

6 OUTPUT SPECIFICATIONS

6.1 Introduction

- 6.1.1 The output specifications for the project are contained in volumes two (Clinical), three (Design, Construction and Engineering), four (FM) and five (Equipment) of this PITN. Bidders must demonstrate how their proposals meet the requirements of these specifications.
- 6.1.2 This single set of specifications cover all three facilities. Any service specific requirements are covered within the individual specifications. The service standards and minimum requirements are consistent across all the facilities.

6.2 Statement of design principles

- 6.2.1 The Bidders design must meet a number of key design principles that are detailed in the design and construction requirements. In brief, these are:
- The design must fully meet the clinical requirements of the GPHIP, and maximise operational efficiencies.
 - Achieving the critical adjacencies for key services and maximising the advantages gained from the proximity of services.
 - Provide buildings with an identity that is attractive, aesthetically pleasing, versatile, functional, flexible and value for money.
 - Support optimum patient comfort and care, and provide a pleasant environment for visitors and staff.
 - Exploit the synergy of the whole development on the ECH site.
 - Meet the principles of the Better Public Buildings initiative as supported by the Commission for Architecture and the Built Environment (CABE) who are involved in this project.
 - Reflect local heritage and be environmentally sustainable.
- 6.2.2 The Integrated Care Centre development should be considered as a component of the Peterborough City Council's development framework for the city centre. Its location, adjacent to the hospital opportunity area, provides an opportunity to work within a wider urban planning context and link the development to the proposed regeneration plans for the surrounding brown field sites. This may include considering the centre as a focal point for the local community through the provision of facilities to support other activities that relate to or support its core purpose.

6.3 Whole hospital policies

- 6.3.1 The majority of 'whole hospital policy' issues have been incorporated into the output specifications. The remaining policies will be reviewed and revised during the procurement process in line with the design and service development process.

6.4 Clinical specifications

- 6.4.1 The clinical output specifications cover all the operational departments within the Trusts, including corporate areas. They have been developed using a standard format and represent the requirements of service providers and users. Each specification has been approved by the relevant clinical management team and service planning team.
- 6.4.2 A considerable amount of service planning has been undertaken by the Trusts. The specifications encompass the latest guidance and best practice evidence. However, bidders are welcome to suggest alternative ways in which the needs of patients can be met and which provide better operational arrangements and increase operational and design efficiency.

6.5 Non-clinical specifications

- 6.5.1 The non-clinical specifications cover all hard and soft FM services. The standard FM specifications have been amended to reflect project specific issues and to provide greater consistency between the individual specifications.
- 6.5.2 Bidders are not required to follow the way the functional and service divisions are identified in the non-clinical output specifications. The Trusts are keen to receive proposals for the greater integration of non-clinical services, particularly where the work content and staffing requirements have similarities.
- 6.5.3 Some general requirements that were detailed in the individual service specifications have been transferred to the general service specification.
- 6.5.4 Where no standard specification was available, the Trusts have produced new specifications based on the standard format.

6.6 Equipment specifications

- 6.6.1 This section of the PITN describes the Trusts' general requirements for equipment. More details in respect of equipment are provided in volume 5 of the PITN. These conditions do not replace any requirements contained in the Design and Construction specifications and guidance or the non-clinical and clinical output specifications.
- 6.6.2 Project Co will be expected to procure, maintain, install, commission, and replace some or all items of groups 1, 2 and 3 equipment in line with the equipment requirements outlined in Volume 5.
- 6.6.3 The traditional groupings of equipment as defined by the Capital Investment Manual (CIM) (see Table 16) does not fully reflect the requirements of the Trusts.

Table 16 – NHS Equipment Group Definitions

Group	Definition
Group 1	Items that are supplied and fixed under the terms of a building/engineering contract and funded within the works cost. These are generally large items of plant and equipment.
Group 2	Items that have implications in respect of space/ construction/engineering services and are fixed within the terms of a building/engineering contract but are purchased by the Trust under direct arrangements and funded out of a separate equipment budget.
Group 3	Items that have space/construction/engineering implications and are purchased and installed by the Trust.
Group 4	Items that may have storage implications but otherwise have no impact on space or engineering services.

- 6.6.4 The Trusts have developed an Equipment Responsibility Matrix (ERM), which details respective responsibilities for the supply, installation and commissioning, maintenance and replacement of equipment. This will ensure greater clarity of responsibilities. The Trust has adopted a system of categorisation that is different from the CIM groupings above but is considered more appropriate for the project. This is described fully in volume 5.
- 6.6.5 The Trusts will expect to transfer some equipment to the Project Co, in line with the assumptions made in the PSC. The Trusts believe these transfer assumptions are prudent and realistic. The proposed transfers will be discussed with Bidders during the PITN process and the FITN stage survey arrangements agreed with Bidders.
- 6.6.6 The equipment specifications detail the options the Trusts are considering for the provision of the Managed Equipment Service (MES), including a schedule of equipment Bidders will be required to include in their Reference Bid and sample specifications for major items of equipment.

- 6.6.7 The minimum requirements for the MES are listed in the equipment responsibility matrix (Appendix C) as MES1. This includes:
- All major items of medical equipment that have an impact on building design and services, plus other selected items;
 - All furniture and furnishing in public places and waiting rooms; and
 - Beds.
- 6.6.8 Under MES1 the Medical Electronics Department would remain the responsibility of the Peterborough Hospitals Trust and continue to maintain all Trust owned medical equipment.
- 6.6.9 The Trusts would welcome variants to the minimum requirements. MES2 on the equipment responsibility matrix indicates the items the Trust consider desirable to be included in the MES. Depending on the extent of the MES2, part or all of the Medical Electronics Department may be transferred to Project Co under TUPE. Project Co would also be responsible for the maintenance of all Trust owned medical equipment.
- 6.6.10 The PITN submission requirements for the MES are detailed in appendix A. These include:
- Project Co's strategy for the provision of the MES;
 - The extent of any variant bid that may be submitted;
 - How the MES would be funded;
 - How project Co would manage the interface with the investment committee; and
 - Comments of the proposed integration of the MES with the standard payment mechanism.

6.7 ICT specifications

- 6.7.1 The ICT specification only covers the passive network components and the voice network, including all hardware. The provision of telephonists is excluded from the specification.

6.8 Architectural, building and engineering specifications

- 6.8.1 These specifications set out the general performance standards for the design, construction and finish of the developments. They cover both mandatory and advisory standards, but only represent the minimum requirements. Bidders should seek to improve on these standards.
- 6.8.2 The Bidders proposals will be assessed using the NHS Design Quality Evaluation Tool/ Achieving Excellence Design Evaluation Toolkit (AEDET) and the NHS Environmental Assessment Tool (NEAT). Bidders will be required to outline their approach to design development and design philosophy, indication how these will meet the design requirements including AEDET and NEAT.
- 6.8.3 The Project covers both new construction works and the refurbishment of an existing building. The same standards are to be applied to the whole works.