

NETWORK M30231

Coursework 2024

POMPFEST: Client Specification

POMPFEST is a festival events management company that has been tasked to manage a local music festival that happens in August. The company is looking for a contractor to deliver a temporary computer network to the site to facilitate all the connectivity requirements for all users of the site during the festival. The actual festival duration is for 3 days. It has a festival capacity of 65, 000 festival goers plus those working on the site per day (2000). There are a number of permanent buildings on the site that do have internet access.

The space that the festival site is on is public space. The expected plan of the site is in Appendix 1. This is a temporary network that needs to be **designed, deployed, maintained and dismantled** after the event.

All market stalls, bars and food outlets will need network access for their own point of sales devices that is secure. Some will require wireless access for key devices such as tablets for marketing etc. All stage areas need network access, both wired and wireless.

A wireless network is required both for the ticket holders (including VIP tickets) and those working on the site.

The site will also have 20 networked information points, in the form of touch screen devices (provided by the client). The physical positions of these on site are not confirmed. There will be 30 Festival Makers who will have handheld devices (provided by the client) with wireless network access.

This is only for the networking element of the system and does not require specialist software for the end users.

This year it is anticipated that entry to the site by festival goers will be via electronic tickets. On entry festival goers will be given a chipped wristband (provided by the client) that is linked to the individual for entry and exit monitoring. This needs to be a fast and efficient process.

All staff working on the site will be using the same method of entry as festival goers.

The space has a number of power and telecommunication cabinets installed across the site, as indicated on the plans (Appendix 1).

Your client who will be considering the tender is not fully IT literate, therefore your tender must be written in such a way that they can understand the content on the pitch.





With so many people on site the mobile phone signal is weak and not reliable therefore there is a requirement for a good local wireless network to mitigate this issue.

Assumptions can be made where the specification is vague. These will need to be explained clearly during the pitch.

Appendix 1



- Blue line: is the perimeter boundary – these are fences
- Red line: section boundaries – these are for planning only, they are not fenced sections
- Yellow line: Is a row of 35 small stalls (see section H)

Section Requirements for this site plan	
Section	Contains
A	1 Small Stage 20 general market stalls 1 food outlet 1 Bar multiple payment points
B	1 Small Stage 1 Band Stand 20 general market stalls 1 food outlet 1 Bar multiple payment points
C	Silent disco
D	1 medium sized Stage 25 general market stalls 1 food outlets 1 large Bar multiple payment points
E	4 small sized Stages 10 general market stalls 1 food court containing 10 small food stalls 1 Bar multiple payment points
F (VIP area)	1 Bar 1 food outlets
G	Main Stage 10 general market stalls 2 large food outlets 1 large Bar multiple payment points
H	35 general market stalls
J	Small Stage 2 small food outlets Chill out zone 20 general market stalls 1 Bar multiple payment points
	First aid tent
	Entrance – electronic tickets
	Electrical Cabinets
	Telecommunication and electrical cabinets