File No. DQA/MUM/TP/GeM/Forklift truck/2017/01

Class - Lifting Equipements and Accessories - UNSPSC Code: 241016

Commodity: Forklifts - UNSPSC Code: 24101603

				Commoun	y: Forklifts - UI	12220 00	ae: 241016	03					
S.no.	Parameters		Value 1	Value 2	Value 3	Value 4	Value 5	Value 6	Validation Rule	Whether Filter required	priority	Unit	Demand aggregation
1	Conformity to Indian Standrad	Ch	IS: 6765-2003 latest										On UNSPSC
2	ISI Marking	Ch	Yes	No					BIS Licence	ves	1		
3	BIS license number if ISI marked								must declare/write NA if				
	Operating mode	Ch	Diesel Engine operated	Battery operated							2		
	Rated Capacity at Standard Lift Height and Load Centre	N	1000	2000	3000	4000	5000	6000		Yes	3	Kg	
6	Type of drive	Ch	Single	Double							4		
7	Transmission		manual	automatic					NA for battery operated	Yes	5		
0	Lift Height	Ch N	3 to 3.8	4 to 4.5	5.1 to 5.5					Yes	6	mtr	1
	Cubic capacity of engine	IN	2.5 to 2.9	4 to 4.5 Above 2.9	5.1 to 5.5 Above 3.2	3.6 to 4.1	Above 4.1		NA for battery operated		0	Ltr	
5		N	2.5 10 2.5	ADOVE 2.3	Above 3.2	5.0 10 4.1	AD076 4.1		INA IOI Dallery operated	163	7	Lu	
10	Lifting Stages	N	2	3						Yes	8	nos.	
	Brake system	Ch	Hydraulic	Fully Pneumatic						Yes	9		
	Types of brakes		shoes brakes	disc brakes						yes	10		
	Standard load centre distance	N	DH/DV for Forklift up to 4000 Kg 500/500mm	DH/DV for Forklift for 5000 & 6000 Kg 600/600mm							11	mm	
14	Type of Motor	ch	AC	DC					NA for engine operated	yes`	12		
15	AC/DC motor rating	N	for 1000 Kg capacity battery operated forklit 2.2 Kw Min.		for 3000 Kg capacity battery operated forklit 8.5 Kw Min.				NA for engine operated	yes	13	Kw	
	DC motor operating voltge	N	36	48	72	80			NA for engine operated & AC motor		14	V	
17	Rating of Traction Battery	N	for 1000 Kg capacity, battery operated Forklift ≥15.9KW/H	for 2000 Kg capacity, battery operated Forklift ≥21.2KW/H	for 3000 Kg capacity, battery operated Forklift ⁻ 24.7KW/H				NA for Diesel Engine operated	yes	15	kwh	
18	Fork arm for fork lift truck	Ch	confirm to IS 6876 latest		2								
19	Mounting dimensions for attachment	Ch	to the extent applicable IS 7525 latest										
20	Acceptance criteria	Ch	as per IS 10517 latest										

Final

21	Stability testing	Ch	as per IS 4357						
			latest						
22	Make and model of offered fork lift	Ch				must declare			
23	Max. fork spread	N				must declare		mm	
24	Fork size	Ν				must declare		mm	
25	Overall length	N				must declare		mm	
26	Overall width	Ν				must declare		mm	
		N				must declare		mm	
28	Collapsed Height	Ν				must declare		mm	
		N				must declare		mm	
	5	N				must declare		mm	
31	Wheel base shall be declared by manufacturer	N				must declare		mm	
32	Tyre Size Pneumatic/solid	Ν				must declare		mm	
	Minimum Ambient temperature upto which engine shall be able to start without the aid of cold starting device	N				must declare		°c	
34	Mast tilt forward & backward (in degrees)	N						degree	
						must declare			
35	Mass of Truck	N				must declare		Kg	
36	Specific Fuel Consumption	N						g/kwh	
						must declare/write NA for battery operated			
	Forklifts shall be equiped with instrument panel fitted with switch key for starting, battery discharge indicator (on cowl) electronic controller as per manufacturer design.	Ch	Yes			NA for Diesel Engine operated	16		
	Instrument Panel shall have Engine oil pressure, Coolant temperature gauge, ammeter, engine hour- meter & fuel level gauge and fitted with switch key for starting.		Yes			NA for battery operated	17		
	Supply of spares by manufacturer atleast for a priod of 10 years	Ch	Yes						
40	Tare weight of Forklift Truck	N				must declare		Kg	
	Type approval certificate and confirmity of Production certificate from ARAI or other agency as approved by Government of India for latest smoke emmision norms.	Ch	Yes						
42	Standard tool kit	Ch	Yes	1					
43	Light reflectors	Ch	Yes						
44	Rear view mirror	Ch	Yes	1					
45	Alternator shall be provided for charging the battery in case of diesel engine operated fork lift	Ch	Yes			NA for battery operated	18		

46	Suitable battery charger for traction batteries	Ch	Yes			NA for Diesel Engine operated	19	
	Head light two numbers, rear lihgt one number and signal lights	Ch	Yes					
	Electric Horn., parking brake, rear towing hook/towing arrangement, adjustable cushioned driver seat and driver overhead guard with steel reinforcement at the top for protection ``		Yes					
	Consummables: Spare filter kit for engine oil, transmission, hydraulic oil suitable for 4 services shall be provided		Yes					
	The Hydraulic Cylinders of following Indian make may be used in the FLT. i) Dantal, ii) Wipro, iii)Fasto, iv)TAFE, v)Precission & vi)Canara or equivalent.		Yes					
51	Test Report number & Date for Hydraulic cylinder	ch						
	Name & address of lab where Hydraulic cylinder tested	Ch						
	Diesel Engine shall conforming to IS 10000 (1 to 12) latest and IS 10002 latest	Ch	Yes			NA for battery operated	20	
	Availability of complete & satisfactory test Report from Central govt/ NABL/ ILAC accredited laboratory to IS10517 latest (Appendix 'A') for Motor, to IS:5154 latest for Traction Battery, to IS 10000 (1 to 12) latest and IS 10002 latest for Diesel Engines whichever applicable. Test certificate No. & Date		YES					
56	Name & address of lab where test conducted							