAIL FOR 50 MT W.B.)
SUPPLY, INSTALLATION & COMMISSIONING OF 50 MT ELECTRONIC WEIGH BRIDGES (PIT LESS KIND)
WITH ANCILLARYINFRASTRUCTURE .

Sl. No.	Description	Qty (a)	Basic Price per each (in Rs.) (b)	Total Basic Price in (Rs) (a x b) (1)	E.D. (Rs) (2)	GST (Rs) (3)	Total (1+2+3) (4)	Entry Tax (5)	Freight & Insurance (Rs) (6)	Total (4+5+6)
1	50MT Weighbridge with digital indicator	1 no								
2.	Computer & Printer with software	1 set								
3	U.P.S	1no								
4.	CVT	1no								
5	Bunk House	1 no								
6.	Ramp									
7.	Erection commissioning charges as per scope of work.	1 no								
	Grand total price of one set of 50 MT W.B.									

Grand Total price in Words (Rupees _____) only.

Notes:

- (i) Price for 50 MT W.B is to be quoted in separate price bid forms.
- (ii) Only type written price bid will be accepted.
- (iii) In case of disagreement between price in figure and word, price in words will prevail over price in figure.
- (iv) L1 price will be selected on the basis of grand total price in words.
- (v) In case of disagreement between rate & total of each items then rate will prevail over total of same

Signature with Seal of Bidder