

BPL ENGINEERS

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

GSTIN NO:-27AFQPB2601D1ZZ

Date: 30-09-2022

Quotation No: SEPT/30/2022-23

QUOTATION

TO,
M/s. Sai Aadhar Farmer Producer Co. Ltd.
At-Muluwa, Tal: Umardhed, Dist-Yavatmal, 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	10 Kg	9 M * 3 M	1 no
Using 6 nos Loadcells of 30 Tons Each			

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

Contd...2


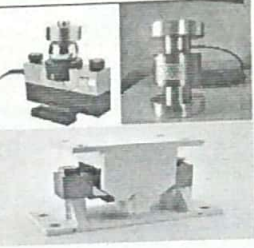
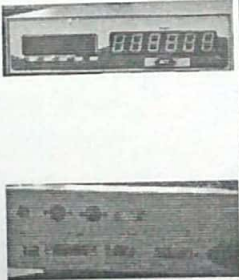


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ACCESSORIES INCLUDED WITH WEIGHBRIDGE

DESCRIPTION / MATERIAL LIST	PHOTO	QTY.
WEIGHBRIDGE PLATFORM STRUCTURE <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>Pitless Pit type</p>	01
HEAVY-DUTY LOAD CELL <ul style="list-style-type: none"> Digital- Type Load Cell IP 68 Protected Load Cell In-built Lightning & Surge Protection. 		As per Platform Size
ELECTRONICS DIGITIZER (SMART INTELLIGENT TERMINAL SYSTEM) <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
JUNCTION BOX (SUMMATION BOX) <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
OUT DOOR JUMBO DISPLAY <ul style="list-style-type: none"> 2.3 Inches RED LED Display with Data Cable & SMPS Power Supply. 		01
LOAD CELL CABLE (SHIELDED) - Junction Box to Digitizer	4 Core Shielded	10 Mtr.
ACCESSORIES (CABLE, CONNECTORS & DATA SIGNAL CABLE ETC....)	Standard Accessories	01

Contd...3

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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. 7,10,000.00	Rs.1,27,800.00	Rs. 8,37,800.00

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)