

## Estimate

## Schedule of Items

IW/MACE/2627/02/2019/CF  
06 03 2019

Sealed quotations are invited from the Government approved workshops and authorised dealers of Ashok Leyland limited for the repair of the University Vehicle KL-01-N-2627 for the following works

Sr No	ITEM	SPECIFICATION	Qty	Spare Part Cost (Inc: Taxes)	LABOUR (Inc: taxes)
<b>Mechanical Jobs</b>					
1	Removing front and rear shackle assemblies, replacing new shackles in front and rear wheels	As per manufacturer recommended standards	1 Job		
2	Removing and refitting Tie rod ends	As per manufacturer recommended standards	1 Job		
3	Removing and refitting diesel pump assembly and injectors	As per manufacturer recommended standards	1 Job	0	
4	Stripping down diesel pump assembly, Carry out overhauling of diesel pump, pump accessories, injectors, Calibration of fuel pump 6RSV Ashok Leyland and injectors after testing to capacity	As per manufacturer recommended standards	1 Job		
5	Water Service Vehicle Complete	Inclusive of interiors/ exterior	1 Job	0	

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Sr No	ITEM	SPECIFICATION	Qty	Spare Part Cost (Inc: Taxes)	LABOUR (Inc: taxes)
6	Replace and renew Engine Oil	Gulf Super Fleet LE Dura Max 15W-40	18.5 L		
7	Renew and replace Oil Filter	Full Flow Type - Ashok Leyland genuine	1 No		
8	Renew and replace fuel filter Cum Water Filter	Ashok Leyland Genuine	1Set		
9	Renew and replace Fuel Strainer	Ashok Leyland Genuine	1 Set		
10	Clean Air Filter and renew Air Filter oil	As per manufacturer recommended standards	1 No		
11	Renew and replace Steering Gear Box oil	Gulf Super fleet dura 90 EP	1.5 L		
12	Top up Gear Box oil	Gulf Super fleet dura 90 EP	2.5 L		
13	Dismantle and renew - Front and Rear axles Hub with greasing and all consumables	Gulf Crown Max RRS or Servo Gem ALT	4 Sets		
14	Renew and replace AXLE PACKING	Ashok Leyland Genuine	4 Sets		
15	Set right driver door lock stopper operation by correcting base.	Ashok Leyland Genuine	4 Sets		
16	Renew and replace THRUST PAD WASHER	Ashok Leyland Genuine	4 Sets		
17	Check up and adjust full throttle operation	As per manufacturer recommended standards	1 Job	0	

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18	Check up and adjust stop cable.	As per manufacturer recommended standards	1 Job	0	
19	Blow clean all wheels and polish brake liners and adjust all brakes.	As per manufacturer recommended standards	1 Job	0	
20	Clean and adjust wheel bearings.	As per manufacturer recommended standards	1 Job	0	0
21	Check and top up differential oil level	As per manufacturer recommended standards	1 Job		
22	Check up UJ cross adjust if necessary	As per manufacturer recommended standards	1 Job		
23	Check up all spring bushes and shackles	As per manufacturer recommended standards	1 Job		
24	Ajust all pedal and cable free plays	As per manufacturer recommended standards	1 Job	0	
25	Carry out lubrication with Grease and adjust free plays for following points:- Clutch Pedal, Brake Pedal, Relay shaft & Ball joints (Clutch Withdrawal), Clutch with drawal sleeve & liner, Center bearing Joint, Propeller shaft UJ Cross, Splines, Inter axle propeller shaft UJ Cross, Drag Link, Track rod and King pin, Water pump	Gulf MP Grease Max NLGI1/Servo grease ALT	2 kg		

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26	Top up king pin oil	As per manufacturer recommended standards	1 Job		
27	Adjust all valve tappets, carry out tuning of engine	As per manufacturer recommended standards	1 Job		
28	Tie rod end play setting, Wheel alignment checking	As per manufacturer recommended standards	1 Job	0	
29	Tighten all body bolts and platform bolts	As per manufacturer recommended standards	1 Job	0	
30	Check all lights, set right all lights to working condition	As per manufacturer recommended standards	1 Job		
31	Check and certify speed governor operation after overhauling	As per RTO Norms	1 Job		
32	Set right working of all gauges in instrument cluster	Ashok Leyland Genuine	2 Nos		
33	Fit Roots Megasonic Horn 24 V, with proper wiring insulations and routing	ARAI approved	1 Job		
34	Replace combination switch front steering wheel	Ashok Leyland Genuine	1 Job		
35	Complete overhauling of Starter Motor	As per manufacturer recommended standards	1 Job		

<b>Body Jobs</b>					
<b>Sr No</b>	<b>ITEM</b>	<b>SPECIFICATION</b>	<b>Qty</b>	<b>Spare Part Cost (Inc: Taxes)</b>	<b>LABOUR (Inc: taxes)</b>
36	Remove away 40x40 square section support in under body panel, Reweld with fresh piece, apply anti rust paint	As per RTO Norms	1 job		
37	Strip away 2.5 mm side panel sheet for the three side structural members above the passenger door, Replace the wooden base, Refix new panel members with 2.5mm top panel sheet	As per RTO Norms	1 job		
38	Removing tar sheet fixed on the vehicles, scrubbing off rust, applying anti rust paint and reapplying tar sheet	As per RTO Norms			
39	Fix angle iron supports on body panel members - 25mm L Shaped 2 meters	As per RTO Norms	1 job		
40	Remove luggage rack on left side of vehicle	As per RTO Norms			
41	Set right driver door lock stopper operation by correcting base.	As per RTO Norms	1 Job		
42	Set right passenger door stopper by adjusting base mounting screws by welding into body panel members	As per RTO Norms	1 Job		

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43	Make and fix guide rods for driver shutter	As per RTO Norms	1 Job		
44	Replace base plate of shutters Driver Side 1 <sup>st</sup> , 3 <sup>rd</sup> Conductor Side 3 <sup>rd</sup> , 5 <sup>th</sup> , 6 <sup>th</sup>	As per RTO Norms	1 Job		
45	Replace side glass beading, with existing glass	LAMINATED GLASS IS: 2553 standard	3 sq Ft		
46	Replace rear view mirrors	6"X16" Complete with brackets for mounting on body by replacing existing Mirrors (AIS 001 & AIS 002 compliant)	2 Nos		
47	Supplying and renewing rexin on seat rest and back rest <b>Back rest</b> - 2 <sup>nd</sup> , 3 <sup>rd</sup> , 6 <sup>th</sup> & 10 <sup>th</sup> seats on right side , 2 <sup>nd</sup> , 4 <sup>th</sup> , 7 <sup>th</sup> & 10 <sup>th</sup> seats on left side <b>Seat Rest</b> - left side 10 <sup>th</sup> seat	Blue colour ARAI approved make 11sq meter	1 job		
48	Clear out cracks on vehicle surface with putty, sand the surface and touch and polish vehicle complete with allkyd paint, painting passenger platform, underbody and wheel disc	As per RTO Norms	1 Job	0	

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Sr No	ITEM	SPECIFICATION	Qty	Spare Part Cost (Inc: Taxes)	LABOUR (Inc: taxes)
49	Supplying Alkyd base paint - Golden Yellow Colour inclusive of all consumables	ASIAN/NEROLAC/BERGER/PP G	2 Liters		
50	Under Body Paint - Black/Brown inclusive of all consumables	ASIAN/NEROLAC/BERGER/PP G	2 Liters		
51	Brown Enamel inclusive of all consumables	ASPA/PPG/NEROLAC/BERGER	2 Liters		
52	Art work and stickering of emergency numbers alone	As per RTO Norms	1 Job		
		<b>Total Cost in Rs</b>		<b>0</b>	<b>0</b>

Spare  
Part  
Cost (Inc:  
Taxes)      LABOUR  
(Inc:  
taxes)

Signature and seal of firm