



**West Bengal State Electricity
Distribution Company Limited
(A Govt. of West Bengal Enterprise)**

WBSEDCL is contemplating to procure Pit less type 16 X 3 Metre, 60 M.T capacity Road Electronic Weighbridge at Chord Road Central Store including installation. The Technical Specification of the above item and GCC in line with revised Purchase Policy, are posted in Company's website viz www.wbsedcl.in. Proposals are hereby invited from the intending manufacturers to put forward their suggestion to Chief Engineer (Procurement & Contracts), WBSEDCL, 4th floor, Vidyut Bhavan, Salt Lake City, Kolkata – 700091 (Fax No. 033-2359-1921 / email materialcontroller@yahoo.co.in) by 22.11.2014 positively and send their technical representative at PRE-TENDER CONFERENCE scheduled to be held on **25.11.2014 at 14.30 hrs.** at the Conference Room of the Chief Engineer (Procurement & Contracts Department), WBSEDCL, 4th floor, 'D' Block, Vidyut Bhavan, Kolkata-700091.

Technical Specification of Pit less Type 16X3 M 60 M.T Weigh Bridge :

<i>Description of material</i>	<i>Type of Weigh Bridge</i>
60MT with Overload Capacity +20%, Minimum resolution 10 kg in compliance with accuracy standards of Weight and Measures,	Size:16X3 M Pit less Type

Specification of Weigh Bridge:

Sl. No.	Items	Specification
1	Capacity	60MT with Overload Capacity +20%, Minimum resolution 10 kg in compliance with accuracy standards of Weight and Measures.
2	Surface	Pit less Type
3	Platform	Size:16X3 M with ISMB-500mm, Cross Beam-200mm, Platform Top plate-10mm (M S Chequered Plate), Anti Corrosive Paints – One coat Red Oxide and Two Coat Black Enamel Paints, (Make of Steel for platform & other structures should be of primary steel manufacturer like TISCO/SAIL/JINDAL/ESSAR).
4	Load Cell	8 nos. of load cell, Compression SS type with high over load capacity with no corner adjustment, to be provided with mounting kit duly painted with Zinc Paint, Capacity 40 MT each, Hermetically sealed with lighting protection, OIML certified, protection class – IP 68 & IP- 69 K, Load Cell output minimum 1 mv/v, accuracy < 0.012%
5	Protection Class	IP- 68
6	Digital Indicator/Digitizer	Micro Processor Based 6 (six) digit 7 segment display, auto zero tracking, linear scale, ambient temperature 10 ⁰ C to 50 ⁰ C
7	Accessories	Junction Box 9 no glands of double compression type with surge arrester to be provided (AL IP-65)
		Load Cell Cable: 25 mtrs, Triple Shielded,6 core
8.	P.C	Core 2 Duo, Pentium -IV, 2 GB RAM, Colour TFT, Monitor(15”) , Mouse Key Board, Complete with weighbridge software, make- HP/ Lenovo/ Compaq/ Dell. Printer DMP (Make - TVS)/ Laser (Make – HP). UPS -1 KVA (Backup 2 Hours) Make – APC, Micro Tech,
9	Earth pit	Two Nos.
10	Civil Construction	For above 8 Load Cell based , pit less type ,of capacity 60 MT weigh bridge with two side Ramp of 3 Meters should be of standard IRC Act
11	Power Supply	230 Volt AC , ±10 % , 50 Hz
12.	Others	a) Construction of civil Foundation for 16 mtr. x 3 mtr. b) Existing Weigh Cabin to be utilized for installation of PC, Printer etc of the new weigh bridge. c) Electrical wiring of weigh cabin with fitting (power source should be available at room) d) Unloading of the Weigh Bridge at site. e) Assembling, installing, commissioning. f) Providing crane/ unskilled laborers during installation. g) Providing test weights, testing stamping and handing over. h) Guarantee :- 12 Months from date of due Commissioning and handing over i) Annual Maintenance Contract: - 5 (Five)Yrs. after completion of the above guarantee period.