

TENDERER'S NAME:		Page 1 of 3
TENDER NO:		APPENDIX II
DESCRIPTION: WORKSHOP TOOLS AND EQUIPMENT		

AUTO - ELECTRICIANS STANDARD TOOL KIT

CONTENT IN MILLIMETERS UNLESS SPECIFIED OTHERWISE

1. **One set of Double Ended Ring Spanners, deep offset, DIN838, ISO10104:**
-Chrome plated, Chrome Vanadium Steel, heat treated and hardened. Fully Polished & satin finish rings, both sides stamped with sizes.
 - (i) 6 x 7 (vi) 16x17
 - (ii) 8 x 9 (vii) 18x19
 - (iii) 10 x11 (viii) 20x22
 - (iv) 12 x13
 - (v) 14 x 15

2. **One set of Double Open Ended Spanners, DIN3110:** *-Chrome plated, Chrome Vanadium Steel, heat treated and hardened. Fully Polished & satin finish, both sides stamped with sizes.*
 - (i) 6x7 (vi) 16x17
 - (ii) 8x9 (vii) 18x19
 - (iii) 10x11 (viii) 20x22
 - (iv) 12x13
 - (v) 14x15

3. **One Screw Driver & Nutdriver Set (24pc)** – *Non slip grip handle, blade through handle, chrome vanadium; Slotted (flat) 4*30, 6*30, 2.5*75, 3.2*75, 4*100, 5*100, 5*150, 6*100, 6*150, 8*200, 9*250mm DIN 5265; Phillips #0*75, #1*75, #2*38, #2*100, #3*150mm DIN ISO 8764; Pozì #2*100, DIN ISO 8764; Nut drivers 5, 6, 7, 9, 10mm DIN 3125, ISO 2725, cross point extra short 6*30mm*
4. **Standard tip screw holding screw driver – approx 4*125mm**
5. **Cross point screw holding screw driver – approx 5*150mm**
6. One pair of combination (Standard) pliers Approx 200mm - *chrome vanadium, Insulated Non-slip grip handle DIN ISO 5746/44, UNI 9894.*
7. Extra Long Needle Knurled Nose Pliers Approx 160mm - *chrome vanadium, Insulated Non-slip grip handle, DIN ISO 5745/44, UNI 7926.*
8. Extra Long Needle Knurled Nose Pliers Approx 160mm - *chrome vanadium, Insulated Non-slip grip handle, DIN ISO 5745/44, UNI 7926.*

Tenderer's Signature_____

Date:_____

Official Stamp_____

TENDERER'S NAME:		Page 2 of 3
TENDER NO:		APPENDIX II
DESCRIPTION: WORKSHOP TOOLS AND EQUIPMENT		

9. Extra Long Bent Needle Knurled Nose Pliers *Approx 160mm-chrome vanadium, Insulated Non-slip grip handle, UNI 7926.*
10. Water Pump Pliers (One Pair), 5 Jaw Positions, Approx length = 240mm, *chrome plated, Non slip grip handle DIN ISO 8976*
11. Locking fold-away pocket knife (Approx 100mm closed length) – *High quality stainless steel blade and aluminium alloy handle with rubber grip.*
12. One Pair Circlip Pliers, Inner Straight - *chrome vanadium, non-slip grip handle, approx 180mm long, 1.8 mm tip. DIN 5256*
13. One Pair Circlip Pliers, Inner Curved - *chrome vanadium, non-slip grip handle, approx 180mm long, 1.8 mm tip. DIN 5254*
14. One Pair Circlip Pliers, Outer Straight- *chrome vanadium, spring loaded non-slip grip handle, approx 180mm long, 1.8 mm tip. DIN 5254*
15. One Pair Circlip Pliers, Outer Curved - *chrome vanadium, spring loaded non-slip grip handle, approx 180mm long, 1.8 mm tip. DIN 5254*
16. Adjustable Spanner 200mm (Standard) - *Polished head, chrome plated, chrome vanadium DIN 3117 B, ISO 6787*
17. Set (13pc) Offset Hexagonal Allen Keys DIN 911, ISO 2936 – *Chrome vanadium steel, 13 short-arm metric sizes (1.5,2,2.5,3,3.5,4,4.5,6,7,8,9,10mm), supplied in a pouch.*
18. One 2 Pound Ball Pein Hammer - *drop-forged steel head BS 876*
19. One 12" blade Hack Saw Frame – *Chrome plated steel, light alloy handle and HSS Blade*
20. One Set Engineer's File Set (5pc) (*2nd cut Flat/hand, half-round, Round, 3-square/triangular, Square Files*) *Approx 200mm long with plastic handles – Supplied in a pouch.*
21. Plastic Hammer 35mm diameter – *Replaceable Cellulose acetate faces.*
22. One Pair Universal Grip Pliers – *Drop forged chrome vanadium steel jaws. Approx 200mm*
23. Spark Plug Spanner (long reach) c/w swivel headed tommy bar 300mm long – *chrome plated (10mm = 16mm euro)*
24. Spark Plug Spanner (long reach) c/w swivel headed tommy bar 300mm long – *chrome plated (14mm = 21mm euro)*
25. Wire Brush – *wooden stocked brush with steel fill. Approx 130 (fill length)/260mm (overall length)*
26. Set Feeler Gauge (Metric) 20 Blades – *75*13mm blades dual marked in metric and imperial*
27. Two ribbed Flat Chisels 125-200mm
28. One Centre Punch – *120 * 4 mm DIN 7250 lacquered, octagonal shape*
29. One Set (6pc) Parallel Pin Punch supplied in a pouch– *2,3,4,5,6,8 mm * approx 150mm. Pin length approx 50mm. DIN 6450*
30. One Set Fillet Files – *10pc set approx 140mm length (flat parallel, flat taper, half round, three square, square, round, knife, crossing) DIN7283/ISO R234*

Tenderer's Signature_____

Date:_____

Official Stamp_____

TENDERER'S NAME:		Page 3 of 3
TENDER NO:		APPENDIX II
DESCRIPTION: WORKSHOP TOOLS AND EQUIPMENT		

31. Side Cutter 160mm for Medium Hard Wire – *DIN/ISO 5744/49*
32. Telephone engineer's scissors, straight short blades (one smooth and one knurled with wire cutter) – *Approx 150mm long, chrome plated, PVC coated handles*
33. Cable cutter (approx 160mm) for stripping and cutting insulated copper and aluminium cables up to 14mm diameter (50mm²) – *Chrome plated, insulated handles UNI 8791*
34. Wire stripping pliers with adjusting screw & V-shaped cutters – *Chrome plated, insulated handles UNI 8791*
35. Thread File (In Millimeters) – *220mm Double ended c/w reversible vinyl grip. 3pc set (0.75, 1.0, 1.25, 1.5, 1.75, 2.0, 3.0 mm pitch)*
36. Crimping Tool Insulated/Non-Insulated Terminals – *3mm steel construction with safety insulated handgrips.*
 - *Crimps insulated terminals from 0.5 to 6mm²*
 - *Crimps non-insulated terminals from 1.5 to 6mm²*
 - *Crops threaded terminals*
 - *Strips wires from 0.75mm to 6mm²*
 - *Wire cutter*
37. 200pc pack assorted solder less terminal set – *Insulated connectors suitable for automotive use with above crimping pliers.*
38. 4*50pc packs of cable ties – *Approx 150mm*2.4mm*
39. Tape Measure 3M (Self retracting metal case) – *Strong tape blades with clearly marked metric and imperial graduations. Chrome finished composite case with belt clip.*
40. Mains testing neon screw driver 100-500V
41. Set (6pc) Precision Crosspoint (Phillips) Screwdriver - *#0.4, #0.3, #0.2, #0, #1.2, #1.1. Nickel Chrome Molybdenum alloy steel blades with swivel caps and textured body. Supplied in carry case.*
42. Set (6pc) Precision Slotted (Flat) Screwdriver - *.4, 1.0, 1.4, 2.0, 2.4, 3.0, 3.8mm. Nickel Chrome Molybdenum alloy steel blades with swivel caps and textured body. Supplied in carry case.*
43. Circuit tester with Test Light 6-24V – *Suitable for 6-24 V circuits. Knurled brass body with test light. Has insulated pointed tip to test through wire insulation. Supplied with 3metre and insulated crocodile earth clamp. LED array to indicate polarity and voltage range Mandatory.*
44. Suitable Hard Shell Case or 4 tray & central tool storage area Cantilever toolbox with painted metal finish to fit all above tools.

Tenderer's Signature_____

Date:_____

Official Stamp_____