

BPL ENGINEERS

W-257 , S Block , Near Indrayani Nagar , MIDC Bhosari ,Pune-411026
Contact: Mobile -8830089132, Email: bplengineers.weighbridge@gmail.com

Date: 19-04-2023

Quotation No: APR/05/2023-24

QUOTATION

TO,

M/s. LODESHWAR AGRO PRODUCER COMPANY LIMITED
Tal: Narkhed,Dist-Nagpur, Maharashtra.

Sub :- Quotation For BPL Make Fully Electronics Weigh Bridge

We BPL Engineers manufacturing all types of weighing machines since 27 years.
With reference to your enquiry for an " BPL " Make Electronic Weigh Bridge
We take pleasure to quote for the same :-

Type:- Pit / Pitless Type

"BPL" Make Fully Electronics Weigh Bridge

Capacity	Least Count	Platform Size	Qty
1) 60 Tons Using 6 nos Loadcells of 30 Tons Each	10 Kg	9 M * 3 M	1 no

Specifications :-

Structure:- Weighbridge Bottom Deck should be fabricated of suitable heavy steel Sections made of beam ISMB & M.S. plate 10 mm thick on top with anti skid strips.

Load cells & Accessories: -

- The Load cells used are of Double Ended Shear Beam & are certified with IP-68 quality standards.
- Mounting kits for Load cells & foundation pedestals. to safeguarded against lateral & sway moments.

Indicator Headwork :-


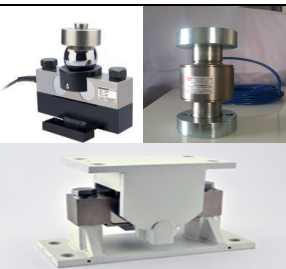


- A Complete Software loaded I.T Digitiser with All the necessary data feeding facility such as Truck No, Material details, Party Name etc via its 101 keys keyboard.
- 1 no Jumbo Display(2 inch) for driver viewing.
- Software will have a facility to generate various reports such as monthly Report, Truck wise , Item Wise ,& Party Wise Reports

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ACCESSORIES INCLUDED WITH WEIGHBRIDGE

DESCRIPTION / MATERIAL LIST	PHOTO	QTY.
<p>WEIGHBRIDGE PLATFORM STRUCTURE</p> <ul style="list-style-type: none"> • All Material will be IS 2062 Grade • Painting: 2 Coat Primer with Enamel Paint (Make: Burger / Asian / Shalimar) • All Standard Joint Assembly, Nut & Bolts, Foundation Plates etc.... 	 <p style="text-align: right; margin-right: 10px;">Pitless Pit type</p>	01
<p>HEAVY-DUTY LOAD CELL</p> <ul style="list-style-type: none"> • Digital- Type Load Cell • IP 68 Protected Load Cell • In-built Lightning & Surge Protection. 		As per Platform Size
<p>ELECTRONICS DIGITIZER (SMART INTELLIGENT TERMINAL SYSTEM)</p> <ul style="list-style-type: none"> • Dual range system in which scale capacity is divided in two ranges with different division sizes. • Three-step calibration to achieve perfect and error free calibration • Smart calibration to provide correction for small weight errors • Actual weight display at power ON • Auto zero tracking • Weight tracking to generate stable weight on display in loaded platform condition • Decimal point selectable • Averaging of internal counts to achieve stable and accurate weight • Password for security • String selection with different communication parameters can be factory set as per user's requirement for interfacing the indicator with computer Software. • RS232 serial protocol & parameters are field changeable to make the indicator output compatible with other makes of indicator. 		01
<p>JUNCTION BOX (SUMMATION BOX)</p> <ul style="list-style-type: none"> • High Protection Junction Box with GD Tubes & Built in Surge & Lightning Protection made of ABS plastic. • Water Proof Cable PG-9 Gland (IP67 Protected). 		01
<p>OUT DOOR JUMBO DISPLAY</p> <ul style="list-style-type: none"> • 2.3 Inches RED LED Display with Data Cable & SMPS Power Supply. 		01
<p>LOAD CELL CABLE (SHIELDED) - Junction Box to Digitizer</p>	4 Core Shielded	10 Mtr.
<p>ACCESSORIES (CABLE, CONNECTORS & DATA SIGNAL CABLE ETC....)</p>	Standard Accessories	01

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Technical Specification of Loadcell

1	Loadcell	
	Model	Digital
	Type	Double Ended Shear Beam Type
	Design Capacity of each load cell, tons	Nearby to 30 Ton each
	Allowable over-load on each load cell, % of design load	
	- Safe	150 % of RO
	- Impact or Ultimate	300 % of RO
	Rated Output Sensitivity	3mV/V +/- 0.002
	Protection provided for dust, water, etc.	IP 68 (Hermetically Sealed)
	Input Resistance	750 +/- 10 Ohms
	Output resistance	750 +/- 3 Ohms
	Insulation Resistance	5000 Ohms Max. at 50VDC
	Non- Repeatability	+/- 0.01
	Non-linearity, % RO	+/- 0.01
	Hysteresis, % RO	+/- 0.02
	Creep 30 Min. % RO	+/- 0.02
	Zero balance % RO	+/- 1
	Recommended Voltage	5-15V AC/DC
	Maximum Excitation Voltage	20 V AC/DC
	Temperature compensation range, deg Celsius =+/-	0 to 60 deg Celsius
	Operating Temperature Limits, deg Celsius =+/-	0 to 50 deg Celsius

Unique features of these Sensortronics / ADI load cells are:

High Accuracy, Easy Installation ,No cornering issue ,showing same reading at any position of platform. No Difference in weight as vehicle is moved from left to right & right to left

Scope of supply:

Purchaser's Scope:

- Entire Civil foundation work as per the Drawings & weigh cabin.
- Earth Pit and Earth strip routing to and over foundation pedestals as per diagram.
- Test weights for Govt. Stamping.
- Required Printing Material , & Inverter (If needed),Insulation PVC pipe for loadcell cable.
- Loading and unloading for hydra crane for installation.
- TVS make dot matrix printer.

Our Scope Of Supply:

- Structure / MS Platform Assembly
- A0024 Digitizer with jumbo display(2 inch) for driver.
- Load cells of 30T capacity each for Weigh bridge
- Junction Box – 1 No.
- Standard Home run Cable.
- Standard Weighbridge software.

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Commercial Offer :

Sr. No	Particulars	Unit	Qty	Price (In Rs.) Each	GST @ 18% Extra	Total Price (In Rs.)
1.	Price of 60 Ton Weigh Bridge Type : Pit / Pitless Type Model:TBPL Platform Size : 9 mtrs x 3 mtrs No. of Load cells : (6)	Set	1 no	Rs. 7,21,000.00	Rs.1,29,780.00	Rs. 8,50,780.00

FREIGHT(Transport) : Included..

INSTALLATION : Included

GOVT. STAMPING : Included (BPL Engineers shall do the stamping at site.)

WARRANTY : Warranty of one year from the date of invoiced. The warranty offered is an on-site warranty and is applicable only to the original buyer to whom the weighbridge is invoiced.

DELIVERY : 3 - 4 Weeks.

PAYMENT TERMS : 50% Advance with PO, 45% plus full taxes against Proforma Invoice before delivery, Balance 5% against Installation or with in 15 days of material recpt. Whichever is earlier

VALIDITY OF THE OFFER : 10 days from the date of the company's offer.

Note:-As per department of weights & metrology guideline, customer has to keep 1 ton test weights is mandatory along with weighbridge.

With Best Regards

For BPL Engineers,

Mobile- (8830089132)