

Equipment Planning, Project Management & Consultancy for Healthcare Consortia

The Challenge

Effective equipping within the clinical or specialist environment is a complex and substantial task, particularly within a new build or refurbishment project.

For a development project to realise its full potential, there are a number of key questions a Project Director may need to answer:

- What equipment is included in the brief?
- What will I be responsible for?
- How much will it cost?
- Who is going to be responsible for procurement, maintenance and replacement?
- How will technology affect the building design?
- How do I ensure all rooms will be fit for purpose?
- Which equipment will be transferred and what will be bought new?
- Will this equipment fit the room?
- What are the design risks?
- Which services or special room requirements are required?
- How am I going to manage the procurement process?
- How will I manage equipment mobilisation?

Addressing these issues at an early stage will greatly benefit project development by enhancing project cost certainty and managing future design/development and mobilisation risks.

Overview

As an independent equipping consultancy, MTS has a unique team of healthcare professionals with the expertise to address the equipping issues often faced by healthcare project teams managing development projects.

Members of this team have been selected on the basis of their broad healthcare experience ranging from Nursing, Clinical Technology, Procurement, Commissioning, Healthcare Industry and Project Management.

It is worth noting that this equipping expertise covers both non-medical and medical equipment thereby ensuring potential "responsibility" and procurement gaps within a project are avoided.

Underpinned by professional project management methodologies (ie Prince2 TM), this expertise forms the foundation upon which our three core services are based:



1. Equipping Consultancy including:

- Asset audits, reviews & assessment
- Interpretation of clinical output specifications, schedule of accommodation to develop generic equipment schedules
- Equipment interface to major equipment suppliers
- Room datasheet management and iteration
- Room design/development
- User group meetings
- Procurement options (ie MES, leasing, traditional procurement)
- Equipment Responsibilities Matrix (ERM)
- Design team audits and reports for specialist areas

2. Procurement Services including:

- Equipment pricing & BOQ development
- Equipment procurement specifications
- Lifecycle costing

3. Operational services including

- Equipment management
- Equipment Mobilisation, transfer and commissioning
- Interim services
- Support option development



The objective will be to address a scope of works ranging from initial generation of generic equipment schedules and analysis of Trust provided equipment data, through to managing all equipping issues throughout the bidding process, interim services and into the post construction service delivery period.

Key to the success of the Group is its demonstrable ability to work collaboratively with all project stakeholders such as architects, health planners and construction teams on two levels, Interaction with the end client via project and user group meetings and the ability to manage key project data via the use of common IT tools such as ADB, Codebook and AutoCAD.

Benefits

The experience gained from engagement in a significant number of projects ranging from traditional procurement through to LIFT, P21 and PFI working both for Trusts and Bidders, places the MTS equipping team at the forefront of the market ensuring that Consortia are in a robust position when developing their preferred bid solution.

Working closely with all project stakeholders, we can assist in ensuring final room design will support clinical function irrespective of responsibility for procurement thereby significantly reducing the Consortia's design risk.

With the application of our expertise in addressing equipping issues, all options can be comprehensively explored ensuring that the final equipping solution is affordable, fully integrated into the design and deliverable for all project stakeholders.

Project Experience:

Derby Healthcare plc

- Carillion Construction (Portsmouth Hospitals NHS Trust)
- Balfour Beatty Construction (Stobhill ACAD)
- Sir Robert McAlpine (Redcar)
- Interserve (SLAM)
- Wates (Tatchbury Mount)
- HBG (Oxford Radcliffe Cardiac)
- Costain (Shires Batch PFI)



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The portfolio of MTS's equipping consultancy services include:

- **Asset Auditing and reporting** – The equipping team has extensive equipment auditing experience capturing medical and non-medical equipment on a equipment database (sql server). This work includes equipment bar-coding, the development of asset condition and replacement assessments, and transfer/mobilisation audits.
- **Equipment scheduling** – The development of comprehensive equipment schedules from clinical output specifications and architectural schedule of accommodation. A key output from this activity is an initial bill of quantities which can be developed into a procurement list later on.
- **Equipment Responsibilities** – The provision of advice regarding the assignment of equipment responsibilities within PFI.
- **Architectural Interface** – Stakeholder support to architects and health planners in developing robust equipment templates, drawings and room datasheets.
- **Equipment Specifications** – The development of generic equipment specifications for room design development and future procurement. These are linked to equipment related component codes.
- **Equipment procurement** – The equipping of hospitals within the UK and internationally. We have undertaken a number of procurement agent roles delivering several multi million pound procurements. This activity covers the development of a procurement bill of quantities and the production of sample catalogues to aid equipment selection.
- **Project Management** – Effective project management integrating equipping activities into the overall project. Using approved project methodologies such as Prince2TM, ensures accountable, effective and efficient delivery of project obligations.
- **Programme Management** – The development of equipment programs that reflect timescales for selecting equipment in accordance with design and construction requirements. MTS has provided significant advice in the interface between equipment and construction management.
- **Equipment Mobilisation, Commissioning and Installation** – Our experienced team will be able to provide the Trust with the benefit of their experiences over recent large commissioning schemes but are also sensitive to the needs of smaller healthcare organisations.