

WEST YORKSHIRE FIRE & RESCUE SERVICE

JOB DESCRIPTION

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| POST TITLE: | Electronics Technician |
| GRADE: | ■ |
| RESPONSIBLE TO: | Electronics & Technical Supervisor |
| RESPONSIBLE FOR: | |
| PURPOSE OF POST: | To assist in the provision of the repair maintenance and service for Communications Systems, Networks, Audio & Visual, Electronic & Electrical equipment used within the fire service. |

MAIN DUTIES AND RESPONSIBILITIES

1. To maintain and repair electrical/electronic equipment, e.g. PMR, Mobile Data, Airwave Terminals, Audio Visual, Intrinsically Safe apparatus and Computer Monitors.
2. Work and communicate with partner contractors such as Telent and Airwaves exchanging complex information and data.
3. To modify *Communications* equipment to encompass developments of existing or new equipment as used by the Authority.
4. To participate in the standby system, on call up to a maximum of 2 weeks in 4.
5. To respond to notified breakdowns, on site in order to restore equipment to full operational order as soon as possible.
6. Analyse and interpret complex fault information of high availability critical communications systems
7. To repair equipment returned as unserviceable within the section workshop where high demands for precision are required.
8. Complete appropriate documentation for equipment to be forwarded / returned to manufacture or partnership contractors ie Telent, Airwaves, Motorola etc.
9. To carry out repairs to in-house test equipment.
10. To carry out routine maintenance of equipment at Fire Service locations.
11. To carry out installation or removal of electrical/electronic equipment e.g. PMR equipment (private mobile radio), WAN/LAN networks (wide area networks, local area networks), video equipment, fixed or mobile, etc. This may involve working in confined and/or awkward locations ie vehicles and equipment rooms
12. To manufacture test equipment for use in workshop helping meet the technical Sections requirements.
13. To develop and modify circuits and equipment to obtain compatibility between new and existing equipment.
14. To assist in the installation and maintenance of local area networks and wide area networks at Fire Station locations.

15. To program programmable read only memory (PROM) devices as required by the Authority.
16. To attend incidents as required by the MACC (Mobilisation Control and Command) operational requirement at the command unit, in order to maintain communication equipment and establish communication if required.
17. To progress and implement the Authority's Equal Opportunity policy.
18. To provide first line maintenance for the Airwave Radio system, Integrated Command and Control System and Mobile data devices.
19. Supervise contractors, work placements and apprentices as required

PERSON SPECIFICATION

| | Experience | Essential/ Desirable | Source |
|---|--|-------------------------|---------------------------|
| 1 | Considerable experience working with electrical/electronic equipment including radio, computers and telecommunication equipment. | Essential | Application/ Interview |
| 2 | Experience working with computer networks both LAN and WAN. | Essential | Application/ Interview |
| 3 | Experience of working with high availability systems | Essential | Application/ Interview |

| | Education and Training | Essential/ Desirable | Source |
|---|--|-------------------------|---------------------------|
| 3 | Good standard of education. | Essential | |
| 4 | Appropriate professional qualification in industrial electronics (minimum C & G Electrical & Electronic Servicing 2240 Level 3). | Essential | Application/ Interview |

| | Special Knowledge and Skills | Essential/ Desirable | Source |
|----|--|-------------------------|-----------|
| 5 | Interpersonal and written skills. | Essential | Interview |
| 6 | Hold and maintain a current Driving Licence. | Essential | Interview |
| 7 | Ability to work on own initiative and organise own work load as required. | Essential | Interview |
| 8 | Ability to work under pressure to tight deadlines. | Desirable | Interview |
| 9 | Ability to participate in Standby Scheme. | Essential | Interview |
| 10 | Demonstrate commitment to and understanding of the Equal Opportunities Policy. | Essential | Interview |
| 11 | Demonstrate commitment to and understanding of the Authority's Data Quality Policy | Essential | Interview |

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