

16	Width of the Plat form in meters	P	E	3m	4m	4.5m					G				
17	Anti skid feature for Platform	P	E	Yes											
18	Ramp length in mm	P	T	1:10 for portable for 1 feet height 10 feet length	NA (For surface Mounted and Pit mounted)										
19	Weight of Platform structure in Kg	D	N												
20	Protection from rust and corrosion by way of suitable treatment and painting for the platform structure	P	E	Yes							G				
21	The platform structure should be able to bear twice the maximum capacity of weigh bridge	P	E	Yes											
Load cell															
22	Capacity of Load Cell in Tonnes	P	E	10 ton	20 Ton	30Ton	40 Ton		2	5	G	45			
23	No of Load Cell in the weigh bridge system	P	E	4	6	8	10		12		G				
24	Type of Load Cell	P	E	Compression Type	Double ended Shear Beam Load Cell						G				
25	Accuracy Class of weigh bridge	P	E	Class III											
26	Load cell technology	P	E	Analog	Digital						G				
27	Material of Body of Load Cell	P	E	Stainless Steel	Nickel plated Alloy steel						G				
28	Load cell to be hermentically sealed	P	E	Yes											
29	Protection class for load cell	P	E	IP 65	IP67	IP 68					G				

30	Certification required for for load cell	P	E	RRSL	OIML						G				
31	Load cell to be protected from lightning	P	E	yes											
32	Auto rotation lock	P	E	yes for compression type load cell	NA(For double ended shear beam load cell)						G				
33	shall be provided with water [roof connections	P	E	yes											
34	Cabling for load cell	P	E	shielded 4 conductor cable											
35	LENGTH of cable Provided for load cell in meters	P	E	6	9	12					G				
36	Should provide required cable from load cell to controller as per approved drawings	P	E	yes											
37	Excitation Voltage in volts	P	E	0 to 15 V											
38	Maximum Rated Out Put of the Load Cell in mv/Volt	P	N												
39	Load cell shall be provided with overload protection	P	E	Yes											
40	Operating temperature range	p	E	Minus 20 to 50											
41	load cell shall withstand hostile conditions due to extreme temperature ,lightning wind shock and	P	E	yes											
42	shall be provided with automatic diagnostics	P	E	Yes	NO						G				
43	shall be unaffected by off centre loads	P	E	Yes	NO						G				

44	canister design to be strong enough to withstand wear and tear and accidental damage due to harsh usage	P	E	YES										
45	Rated output Repeatability in terms of FS	P	E	0.05%	0.01%						G			
47	Overload rating SAFE	P	E	125%	150%						G			
Weigh Bridge Controller														
48	Weigh Bridge Controller shall be microprocessor based	P	E	Yes										
49	Microprocessor Speed in MHZ	P	N								10<			
50	Memory capacity in GB	P	N								1<			
51	Electric Power Supply Requirements for the weigh bridge Controller	P	E	single phase										
52	The power supply shall be with EMI/RFI Filter and Spike Suppressor	P	E	Yes										
53	Type of Analog to Digital Converter	P	E	24 Bit							G			
54	Conversion speed of analog to digital converter in MHZ	P	E								18<			
55	Key Board Port for connecting	P	E	Suitable PC Compatible key										
56	Key Board Details of controller	P	text											
57	High voltage protection	P	E	yes										
58	Housing Protection for Digital Controller	P	E	IP 40	IP 60	IP 65								
59	Printer Port with controller	P	E	yes										
60	Details of Printer type	P	E	dot matrix 80 col	laser printer						G			
61	Printer Make	P	E	epson	tvse						G			
61	Serial Port Provided	P	E	yes										
62	USB port provided	P	E	yes	no						G			

63	No of digits of led display for weight	P	E	8	6						G			
64	Minimum character size of LCD Display	P	E	16x2	32x2	40x2					G			
65	Type of informations displayed	P	E	Weight, Date and Time, vehicle no										
66	Provision for remote Display port	P	E	Yes	No						G			
67	Autoflicker display of weight	P	E	yes										
68	Configurable zero tracking	P	E	yes										
69	over and under range indication	P	E	yes										
70	Tare indication	P	E	yes										
71	Remote display to be connected to red LED seven segment display to indicate weight on platform	P	E	Yes										
72	Display shall be configurable with decimal points	P	E	yes										
73	Type of reports which can be generated from the system	P	E	Date wise, Monthwise, Customer wise, Serial No wise, vehicle wise										
74	Input Power Supply Requirements	P	E	Single Phase 230 V 50 HZ										
75	Power consumption of controller unit in watts	P	N											
76	Dimensions of unit	D	text											
77	Operating temperature	P	E	minus 20 to 50										
78	Weight of controller unit in KG	D	N											
79	Protection class for junction box for connection	P	E	IP 65	IP 66	IP 67	IP68				G			
80	Surge protection for junction box	P	E	yes	no									
81	Connection type for junction box	P	E	Terminals on PCB Mounted inside JB										
82	Material of construction for junction box	P	E	ABS	MILD STEEL	STAINLE SS STEEL					G			

94	Spot light with suitable long cable to be provided	P	E	yES											
95	Number of additional load cell to be supplied	P	E	1	2	3	Not supplied								
96	Itemised break up of mechanical and electrical spares used on the machine in sufficient quantity as per recommendations for 2 tyear trouble fee maintainace on 2 shift contionous running basis TO BE INDICATED	P	E	Yes											
97	The supplies will be deemed to ebe completed only after installation and obtaining stamping of legal metrology Dept	P	E	Yes											
Doumentation															
98	operating manual of machine 3 sets in english and laungage specified to be supplied	P	E	Yes											
99	Programming Manulas	P	E	Yes											
100	Training to be given to officials of the Buying Organisation	P	E	Yes											
101	Complete software for auto calibration and smart calibration minor weight correction by software shall be provided	P	E	Yes											
102	Warranty Period	P	E	1	2	3	4	5			G				





