

BPL ENGINEERS

Manufacturers of All Types of Electronics Weighing Scales

W-257 , S Block , Near Indrayani Nagar , MIDC Bhosari ,Pune-411026

18-06-2022

QUOTATION

TO,
M/s. **Umarkhed Taluka Aditya Farmer Producer Co. Ltd.**
At Post Mulava, Tal. Umarkhed, Yavatmal, Maharashtra,

Sub :- Quotation For BPL Make Fully Electronics Weigh Bridge

With reference to your enquiry for an " BPL " Make Electronic Weigh Bridge
We take pleasure to quote for the same :-

Type:- Pitless Type

"BPL" Make Fully Electronics Weigh Bridge

Capacity	Least Count	Platform Size	Qty
1) 50 Tons Using 6 Loadcells of 30 Tons Each	5 Kg	3 M * 9 M	1 no

Specifications :-

Structure:-Weighbridge Bottom Deck should be fabricated of suitable heavy steel
Sections made of 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 ,1 no additional display in Cabin
- Software will have a facility to generate various reports such as monthly Report, Truck wise , Item Wise ,& Party Wise Reports

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Technical Offer

1	Loadcell	
	Make and Model number	" ADI " Make ,
	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
- ▶ Does not require mechanical constrains to restore to its original position & take impact of side loads/ breaking jerks

Scope of supply:

Purchasers Scope:

- ▶ Entire Civil foundation work as per the BPL Engineers Drawings & weigh cabin.
- ▶ Necessary Permits and Entry passes
- ▶ Earth Pit and Earth strip routing to and over foundation pedestals as per diagram.
- ▶ Test weights for Calibration.
- ▶ Required Printing Material , & Inverter (If needed)
- ▶ Loading and unloading for hydra crane for installation.
- ▶ TVSE Printer-Dot matrix

BPL Engineers scope of Supply

1	Structure / Platform Assembly
2	A0024 Digitizer with jumbo display for driver.
3	<u>ADI</u> make Load cells of 30T capacity each for Weigh bridge
4	Junction Box – 1 No.
5	Standard 20m Home run Cable.
6	Standard Weighbridge software.
7	TVSE Printer-Dot matrix

Commercial Offer :

Sr. No.	Particulars	Unit	Qty	Price (In Rs.) Each
1.	Basic Price of 50 Ton Weigh Bridge Model : TBPL Type : Pitless Type Platform Size : 9 mtrs x 3 mtrs <u>No. of Load cells : (6)</u>	Set	1 no	Rs.6,10,000.00

Taxes :- Included

FREIGHT : Included

STAMPING : BPL Engineers will stamp the Weighbridge at site.

WARRANTY : BPL Engineers offers a 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
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.

With Best Regards

For BPL Engineers

Manoj

Mobile- 8830089132