



ANDHRA PRADESH STATE ROAD TRANSPORT CORPORATION

MECHANICAL ENGINEERING DEPARTMENT

RTC HOUSEVIJAYAWADA – 520013.

No.TL5/843(1)/2021-MED.

Date :12.10.2021

CIRCULAR No. 10/2021-MED, Dt :12.10.2021

Sub: **VEHICLES**: Face lifting of Pallevelugu/City Ordinary buses at Zonal Work Shops and Depots for better appearance– Instructions issued– Reg.

Ref:1) **Circular No.17/2012-MED, Dt: 17.07.2012.**

2) **Circular No.26/2012-MED, Dt: 31.12.2012.**

3) **Circular No.19/2015-MED, Dt: 27.11.2015.**

4) **Lr.No.TL8/843(8)/2018-MED, Dt: 01.08.2018.**

The Corporation is holding a fleet of 9104 RTC buses major share of which are Pallevelugu buses (4195 to an extent of 46%). In view of this, the image of the Corporation depends on these Pallevelugu buses in respect of their appearance, good condition and maintenance thereof. These Pallevelugu buses are operating mostly in rural areas and contributing huge losses to the Corporation. The Corporation is insisting to follow circular instructions to ensure better upkeep of the buses.

During the recent inspection of Depots, it is observed that most of the Pallevelugu buses are in shabby condition and operating with dents and scratches on the exterior panels, top corner dooms, front/ rear portions etc. Further, the painting on some buses is peeled off and is in faded condition.

During the Audio conference conducted by the undersigned, with all the Executive Directors and Regional Managers on 24.09.2021, it was decided to take up face lifting of Pallevelugu Buses and MED has been instructed to issue detailed guidelines to take up the repairs to Pallevelugu Buses on top priority.

Earlier, a decision was taken in the month of June'21 for attention of FC vehicles as pilot project at Zonal Work Shops (ZWSs) duly attending all the body related deficiencies and synchronizing with FC renewal works by supplying the required materials through Zonal Stores. The ZWS/NLR started the body upkeep attention duly synchronizing the FC renewal for the vehicles. So far, they have completed 15 vehicles consisting of Pallevelugu, Express & Ultra Deluxe buses. Out of these 15 buses, 11 buses were attended by APSRTC employees and remaining 4 buses through outsourcing agency. The expenditure details of the 15 vehicles attended at ZWS/NLR are furnished at **Annexure-I**.

The details of vehicles attended at ZWS/NLR was summarized and presented to the undersigned on 27.09.2021. During the review, a decision was taken to take up face lifting of 1285 Pallevelugu buses in the range of 9.0 to 12.0 L.kms and 100 City Ordinary buses out of 236 in the range of 11.0 to 13.0 L.kms in the first phase during this financial year 2021-22. Out of 1385 buses, it is proposed to attend to 600 buses at ZWSs level synchronizing with FC renewal and remaining 785 buses at Depot level. The body repairs beyond 12.0 L.kms for PVG and 13.0 L.kms for City Ordinary buses shall not be taken up under any circumstances. Further, replacements to such buses shall be proposed for allotment through PHBs only. The details of PVG and City Ordinary buses proposed attention are furnished at **Annexure – II**.

In view of the critical financial position of Corporation, it is necessary to complete the task with minimum cost and by utilizing all serviceable materials to the maximum extent to restrict the cost repairs to the lowest extent. It was also discussed during virtual meeting conducted by ED(E) with all Zonal EDs & RMs on 28-09-2021 to explain the need for attention of Pallevelugu/ City Ordinary buses and to formulate the guidelines for carrying out the identified works both at Depots and ZWSs so as to offer a good-looking bus to the commuters.

The list of repair works to be taken up at ZWS level and Depot level to keep the repair costs as low as possible are listed at **Annexure – III(A&B)**.

Therefore, all the Zonal EDs are requested to identify the Pallevelugu/City ordinary fleet in their Zones/Regions and plan the program for drafting of Pallevelugu/City Ordinary vehicles preferably which are in the mileage ranges as specified above and start the work immediately @ 25 buses per month per Zone duly synchronizing the F.C renewal for the next 6 months at respective Zonal Workshops and sundry repairs at Depots, with a view to complete all 1385 buses by 31st March'2022.

The Executive Director(Zones) shall ensure the availability of material through Zonal Stores duly obtaining the funds from Head office well in advance. The progress of work in this regard shall be submitted fortnightly to Head Office.

The Executive Director (E) shall review the progress of Face-lifting of Pallevelugu/City ordinary vehicles regularly and see that the Pallevelugu/City ordinary buses are maintained in good condition at all times.


VICE-CHAIRMAN & MANAGING DIRECTOR

Copy to: ED(A), ED(O) , FA&CAO for information.

Copy to: All RMs, DyCMEs/DVMs, WMs, COSs and DyCAOs(zone) for necessary action.

Copy to: Depot Managers & Garage In-charges for necessary action.

Copy to: OSD to VC&MD for information.

Annexure - I

The expenditure details of the 15 vehicles attended at ZWS/NLR											
SI. NO	DEP OT	Bus NO	Date of commission	Mileage Aug-2021	Type	No of Days	Material Cost in Rs.	FC Kit Cost in Rs.	Labour Cost in Rs.	Total Amount in Rs.	Attend ed by
1	VKD	26Z0383	22-08-2017	581627	EXP	9	35,595	32,687		68,282	RTC Staff
2	KVL	26Z0258	15-09-2016	584227	EXP	8	45,887	35,048		80,935	
3	KVL	26Z0259	15-09-2016	679259	EXP	7	34,741	32,687		67,428	
4	KVL	26Z0260	15-09-2016	679876	EXP	7	51,964	35,048		87,012	
5	KVL	26Z0249	30-08-2016	734679	EXP	4	27,000	32,687		59,687	
6	UDGR	26Z0233	17-08-2016	743416	EXP	9	26,057	32,687		58,744	
7	RPR	26Z0277	30-10-2016	754236	EXP	9	42,175	35,048		77,223	
8	UDGR	26Z0261	20-09-2016	765007	EXP	8	49,684	35,048		84,732	
9	KVL	26Z0241	29-08-2016	769605	EXP	10	36,251	32,687		68,938	
10	UDGR	26Z0248	02-09-2016	792164	EXP	8	37,139	32,687		69,826	
11	GDR	03Z0156	04-10-2016	953193	EXP	6	56,924	35,048		91,972	
Average F.C. attention cost :				6,69,774		8	40,311	33,760		74,071	
12	KNG	27Z0337	06-06-2017	797841	UDLX	12	68,113	35,048	32,660	1,35,821	O/S agency
13	ATKR	26Z0011	18-09-2011	1216674	PVG	10	79,117	32,687	38,400	1,50,204	
14	NLR-2	26Z0136	04-09-2012	1236828	PVG	11	55,996	32,687	42,520	1,31,203	
15	GDR	26Z0022	18-09-2011	1441913	EXP	13	59,180	35,048	35,260	1,29,488	
Average F.C. attention cost :				11,73,314		12	65,602	33,868	37,210	1,36,679	

Observations

- a) Average mileage of Pallevelugu Buses taken for F.C. at ZWS/NLR :12.26 Lakh Kms.
b) Average mileage of Express Buses taken for F.C. at ZWS/NLR : 6.70 Lakh Kms.
c) Average material cost of Express bus :Rs. 74,071/-.
d) Average material cost of Pallevelugu bus :Rs.1,00,244/-
(excluding the cost of FC kit & FC brake units).


AME (CRB)


By AME (CRB)


Annexure -II

The details of Region wise PVG and C.Ord buses

Region Wise PVG Buses within 9 to 12 Lakh Kms				
Region	09--10	10--11	11--12	Total
NLR	7	26	36	69
OGL	4	24	59	87
CTR	15	43	70	128
KDP	7	12	44	63
KRNL	23	40	67	130
ATP	10	27	73	110
GNT	27	86	96	209
KRI	8	23	14	45
WG	22	36	73	131
EG	12	22	66	100
VSP	18	29	17	64
NECR	24	63	62	149
Total	177	431	677	1285

Region Wise City Ord Buses within 11 to 13 Lakh Kms			
Region	11--12	12-13	Total
KRI(HSD)	4	24	28
KRI(CNG)	66	19	85
VSP	72	51	123
Total	142	94	236


Amel


Dry CNG/CNG

FC Works to be attended at Zonal Work Shop level:

A. Coach Works :

1. Check all cab mounting bolts and body U clamp bolts.
2. Attention of passenger entrance door, driver door, emergency door and peep window.
3. Attention of pedal flooring area in the cabin.
4. Attention of bonnet seating and replacement of sealing rubber beading & clips.
5. Replacement of broken / cracked window glass/ windscreen glass.
6. Attention of loose glasses with rattling and change Terene felt/flock channel for window shutters. Attention of loose window mainframes and replace damaged EPDM rubber beading.
7. Attention to dented damaged exterior/interior panels, damaged flooring
8. Driver seat operation to be checked and attended.
9. Fastening of all floor bolts, seat mounting bolts and replace loose rivets.
10. Attention to damaged pillars, cleats etc.
11. Front cowl and rear panels repairs /replacement.
12. Repairs/replacement of Front and rear top corner domes.
13. Attention of Roof leakages if any.
14. Destination board box repairs.
15. Replacement of EPDM rubber if required.
16. Replacement of shutter knobs, finger pulls.
17. Replacement of damaged Guard rails & Rub rails.

B. Seats/Upholstery:

1. Seat frames have to be checked and attended in case of cracks and breakages.
2. Replace rexine for all seat bottoms & back rests.
3. Replace the damaged seat cushions.
4. One spare seat set to be kept ready to avoid delay in attention.

C. Electrical:

1. Loose wiring to be corrected and replace with new if required.
2. Check and replace all the Switches, Switch boards if required.
3. Ensure condition of Fuse box and provision of fuses with correct rating.
4. Ensure proper earthing at all specified locations.
5. All LED lights, signals, wiper and horn to be kept in working condition.
6. Ensure the Battery Cut off switch and for its function.

D. Painting:

1. Full Spray painting shall be carried out for interior and exteriors duly applying primer/ undercoat.
2. Depot monogram and APSRTC monogram to be fixed.
3. Slogans to be stenciled/ stickered inside the bus
4. Retro reflective tapes to be replaced if required.
5. Zebra plates to be ensured at the rear.



AME(CBS)


D/CM/CSB

Minimum body works(Sundry repairs) at Depot level:

1. Front cowls, grill and bumper attention.
2. Window shutter frames attention including flock channel/terrene felt and replacement of missing shutter glasses & top fixed glasses.
3. Replacement of front wind screen glasses and rear saloon glasses if required.
4. Rub rail, rub-rail beading and window guard rail attention/replacement.
5. Attention for rear corner domes, rear bumper and ladder.
6. Replacement of head lights, signal lights, parking lights and interior saloon lights including destination board lights.
7. Attention for driver door and emergency door and its locking mechanism.
8. Bonnet and dash board attention.
9. Foot board and passenger doors attention.
10. Roof leakage attention including provision of weather shield strip.
11. Replacement of rear-view mirrors, if required.
12. Attention of all assist rails.
13. Attention for seat frames and replacement of Rexene for seat bottoms and backs.
14. Interior and exterior complete painting.


AMES (CSB)


D/SR/12 (CSB)


D/SR/12


(CSB)