

**DETAILED TECHNICAL SPECIFICATIONS FOR TENDER No.
KP3/9A/PT/02/15-16 FOR SUPPLY OF MOTOR VEHICLES, MOTOR
CYCLES & PLANT**

APPENDIX I – TABLE OF SPECIFICATIONS

	KPLC Specifications	Description	Qty	Drawing No.
1	KPLC-TPT-01-15-16	Motor cycle, Trail, 120-130cc.	107	
2	KPLC-TPT-02-15-16	Single Cab, Matatu body, 4x4, Diesel, 3800-4200 cc Complete with crew cabin, 7-seater & tool box.	58	
3	KPLC-TPT-03-15-16	Minibus, 29 seater, 3800cc-4500cc Diesel.	3	
4	KPLC-TPT-04-15-16	7-8 Ton, 4x2, Medium truck, Cab chassis constructed to carry poles complete with crew cab	10	
5	KPLC-TPT-05-15-16	5.0 Ton Lifting capacity fork lift	2	

<u>MOTOR CYCLE, TRAIL, 120-130cc.</u>		
Quantity: 107		
Specification No. KPLC-TPT-01-15-17.		
Description: Motor cycle, trail, 120-130cc.		
Tenderers's name:.....		
	KPLC requirements	Tenderer's Offer
1. GENERAL.		
a) Make:	-	
b) Model:	-	
c) Country of origin:	-	
d) Manufacturer's literature/brochures and specification supplied	Yes (mandatory)	
e) A standard production, motor cycle of latest design in class, in current production and marketed in Kenya.	Yes (mandatory)	
f) Capable of operating in tropical road conditions	Yes	
g) Supplied new	Yes (mandatory)	
2. DIMENSIONS AND WEIGHTS.		
a) Overall length approx.	2100 mm	
b) Overall width approx.	900 mm	
c) Overall height approx.	1100 mm	

d) Seat (saddle) height, approx.	850mm	
e) Wheelbase approx.	1300 mm	
f) Ground Clearance, approx.	260 mm (mandatory)	
g) Dry weight, approx.	100Kg	
3. ENGINE.		
a) Make	-	
b) Model	-	
c) Country of origin	-	
d) 2 stroke/4 stroke, air cooled, petrol engine	Specify	
e) Single cylinder	Yes	
f) Piston displacement, within range.	120-130cc (mandatory)	
g) Ignition system	Specify	
h) Starter system	Specify	
i) Maximum power output/rpm, min	12HP/9,000rpm Yes (mandatory)	
j) Maximum torque /rpm, min	9Nm/8000rpm Yes (mandatory)	
k) Average fuel consumption (on full load)	Specify Kms/lit	
l) Fuel Tank capacity, min.	9Lt.	
4. TRANSMISSION, BRAKES, TIRES AND SUSPENSION.		
a) Transmission, speed, minimum.	5 No.	

b) Final Transmission.	Chain drive	
c) Front and rear brakes	Drum	
d) Front size.	2.75-21-4PR	
e) Rear tyre size	4.10-18-4PR	
f) Suspension system, Front telescopic forks and rear mono-cross .	Yes (mandatory)	
5. ELECTRICAL SYSTEM/INSTRUMENTS		
a) Full lighting to conform to Kenya Traffic Act.	Yes	
b) Standard, major function gauges (speedometer, Tachometer, Odometer, trip counter, etc)/and warning lights (oil warning light etc) fitted.	Yes	
c) Fitted with suitable anti-theft alarm system.	Yes (mandatory)	
6. WARRANTY & FREE SERVICE.		
a) Each Motor cycle supplied should carry a statement of warranty	Yes	
b) Motor cycle warranty min., 6 Months or 6,000Km whichever comes first	Specify Months	
	Specify Kms	
c) Free Service on Labour & Parts	Parts (Kms)	
	Labour (Kms)	
7. MANUALS		

a) All literature in English language	Yes (mandatory)	
b) Repair manuals/microfiche/CD, supplied	Yes (mandatory)	
c) Parts catalogue/microfiche/CD, supplied	Yes (mandatory)	
d) Drivers handbook supplied	Yes	
e) Service schedule supplied	Yes	
8. OTHER REQUIREMENTS		
a) Motor cycle supplied with suitable crash helmet c/w eye protector and hand gloves.	Yes (mandatory)	
b) Motor cycle supplied complete with suitable standard fibreglass cargo box.	Yes (mandatory)	
c) Motor cycle to be painted in KPLC colour as per the user specification.	Yes (mandatory)	
d) Motor cycle to be registered by Registrar of Motor Vehicles.	Yes (mandatory)	
e) Motor cycle to be inspected by the Senior Transport Engineer prior to delivery.	Yes (mandatory)	
f) Firm's status: Franchise/Dealer/Agent	Specify	
g) g) Body construction and all fitments to conform to Kenya Traffic Act	Yes (mandatory)	
h) Indicate name and physical addresses of all Dealers/Agents where Genuine Spares and back-up service can be obtained In At least four major KPLC depots (Nairobi, Mombasa, Kisumu, Nyeri, Nakuru and Eldoret).	Attach list Yes (mandatory)	

SINGLE CAB, 4X4, DIESEL, 3800-4200cc.**QUANTITY: 51****Specification No. KPLC-TPT-02-15-17****Description: Single cab, open pick-up body constructed complete with Matatu body****Tenderers's name.....**

	KPLC Requirements	Tenderer's Offer
1. GENERAL.		
a) Make	-	
b) Model	-	
c) Country of origin	-	
d) Manufacturer's Authorization Supplied	Yes (mandatory)	
e) Manufacturer's Literature & Brochures Supplied.	Yes (mandatory)	
f) Technical Specification Sheet fully completed and submitted.	Yes (mandatory)	
g) A standard production single cabin, 4x4, diesel utility vehicle open cargo carrier suitable for conversion into a Matatu body of latest design in the class, robust construction in current production and marketed in Kenya.	Yes (mandatory)	
h) Supplied new.	Yes (mandatory)	
i) Designed for light duty specifications, capable of operating in tropical conditions of mud and dust.	Yes (mandatory)	
j) Most suitable for operating on both "on and off" road conditions.	Yes (mandatory)	

k) Most suitable for personnel and cargo transportation.	Yes (mandatory)	
2. DIMENSIONS AND WEIGHTS.		
a) Overall length min.	5080mm Yes (mandatory)	
b) Overall width, min.	1700mm Yes (mandatory)	
c) Overall height approx.	2000mm	
d) Wheelbase min.	2900mm Yes (mandatory)	
e) Max. G.V.W. approx.	3200kg	
f) Kerb weight, max.	2500kg	
g) Ground clearance, min.	230mm Yes (mandatory)	
h) Minimum turning radius, approx.	7.0m	
3. ENGINE.		
a) Make	-	
b) Model	-	
c) Country of origin	-	
d) Engine performance curves supplied	Yes	
e) Engine type, diesel, 4 stroke, water cooled	Yes (mandatory)	
f) Piston displacement, within the range.	3800-4200cc (Mandatory)	
g) Number of cylinders, min.	6	

h) Maximum power output (hp/rpm)approx. min.	95kw/3600rpm Yes (mandatory)	
i) Maximum torque developed (Nm/rpm), approx. min.	280Nm/2100rpm Yes (mandatory)	
j) Engine aspiration, natural/turbocharger	Specify	
k) Air filter, disposable/oil bath	Specify	
l) Average fuel consumption (on full load)	Specify Kms/lit	
m) Fuel tank capacity, min. approx.	90 Liters	
4. CLUTCH AND TRANSMISSION.		
a) Clutch, dry single plate, diaphragm type	Specify	
b) Hydraulic, clutch actuation	Yes	
c) Manual synchromesh gearbox	Yes	
d) Min. 5-Speed manual/1Reverse	Yes (Mandatory)	
5. ELECTRIC WINCH AND FRONT BUMPER BAR.		
a) T-Max Electric winch and Power take-off assembly.	Yes (Mandatory)	
b) Air bag compatible bull bar with T jacking slots.	Yes (Mandatory)	
c) A bull bar with a recessed winch compatible fitment	Yes (Mandatory)	
d) T-Max Electric 11000LBS winch fitted in front with the operating control box mounted inside the engine room with an extension on the mudguard to connect the remote control.	Yes (Mandatory)	
e) T-Max high lift jack suitably secured at the rear	Yes (Mandatory)	

cargo box.		
6. BRAKES AND TYRES.		
a) Assisted hydraulic, dual brake system	Yes	
b) Drum or disc brake	Specify front	
	Specify rear	
c) Mechanical parking brake, to act on transmission or rear wheels	Yes Specify	
d) Locally manufactured dual purpose tyres	Yes	
e) Optimum tyre size	Specify	
f) Tubed or Tubeless	Specify	
7. SUSPENSION AND STEERING.		
a) Front and rear suspension, independent with coil-spring and telescopic dampers	Specify Front:	
	Rear:	
b) Power assisted steering system.	Yes (mandatory)	
c) Right hand drive steering	Yes (mandatory)	
8. REAR CREW CAB.		
a) Driver's Cabin - Roomy cab to seat 2 adults comfortably, with driver's seat adjustable	Yes (mandatory)	
b) Rear crew cab to seat at least 6 adults comfortably complete with safety belts.	Yes (mandatory)	
c) Suitable bolted toolbox.	Yes (mandatory)	

9. BODY AND FINISH.		
a) All exterior body panels made non- corrosive, and all external steel fitting to be galvanized or painted.	Yes (Mandatory)	
b) Anti-rust compound applied to under body for seaside operation.	Yes	
c) Body finish, high gloss colour as specified by the user.	Yes (mandatory)	
d) Suitable bumper bar for fitting Electric winch.	Yes (mandatory)	
10. ELECTRICAL SYSTEM AND INSTRUMENTS.		
a) System voltage, negative earth, with alternator charging	12V, Yes, Yes	
b) Battery capacity	1x12V, 70Ah	
c) Full lighting to conform to Cap 403, subs 23- Kenya Traffic Act	Yes	
d) Standard instruments and gauges (or warning lights) for charging circuit, oil pressure, coolant temperature etc	Yes	
11. EQUIPMENT.		
a) Sun visors supplied 2 No.	Yes	
b) Rear view mirrors supplied 2 No. External, 1 No. Internal.	Yes	
c) FM, MW, SW radio cassette fitted.	Yes	

d) Spare wheel and external carrier supplied	Yes (mandatory)	
e) Manufacturer's standard tools, supplied	Specify	
f) Hydraulic (telescopic) jack and wheel brace, supplied	Yes (mandatory)	
g) Vehicle to be fitted with electronic speed governor.	Yes (mandatory)	
h) Governor to limit maximum speed to 80km/hr.	Yes (mandatory)	
i) Governor to be tamper proof.	Yes (mandatory)	
j) Governor to be certified by Senior Transport Engineer before fitting.	Yes (mandatory)	
k) Anti-theft alarm fitted.	Yes	
l) Metallic Hazard Triangles, standard First Aid KS-2094-2007 and 1Kg fire extinguisher.	Yes (mandatory)	
m) Supply addition Loose Floor rubber mats	Yes	
12. WARRANTY & FREE SERVICE.		
a) Specimen of vehicle warranty to be submitted when tendering	Yes	
b) Each vehicle supplied should carry a		
statement of warranty	Yes (mandatory)	
c) Vehicle warranty min., 12 Months or	Specify months	
40,000Kmwhichever comes first	Specify Kms (mandatory)	
d) Vehicle Free Service on Labour & Parts	Parts (Kms)	
	Labour (Kms)	

13. MANUALS.		
a) All literature in the English language	Yes (mandatory)	
b) Repair manuals, supplied	Yes (mandatory)	
c) Parts catalogue/microfiche/CD, supplied	Yes (mandatory)	
d) Drivers handbook supplied	Yes	
e) Service schedule supplied	Yes	
14. OTHER REQUIREMENTS.		
a) Manufacturer's authorization supplied when tendering.	Yes (mandatory)	
b) Evidence (in form of purchase documents) of minimum 10 units sold and serviced in Kenya.	Yes (mandatory)	
c) Vehicle to be registered by Registrar of Motor Vehicles	Yes (mandatory)	
d) Vehicle to be inspected by the KPLC Engineer prior to delivery	Yes (mandatory)	
e) Franchise Holders and dealers who own fully fledged workshops with adequate equipment and facilities.	Yes (Mandatory)	
f) Body construction and all fitments to conform to Kenya Traffic Act CAP 403.	Yes (Mandatory)	
g) Chevrons and reflectors fitted on rear to conform to Kenya Traffic Act.	Yes	
h) Car identity on all Glasses and Lights	Yes	
i) Indicate name and physical addresses of all Dealers / Agents where Genuine Spares and back-up service can be obtained in at least five (5) major Kenya Power depots (Nairobi, Mombasa,	Attach list – Yes (mandatory)	

Kisumu, Nyeri, Nakuru and Eldoret).		
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<u>MINIBUS, 29 SEATER, 3800-4500cc DIESEL.</u>		
QUANTITY: 3		
Specification No. KPLC-TPT-03-15-17		
Description: Minibus, 29-Seater		
Drawing No: 09366 SHEET H/1		
Tenderers's name.....		
	KPLC Requirements	Tenderer's Offer
1. GENERAL		
a) Make:	-	
b) Model:	-	
c) Country Of Origin:	-	
d) A standard production mini - bus of latest design in current production and marketed in Kenya.	Yes (mandatory)	
e) Supplied new	Yes (mandatory)	
f) Designed to heavy-duty export specifications, capable of operating in tropical conditions.	Yes	
g) Suitable for passenger transportation over paved and un-paved (rough) roads	Yes	
h) To seat 29 adult passengers comfortably complete with suitable seat belts.	Yes (mandatory)	

2. DIMENSIONS AND WEIGHTS		
a) Overall length min.	6500mm (mandatory)	
b) Overall width min.	1900 mm	
c) Overall height min.	2,100 mm	
d) Wheelbase min.	3400 mm (mandatory)	
e) Kerb weight min.	2200 Kg (mandatory)	
f) Max. G.V.W. min.	6000 Kg (mandatory)	
g) Passenger room height, min.	1,800mm (mandatory)	
h) Ground Clearance, min.	210 mm (mandatory)	
3. ENGINE		
a) Make	-	
b) Model	-	
c) Country of origin	-	
d) Engine performance curves supplied	Yes	
e) Diesel Engine,	Yes (mandatory)	
f) Water cooled, 4 stroke	Yes (mandatory)	
g) Piston displacement, within range.	3800cc - 4500cc Yes (mandatory)	
h) Number of cylinders, 4/6.	Specify	
i) Maximum power output /rpm, approx. min.	80kw/3000rpm	

	Yes (mandatory)	
j) Maximum torque developed/(rpm), min	270Nm/1800rpm Yes (mandatory)	
k) Air cleaner type, disposable/oil bath	Specify	
l) Average fuel consumption (on full load)	Specify Kms/lit	
m) Fuel tank capacity, approx.	100 Lt	
4. CLUTCH AND TRANSMISSION		
a) Clutch, coil spring type, dry single plate,	Specify	
b) Clutch system actuation, Hydraulic	Yes	
c) Gearbox, synchromesh	Yes	
d) Number of speeds, min.	5F, 1R (mandatory)	
e) Drive Configuration	4x2	
5. BRAKES AND TYRES		
a) Brakes, hydraulic-internal expanding drum	Yes	
b) Mechanical parking brake, to act on rear wheels	Yes	
c) Locally manufactured single purpose tyres	Yes	
d) Optimum tyre size	Specify	
6. SUSPENSION AND STEERING		
a) Independent, heavy duty front and rear suspension	Yes	
b) Suspension, front and rear heavy duty leaf springs with	Specify Front	
Telescopic shock absorbers at front	Specify Rear	

c) Steering type Manual/assisted	Power	
d) d) Right Hand Drive steering	Yes	
7. BODY CONSTRUCTION.		
a) Body constructed as per the supplied drawing.	Yes (mandatory)	
b) Body floor fabricated from 3.2mm thick chequer plate mild steel (full width) reinforced at equal distances with box/channel sections.	Yes	
c) Interior cover carpet.	Yes	
d) Interior roof fitted with MDF roof paneling.	Yes	
e) Interior waist fitted with carpet.	Yes	
f) Floor bearer (height and width) 12"x85"	Yes	
Passenger door position fixed at LHS the centre.	Yes	
g) Passenger door type should be knife jacking.	Yes	
h) Fixed passenger seats complete with Armrest fitted.	Yes	
i) Seating capacity should be 29 passengers.	Yes	
j) Side fixed glasses be flat	Yes	
k) Single Emergency door glass	Yes	
l) Windows top fixed and tinted, bottom sliding and clear.	Yes,(mandatory)	
m) Fitted with well-ventilated vents.	Yes	
n) Undercarriage for Tyre only –above chassis.	Yes	
o) Front shape curved to march windshield and rear shape flat with straight skirt line as per the given drawing.	Yes	
p) Suitable colour on all upholstery and carpet as	Yes	

specified by the user.		
q) Foam thickness –high-density size (100mm).	Yes (mandatory)	
r) Original headlights and taillights assemblies.	Yes	
8. ELECTRICAL SYSTEM/INSTRUMENTS		
a) System voltage, negative earth with alternator charging	12 V, Yes	
b) Battery capacity and size approx.	2X12v, 65Ah	
c) Full lighting to conform to Cap 403, -Kenya Traffic Act	Yes	
d) Standard instruments and gauges (or warning lights) for charging circuit, oil pressure, coolant temperature etc	Yes	
9. BODY, SEATS AND FINISH		
a) All body work to be thoroughly cleaned before painting. Both internal and exterior finish to be proceeded by one coat (red oxide) and undercoat to protect against corrosion for seaside operation.	Yes (mandatory)	
b) Long lasting upholstery	Special material	
c) High gloss body finish, colour to be painted in KPLC colours as specified by the user.	Yes (mandatory)	
10. EQUIPMENT		
a) Heavy duty type front fender	Yes	
b) Laminated (safety) windshield	Yes	
c) Sunvisors supplied	Yes	

d) Rear view mirrors (external and internal) supplied	Yes	
e) Full size spare tyre with rim and carrier mounted under truck	Yes	
f) Hydraulic (telescopic) jack, wheel brace & manufacturer's standard tools,	Yes,	
g) Metallic Hazard Triangles, Standard First Aid KS 2094-2007 and 1 Kgs fire extinguisher.	Yes (mandatory)	
h) Vehicle to be fitted with electronic speed governor	Yes (mandatory)	
i) Governor to limit maximum speed to 80km/hr	Yes (mandatory)	
j) Governor to be tamper proof (seald).	Yes (mandatory)	
k) Governor to be certified by CM&TE before fitting	Yes (mandatory)	
l) Anti-theft alarm fitted	Yes	
m) Supply addition Loose Floor rubber mats	Yes	
n) FM Radio cassette receiver fitted.	Yes	
11. WARRANTY & FREE SERVICE		
a) Specimen of vehicle warranty to be submitted when tendering	Yes	
b) Each vehicle supplied to carry a statement of warranty	Yes	
c) Vehicle warranty duration min. 12 Months	Specify Months	
40,000Km whichever occurs first	Specify KMS Yes (mandatory)	
d) Vehicle Free Service on Labour & Parts	Parts (Kms)	
	Labour (Kms)	
12. MANUALS		

a) All literature in the English language	Yes (mandatory)	
b) Repair manuals, supplied	Yes (mandatory)	
c) Parts catalogue/microfiche/CD, supplied	Yes (mandatory)	
d) Drivers handbook supplied	Yes	
e) Service schedule supplied	Yes	
13. OTHER REQUIREMENTS		
a) Vehicle to be registered by Registrar of Motor Vehicles	Yes (mandatory)	
b) Vehicle to be inspected by the Chief Transport engineer prior to delivery	Yes (mandatory)	
c) Firm's status: Franchise/Dealer/Agent	Specify	
d) Body construction and all fitments to conform to CAP 403	Yes (mandatory)	
e) Kenya traffic act and to have a certificate from vehicle inspection center.	Yes (mandatory)	
f) Chevrons and reflectors fitted on rear to conform to Kenya traffic act.	Yes	
g) Car identity on all Glasses and Lights	Yes	
h) Indicate name and physical addresses of all Dealers/Agents where Genuine Spares and back-up service can be obtained In At least four major KPLC depots (Nairobi, Mombasa, Kisumu, Nyeri, Nakuru and Eldoret).	Attach list - obtained In At least four major KPLC depots (Mandatory)	

MEDIUM TRUCK, 4X2, 7.0 – 8.0 TON, CAB CHASSIS.**QUANTITY: 10****SPECIFICATION NO. KPLC-TPT-04-15-17****DRAWING NO: S.K No. 9366 Sheet C2****DESCRIPTION: 7-8 Ton, 4x2, Medium truck, Cab chassis constructed to carry poles complete with crew cab.****TENDERERS'S Name.....**

	KPLC Requirements	Tenderer's Offer
1. GENERAL:		
a) Make:		
b) Model:	-	
c) Country of origin:	-	
d) Manufacturer's Authorization Supplied	Yes (mandatory)	
e) Manufacturer's Literature & Brochures Supplied.	Yes (mandatory)	
f) Technical Specification Sheet fully completed and submitted.	Yes (mandatory)	
g) A standard production, 4x2, diesel utility medium truck of latest design in the class, robust construction in current production and marketed in Kenya.	Yes (mandatory)	
h) Supplied new.	Yes (mandatory)	
i) Control Forward/Normal	Specify	
j) Designed for heavy duty specifications, capable of	Yes (mandatory)	

operating in tropical conditions of mud and dust.		
k) Most suitable for operating on both "on and off" road conditions.	Yes (mandatory)	
l) Most suitable for personnel and cargo transportation as per the supplied drawing sheet.	Yes (mandatory)	
2. DIMENSIONS AND WEIGHTS		
a) Overall length, min.	8,500 mm (mandatory)	
b) Overall width approx.	2,400 mm	
c) Overall height min.	2,500 mm	
d) Wheelbase, Min.	5,000 mm (mandatory)	
e) Length of chassis after Cab, min.	6,000 mm (mandatory)	
f) Kerb weight (excluding body), min.	3,500 Kg (mandatory)	
g) Max. G.V.W approx.	13,500 Kg (mandatory)	
h) Payload, within range.	7,000 – 8,500 Kg Yes, (mandatory)	
i) Permissible front (steering) axle load, max.	5,500 Yes (mandatory)	
j) Permissible rear (for dual wheels) axle load, max.	8,500kg Yes (mandatory)	
k) Ground clearance, min.	250 mm (mandatory)	
3. ENGINE.		
a) Make	-	
b) Model	-	

c) Country of origin	-	
d) Engine performance curves supplied	Yes (mandatory)	
e) Diesel Engine, water cooled, 4 stroke	Yes, (mandatory)	
f) Mode of aspiration. (Natural/Turbo)	Specify	
g) Piston displacement, within range.	7,000cc – 8,500 cc Yes(mandatory)	
h) Number of cylinders, min.	6 No. Yes(mandatory)	
i) Maximum power output /rpm, approx. min	160HP/3000rpm(man datory)	
j) Maximum torque developed/rpm), min	440Nm/1800rpm(man datory)	
k) Air cleaner type, disposable/oil bath	Specify	
l) Oil and fuel filter type	Disposable	
m) Average fuel consumption (on full load)	Specify Kms/lit	
n) Fuel tank capacity, min.	200 Lts	
o) Extra fuel tank fitted capacity	Specify	
4. CLUTCH AND TRANSMISSION.		
a) Clutch, dry single plate,	Yes	
b) Clutch system actuation, Hydraulic	Yes	
c) Gearbox, synchromesh	Yes	
d) Number of speeds, min.	5F, 1R	
e) Drive configuration	4x2 Yes (mandatory)	
5. BRAKES AND TYRES.		

a) Brakes, hydraulic-pneumatic assisted	Yes	
b) Mechanical parking brake, to act on transmission	Yes	
c) Rear tyres	Dual	
d) Tyres size locally manufactured	Yes,(Mandatory)	
e) Optimum tyre size	Specify	
f) Suspension, front and rear heavy duty leaf springs with telescopic shock absorbers at front	Yes	
6. STEERING, CONTROL AND CAB.		
a) Right Hand Drive steering	Yes	
b) Power assisted steering system.	Yes (mandatory)	
7. BODY CONSTRUCTION AND FITTINGS.		
a) a) Payload track constructed suitably to carry poles and general cargo over paved and unpaved (rough) roads as per the attached drawing.	Yes (mandatory)	
b) b) Crew Cabin - All steel, spacious cab to seat 9 passengers comfortably complete with seat belts as per attached drawing.	Yes (mandatory)	
c) c) Crew cab to contained toolbox/reinforced seat bed as per the attached drawing.	Yes (mandatory)	
d) d) Body cross bearers of pre-stressed channel sections, 100x50x4.5mm equidistantly spaced at a maximum of 500mm apart.	Yes	
e) e) Suitable size well-seasoned timber runners, with inverted steel section at top, between body frame and chassis.	Yes	

a) Body secured to chassis by U-bolts, diameter 16mm, held in position on wooden V-blocks.	Yes (mandatory)	
b) Body floor fabricated from 3.2mm thick mild steel plate (full width) reinforced at equal distances with box/channel sections.	Yes	
c) Steel platform body, made from mild steel chequered plate of thickness 3.2mm.	Yes (mandatory)	
d) Fixed tailgate suitably reinforced to carry heavy loads as per the given drawing.	Yes (mandatory)	
e) Drop sides in two sections as per the given drawing.	Yes (mandatory)	
f) Suitable size toolbox, fitted under body on the left hand side.	Yes	
g) Suitable rear mudguards fitted.	Yes	
h) Stone guards fitted for taillights, properly safeguard expose No. plate	Yes (Mandatory)	
i) Suitable size ladder fitted for the crew cab and the cargo carrier.	Yes	
j) Chevrons and reflectors fitted on rear to conform to Kenya traffic act.	Yes	
k) Wide view sliding windows on both sides of the crew cabin and Rear crew cabin	Yes	
l) All body steelwork to thoroughly clean before painting. Both internal and exterior finish to be proceeded by one coat (red oxide) and undercoat.	Yes	
m) Body construction and all fitments to conform Cap 403 Kenya Traffic Act.	Yes (Mandatory)	
8. ELECTRICAL SYSTEM/INSTRUMENTS.		

a) System voltage, negative earth	24V Yes	
b) Battery capacity and size	Specify	
c) Full lighting to conform to Kenya Traffic Act Cap 403.	Yes	
d) Standard instruments and gauges (or warning lights) for charging circuit, oil pressure, coolant temperature etc	Yes	
9. EQUIPMENT.		
a) Heavy duty type front fender	Yes	
b) Laminated (safety) windshield	Yes	
c) Sun visors supplied	Yes	
d) Rear view mirrors (external both sides and internal) supplied	Yes	
e) Full size spare tyre with rim and carrier mounted under truck.	Yes	
f) Hydraulic (telescopic) jack, wheel brace & manufacturer's standard tools,	Yes	
g) Any other equipment (or accessories) supplied	Specify	
h) Vehicle to be fitted with electronic speed governor.	Yes (mandatory)	
i) Governor to limit speed maximum to 80km/hr certificate provided.	Yes (mandatory)	
j) Governor to be tamper proof (sealed)	Yes	
k) Governor to be certified by Transport Engineer before fitting.	Yes (mandatory)	
l) Engine immobilizer system fitted.	Yes (mandatory)	

m) m) Hazard Triangles, Std First Aid kit KS-2094-2007 and fire extinguisher.	Yes (mandatory)	
n) Supply additional Loose Floor rubber mats	Yes (mandatory)	
10. WARRANTY.		
a) Specimen of vehicle warranty to be submitted when tendering	Yes	
b) Each vehicle supplied to carry a statement of warranty	Yes	
c) Vehicle warranty duration min. 12 Months 40,000Km.	Specify Months	
d) Whichever occurs first	Specify Kms (mandatory)	
e) Vehicle Free Service on Labour & Parts	Parts (Kms)	
	Labour (Kms)	
11. MANUALS.		
a) All literature in the English language	Yes (mandatory)	
b) Repair manuals, supplied in hardcopy/CD	Yes (mandatory)	
c) Parts catalogue supplied in hardcopy/CD,	Yes (mandatory)	
d) Drivers handbook supplied	Yes (mandatory)	
e) Service schedule supplied	Yes (mandatory)	
12. OTHER REQUIREMENTS		
a) Manufacturer's authorization supplied when tendering.	Yes (mandatory)	

b) Evidence (in form of purchase documents) of minimum 10 units sold and serviced in Kenya.	Yes (mandatory)	
c) Vehicle to be registered by Registrar of Motor Vehicles	Yes (mandatory)	
d) Vehicle to be inspected by the KPLC Engineer prior to delivery	Yes (mandatory)	
e) Franchise Holders and dealers who own fully fledged workshops with adequate equipment and facilities.	Yes (Mandatory)	
f) Body construction and all fitments to conform to Kenya Traffic Act CAP 403.	Yes (Mandatory)	
g) Chevrons and reflectors fitted on rear to conform to Kenya traffic act.	Yes	
h) Car identity on all Glasses and Lights	Yes	
i) Indicate name and physical addresses of all Dealers/ Agents where Genuine Spares and back-up service can be obtained in at least four (5) major Kenya Power depots (Nairobi, Mombasa, Kisumu, Nyeri, Nakuru and Eldoret).	Attach list – Yes (mandatory)	

5.0 TON LIFTING CAPACITY FORKLIFT.**QUANTITY: 2****Specification No. KPLC-TPT-05-15-17.****Description: 5.0 Ton Lifting capacity fork lift.****Tenderers' name.....**

	KPLC Requirements	Tenderer's Offer
1. GENERAL		
a) Make	-	
b) Model	-	
c) Country of Origin	-	
d) Manufacturer's Literature/Brochures and Specification Supplied.	Yes(Mandatory)	
e) a)A standard production, 5.0 Ton Fork lift of latest design in robust construction in current production marketed in Kenya	Yes(Mandatory)	
f) b) Supplied new.	Yes (Mandatory)	
g) c) Designed to heavy-duty export specs, capable of operating in tropical conditions.	Yes	
2. WEIGHTS.		
a) Load capacity min.	5000Kg Yes(Mandatory)	
b) Un laden weight min.	7500Kg	
c) Axle loading with load, front/rear min.	11000Kg/1100Kg	

d) Axle loading without load, front/rear min.	3500Kg/4000Kg	
3. WHEELS AND TYRES.		
a) Tyres: Industrial solid tyres	Yes(Mandatory)	
b) Wheels,4front(driven) and 2rear	Yes(Mandatory)	
c) Track width front approx.	1900mm	
d) Track width rear approx.	1700mm	
4. DIMENSIONS.		
a) Wheelbase min.	2100mm Yes(Mandatory)	
b) Mast/Fork tilts, forward max.	6°	
c) Mast/Fork tilt, backward max.	10°	
d) Height, mast lowered min.	2700mm	
e) Free lift	Specify	
f) Lift height approx.	4500mm	
g) Height of mast, extended.	Specify	
h) Cab height approx.	2700mm	
i) Seat height approx.	1600mm	
j) Towing coupling height approx.	500mm	
k) Overall length min.	4880mm	
l) Length to face of forks min.	3500mm	
m) Fork carriage width, min.	1800mm Yes (Mandatory)	

n) Fork carriage length, min.	1800mm Yes (Mandatory)	
o) Ground clearance under mast, with load approx.	200mm	
p) Ground clearance, centre of wheelbase approx.	250mm	
q) Outer turning radius approx.	3300mm	
r) Inner turning radius min.	1350mm	
5. PERFORMANCE.		
a) Travel speed with/without load.	Specify	
b) Lifting speed with/without load	Specify	
c) Lowering speed with/without load.	Specify	
d) Transmission-3-speed hydrodynamic	Yes (mandatory)	
e) Hydraulic service brake	Yes (mandatory)	
6. ENGINE.		
a) Engine manufacture/type	Specify	
b) Engine output, min.	60Kw@2200rpm Yes (mandatory)	
c) Power: Diesel	Yes (Mandatory)	
d) Engine torque approx.	500Nm/1200rpm	
e) Turning speed approx.	2000rpm	
f) Number of cylinders.	4Cylinders	
g) Engine capacity (displacement) within range.	3500cc-4500cc. Yes(Mandatory)	

7. ACCESSORIES.		
a) Maintenance & Service manual	Yes	
b) Operational Manual	Yes	
c) Spare Parts Catalogue	Yes	
d) Repair Manuals	Yes	
e) Supply complete with 2 No. spare wheels, wheel spanner and hydraulic bottle jack.	Yes(Mandatory)	
8. OTHER REQUIREMENTS.		
a) Manufacturer's authorization supplied when tendering.	Yes (mandatory)	
b) Evidence (in form of purchase documents) of minimum 10 units sold and serviced in Kenya.	Yes (mandatory)	
c) Body construction and all fitments to conform to Kenya Traffic Act.	Yes (Mandatory)	
d) Fork lift to be registered by Registrar of Motor Vehicles	Yes (mandatory)	
e) Fork lift to be inspected by the Chief Transport engineer prior to delivery	Yes (mandatory)	
f) Indicate name and physical addresses of all Dealers/Agents where Genuine Spares and back-up service can be obtained in at least one major Kenya Power depots (Nairobi, Mombasa, Kisumu, Nyeri, Nakuru and Eldoret).	Attach list – Yes (mandatory)	