

Major Product Category:- Commercial and Military and Private Vehicles and their Accessories and Components (UNSPC Code: 25)								Version- 3.0
Major Product Category:- Transportation services equipment (UNSPC Code: 2519)								
Class:- Vehicle Servicing Equipment (UNSPC Code: 251917)								
Product Category:- Wheel Alignment Equipment (UNSPC CODE: 25191702)								
S.No	Parameters	FIELD TYPE	FIELD CATEGORY	LOV				Unit
APPLICATION / SUITABILITY								
1	Application	Enumerable	Mandatory	Wheel Alignment				
2	Type of Wheel Alignment Machine	Enumerable	Mandatory	Plug and play				
3	Alignment technology	Enumerable	Mandatory	3D Technology based wheel alignment system				
4	Suitability	Enumerable	Mandatory	Four wheels of Cars and LCV's				
5	Type of display	Enumerable	GOLDEN	LCD	LED	TFT		
6	Suitable for alignment on pit as well as with alignment hydraulic lift	Enumerable	Mandatory	Yes				
7	Adjustable Camera Height	Enumerable	Mandatory	Yes				
8	Provision of Single Wheel Alignment	Enumerable	Mandatory	Yes				
9	Water proof targets	Enumerable	Mandatory	Yes				
10	Toe adjustment in single tied rod vehicle, vehicle geometry measurements	Enumerable	Mandatory	Yes				
11	Adjustment of camber in wheel jacked up position	Enumerable	Mandatory	Yes				
PERFORMANCE								
1	Modes of measurement	Enumerable	Mandatory	Fine and Normal				
2	Resolution in fine mode	Measurable	Mandatory					g
3	Resolution in normal mode	Measurable	Mandatory					g
4	Minimum Rim Diameter measurement of test wheel	Measurable	Mandatory					inch
5	Maximum Rim Diameter measurement of test wheel	Measurable	GOLDEN					inch
6	Minimum Rim width measurement of test wheel	Measurable	Mandatory					inch
7	Maximum Rim width measurement of test wheel	Measurable	GOLDEN					inch
8	Measuring Cycle Time	Measurable	Mandatory					Seconds
9	Clamp size for holding wheel	Measurable	GOLDEN	10-20				inch
10	Sound level (Working Noise)	Measurable	Mandatory	<= 70				dB
11	Length of Machine	Measurable	GOLDEN					
12	Width of Machine	Measurable	GOLDEN					
13	Height of Machine	Measurable	GOLDEN					
14	Maximum weight of the equipment	Measurable	Mandatory					kg
15	Toe-in(Acc. 2 inch)	Enumerable	GOLDEN	± 20°				

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16	Camber(Acc. 2 inch)	Enumerable	GOLDEN	±10° to ±25°					
17	Caster(Acc. 4 to 6 inch)	Enumerable	GOLDEN	±15° to ±30°					
18	KPI(Acc. 5 to 6 inch)	Enumerable	GOLDEN	±15° to ±30°					
19	Setback(Acc. ± 2 inch)	Enumerable	GOLDEN	± 5°					
20	SAI (Steering Axis Inclination)	Measurable	Mandatory						
21	Individual Toe	Measurable	Mandatory						
22	Measuring Wheel base	Measurable	GOLDEN	75-200					inch
23	Size of image produced by Camera	Measurable	GOLDEN						Megapixel
POWER SUPPLY									
1	Power supply	Enumerable	Mandatory	SMPS based					
2	Necessary protections against high voltage and spikes	Enumerable	Mandatory	Yes					
3	Working Voltage	Measurable	Mandatory	230 ± 10% V AC					Volt
WARRANTY									
1	Warranty	Measurable	GOLDEN	1	2	3			Year
ENVIRONMENTAL									
1	Operating Temperature (minimum)	Measurable	Mandatory						deg C
2	Operating Temperature (maximum)	Measurable	Mandatory						deg C
3	Operating Humidity (RH) (%)	Numeric	Mandatory						

S.No	Parameters	FIELD TYPE	FIELD CATEGORY	LOV					Unit
CERTIFICATION									
1	Availability of Test Report from Central Govt. / NABL / ILAC accredited lab to prove conformity to specification	Boolean	Mandatory / Filter	Yes					
2	Test Report No. and Date	Text	Mandatory						
3	Name and Address of the Lab.	Text	Mandatory						
GENERIC									
1	Machine with animation to make it user friendly	Enumerable	Mandatory	Yes					
2	PC console with monitor and branded latest with Windows operating system provided	Enumerable	Mandatory	Yes					
3	Size of monitor screen	Enumerable	Mandatory						inch
4	Simultaneous front and rear wheel alignment (4X4) operation	Enumerable	Mandatory	Yes					
5	Unlimited memory for vehicle specifications and option of selection of vehicle specifications	Enumerable	Mandatory	Yes					
6	Self diagnostic feature	Enumerable	Mandatory	Yes					
7	Digital data setting	Enumerable	Mandatory	"+" & "-" keys/ up and down keys					
8	Automatic distance and wheel diameter measurement	Enumerable	Mandatory	Yes					
9	Diagnostic / Pedal brake	Enumerable	Mandatory	Yes					
10	Digital data Changeable between gram and ounce	Enumerable	Mandatory / Filter	Yes	No				
11	Digital data Changeable between millimeter and inch	Enumerable	Mandatory / Filter	Yes	No				
12	Other functions, if any	Text	Mandatory						
13	List of Items and Quantity of each item included	Text	Mandatory						