

WEST MIDLANDS FIRE SERVICE AND RESCUE AUTHORITY

19 FEBRUARY 2018

1. PROPOSED VEHICLE REPLACEMENT PROGRAMME 2018/19 to 2020/21

Report of the Chief Fire Officer

RECOMMENDED

- 1.1 THAT the Authority note the proposed Brigade Vehicle Replacement Programme (VRP) for the financial years 2018/19 to 2020/21, the detail of which is set out in the main body of the report. Appendices 1, 2 and 3 identify the projected capital costs and the years in which the vehicles are estimated to be delivered.
- 1.2 THAT the Authority approve the funding for 2018/19.
- 1.3 THAT the Authority note that it is intended to procure a range of vehicles identified in the VRP using the Crown Commercial Services Purchase Framework Agreement RM859, Open EU tenders and other approved Consortia routes that represent value for money to the Authority.

2. PURPOSE OF REPORT

This report is submitted to seek the Authority's approval to proceed with the proposed Brigade VRP for the financial year 2018/19, in line with the above recommendations.

3. BACKGROUND

- 3.1 Officers based at Transport Engineering Workshops (TEW) using their professional skills and judgements have carried out a review of the ongoing VRP.

3.2 The following age profile and review periods were used to determine the type and number of vehicles in the fleet recommended during the financial period 2018/19:-

Vehicle	Replacement (Years)
Pump Rescue Ladders	13
Brigade Response Vehicle	10
Hydraulic Platform	15
Prime Movers	20
Demountable Units	20
Large Vans Mercedes/Transit/Iveco	9
Large Vans/Minibus	9
PCV/PMB/G vehicles	9
Cars/Vans	7
Hybrid (Petrol/Electric) cars	7
Bobcat	15
General Purpose Lorry	15

	Review Period (Years)
Coach	12
Driver Training Lorry	15
Trailers/Fuel Bowser	15
Command Support Vehicles	12
Motorbike	Review

3.3 Operational Fire Appliances (PRLs/BRVs)

In relation to operational fire appliances, the service currently has an operational fleet of 81 appliances as follows:

- 41 Pump Rescue Ladder Vehicles (PRLs) frontline
- 8 PRL reserve
- 10 PRL training
- 19 Brigade Response Vehicles (BRVs) frontline
- 3 BRV reserve

As stated in paragraph 3.2, PRLs have a proposed replacement life of 13 years (10 years' frontline, 3 years' reserve fleet) and BRVs currently have a proposed replacement life of 10 years.

- 3.4 To achieve a fleet replacement of the operational appliances within current budget constraints there will be a requirement to replace 5 PRLs in 2018/19, 5 PRLs in 2019/20 and 6 PRLs together with 3 BRVs in 2020/21.
- 3.5 Due to the expanding range of services provided by West Midlands Fire Service and the way those services are delivered, consideration will be given over the next 12 months to the type and range of vehicles required to most effectively meet these demands. Any potential partnership arrangements that would support the appropriate acquisition of vehicles would also be considered.
- 3.6 The replacement of vehicles within the scope of this report will all be current with the latest vehicle technology on emissions which is currently Euro 6. Environmental standards applicable for city usage both now and future will also be considered on light vehicle applications and Petrol/ Electric technology and full electric vehicles. This issue has increasing relevance with the Government's drive across the UK to tackle air pollution in urban areas and the expanding number of 'Clean Air Zones' which have been identified, one of which is Birmingham.

3.7 Aerial Appliances

Currently the aerial appliance fleet stands at a total of 5, 4 frontline and 1 reserve, none of which require replacement within the next three years

3.8 Brigade Support Vehicles (BSV's)

Currently there are 3 BSV's in the fleet, one of which is provided by an external company. The two Fire Authority owned BSV's are due for replacement within the next three years. The type and number of BSV's will be reviewed as part of this proposed Replacement Programme.

3.9 Ancillary Vehicles

The ancillary fleet of vehicles currently stands at 116 vehicles (cars/vans/motorbike 99, Hydraulic Platforms 5, Prime Movers 6, Bobcat 1, Coach 1, Recovery Vehicle 1, Lorry 2, Detection Identification Monitoring vehicle 1) and 21 specialised trailers.

- 3.10 Following a full review of the ancillary vehicles during 2017/18, Appendices 1, 2 and 3 show the vehicles that fall due for replacement within the next 3 years. Pending the outcome of a feasibility study into sharing Station vans between more than one location, 24 Station vans due for replacement in 2016/17 and 2017/18 have been deferred to 2018/19 and 2019/20.
- 3.11 The option of leasing vehicles has and will continue to be explored. When compared with the current method of procuring vehicles via the current framework agreement the whole life costs of leasing are found to be more expensive.

4. EQUALITY IMPACT ASSESSMENT

- 4.1 An initial Equality Impact Assessment has been carried out and a Full Impact Assessment is not required and has not been carried out. The matters contained in this report do not relate to a policy change
- 4.2 The tender and evaluation process will encompass equality and diversity issues in relation to requirements of the companies invited to tender.

5. LEGAL IMPLICATIONS

The course of action recommended in this report does not raise issues which should be drawn to the attention of the Authority's Monitoring Officer.

6. **FINANCIAL IMPLICATIONS**

6.1 The estimated cost of the proposed VRP is as follows:

	£'000
2018/19	3,705
2019/20	1,883
2020/21	2,512

6.2 Funding provision will be required in the three year capital programme to meet this expenditure as part of the Authority's budget setting process.

BACKGROUND PAPERS

VRP Review 2018/19 to 2020/21 Documentation – TEW files

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P LOACH
CHIEF FIRE OFFICER

APPENDIX 1

<u>2018/19</u>		<u>Estimated Replacement Value</u>
		£'000
PRLs	x 5 @ £251.9k	1,260
CSV 106	Command Support Vehicle	500
D-FD361	Foam Distribution Unit	70
D-FD363	Foam Distribution Unit	70
MRV 281	Workshops Service Van	55
Van 162	Warehouse and Distribution	40
TLR 343Z	Wednesbury Tech Rescue Boat Trailer	10
TLR 346Z	Bickenhill Technical Rescue Boat Trailer	10
TLR 347Z	Bickenhill Technical Rescue Boat Trailer	10
<u>Prior Years Slippage</u>		
PRLs	x 5 @ £244.8k	1,224
Van ND4	DIM Vehicle	80
POD317	Welfare Pod	60
MPV 141	Business Support Vehicle	40
PCV 254	Driver Training Minibus	38
Car 147	Pool Car	23
Car 148	Pool Car	23
Van 172	Billesley	16
Van 173	Coventry	16
Van 175	Kings Norton	16
Van 176	Binley	16
Van 179	Oldbury	16
Van 180	Equipment Maintenance Services	16
Van 181	Wednesbury	16
Van 186	Bloxwich	16
Van 193	Bournbrook	16
Van 196	Tipton	16
Van 197	Ward End	16
Van 198	Woodgate Valley	16
Estimated Total		3,705

APPENDIX 2

2019/20

Estimated Replacement Value

£'000

PRLs	x 5 @ £259.2k	1,296
PMB/G 258	Wednesbury Technical Rescue	80
VAN 350	Hydrant Technician	55
D-WSU343	Water Support Unit	50
MRV283	TEW Service Van	50
TRL230	Road Show trailer	40
Car 135	Emergency Response	25
Car 136	Driver Training	25
TLR 356	Community Safety	20
TRL 357	Community Safety	20
TRL 358	Community Safety	20
TRL 270	Water Rescue Instructors	10

Prior Years Slippage

Van 177	Erdington	16
Van 178	Brierley Hill	16
Van 182	Aston	16
Van 183	Dudley	16
Van 190	Fallings Park	16
Van 191	Foleshill	16
Van 210	West Bromwich	16
Van 211	Northfield	16
Van 213	Highgate	16
Van 214	Wolverhampton	16
Van 217	Tettenhall	16
Van 218	Smethwick	16

Estimated Total

1,883

APPENDIX 3

2020/21

Estimated Replacement Value

		£'000
PRLs	x 6 @ £270k	1,620
BRV149	Brigade Response Vehicle	100
BRV150	Brigade Response Vehicle	100
BRV151	Brigade Response Vehicle	100
PMB 250	Youth Services	60
PMB 251	Youth Services	60
BSV143	Business Support Vehicle	45
PMB/G 240	Handsworth	44
PMB/G 241	Solihull	44
PMB/G 242	Canley	44
PMB/G 243	Sheldon	44
PMB/G 244	Driver Training	44
PMB/G 245	UKFSSART	44
PMB/G 246	Road Casualty Reduction Team	44
Van 167	Command Development Centre	44
Car 132	CFO Pool	25
Car 133	CFO Pool	25
MPV207	Fire Research Investigation	25
Estimated Total		2,512