



ನವ ಮಂಗಳೂರು ಬಂದರು ಪ್ರಾಧಿಕಾರ  
नव मंगलूर पत्तन प्राधिकरण  
NEW MANGALORE PORT AUTHORITY  
(Fully Solar Powered)

भारत सरकार (पत्तन, पोत परिवहन और जलमार्ग मंत्रालय)  
Govt of India (Ministry of Ports, Shipping and Waterways)  
ಪಣಂಬೂರು ಪಣಮ್ಬೂರು Panambur / ಮಂಗಳೂರು ಮಂಗಲೂರು Mangalore - 575010



No: NMPT/CME/2022-23/WB

Dtd.23/09/2022

To,

The Prospective Bidders,

Sir,

Sub: Upgradation of existing NMPA Weighbridge No.2 to Automated Unmanned Weigh Bridges – Budgetary Quotation Requested- Reg.

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NMPA has decided to upgrade the existing Weighbridge No.2 to automated unmanned weighbridge. The present weighbridge consists of an operator who will enter the details into the system like, Vehicle Registration Number, Cargo, Agency etc. The system will generate the weighment details, timing and date and a hard copy printout of the weighment slip will be issued to the driver after signing and authentication by the weighbridge operator.

The process flow of the up gradation of existing NMPA Weighbridge No.2 to Automated Unmanned Weigh Bridges is as follows:

1. The vehicle arrives inside the weighbridge platform for weighment and Visual and sound alarm shall be provided to guide the vehicle to stop at a dedicated location.
2. The driver flashes the RFID card (same RFID card used to get entry of the vehicle inside the port) to the UHF reader positioned right next to the driver cabin towards the right in the same height.
3. The RFID System will provide the data like driver name, Vehicle Registration number, Cargo, agency etc from the RFID system of NMPA. The required integration for this will be done by the RFID service provider
4. The weighbridge software should provide the weighment, date and time of weighment.
5. The Weighbridge software system should receive the data provided by RFID system like the driver name, Vehicle Registration number, Cargo, agency etc and provide the weighment, date and time of weighment, Compute the data into a single report and provide weighment slip in printed format at the same height as that of the driver cabin
6. The Weighment slip shall also be sent via text message/email to the agency opting for the weighment slip through electronic medium.
7. The visual and sound alarm shall guide the vehicle to leave the weighbridge.

(A) Bill of Quantity

Sl. No	Description	Quantity
1	Vehicle position/indication light ( Red and Green) and alarm system	1 Unit
2	LED display with mounting enclosure for displaying weightment slip along with other details as required.	1 Unit
3	Thermal Printer along with mounting enclosure at cabin height of driver along with easy approach provision for maintenance work and loading printing slips for providing weightment slip.	1 Unit
4	Computer for compiling the RFID data and Weighbridge data and to send report to thermal printer.	1 Unit
5	Up gradation of existing weighbridge software/ providing new software compatible with existing RFID system	1 Unit
6	3 Core Cable (Power)	40 meters
7	CAT 6 LAN Cable	40 Meters

Terms and Conditions:

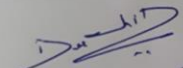
- 1) NMPA may order all items from you or may delete some items as per the requirement.
- 2) Full payment will be made within 15 days after successful completion of work.
- 3) Applicable GST should be shown separately.
- 4) The entire work of Supply, Installation & Integration with the existing system should be completed in 6 weeks from the date of work order.
- 5) RFID data will be made available to you from the RFID service provider in HTML format for which you shall develop your API to receive the data.
- 6) All columns of the budgetary quotation shall be filled.

You are requested to submit your lowest quotation for the above items.

Your quotation in complete shape in the enclosed format addressed to: The Executive Engineer (M)I, New Mangalore Port Authority, Administrative Building, Panambur, Mangalore - 575010 should reach us on or before 29/09/2022.

Yours faithfully,

Encl: ANNEXURE

  
सहायक कायपालक अभियंता, (एम)  
Asst Executive Engineer (M)  
नव मंगलूर पत्तन प्राधिकरण  
New Mangalore Port Authority  
पणंबूर / Panambur,  
मंगलूर-५७५०१० / Mangalore - 575 010.

(DEEKSHITH)

**ANNEXURE**

Sl. No	Description	Make	Quantity	Supply		Installation		
				Rate	Amount	Rate	Amount	
1	Vehicle position/indication light ( Red and Green) and alarm system	Reputed/ Compatible with your software	1 Unit					
2	LED display with mounting enclosure for displaying weighment slip along with other details as required.	Reputed/ Compatible with your software	1 Unit					
3	Thermal Printer along with mounting enclosure at cabin height of driver along with easy approach provision for maintenance work and loading printing slips for providing weighment slip.	Reputed/ Compatible with your software	1 Unit					
4	Computer for compiling the RFID data and Weighbridge data and to send report to thermal printer.	Reputed/ Compatible with your software	1 Unit					
5	Up gradation of existing weighbridge software/ providing new software compatible with existing RFID system	-NA-	-NA-					
6	3 Core Cable (Power)	Reputed	40 meters					
7	CAT 6 LAN Cable	Reputed	40 Meters					
	GST if any @.....%							
	GRAND TOTAL							