

# DBS Staff Bulletin

## New Hospitals for the South West (NI)

### Contractor Appointed for New Acute Hospital



Health Minister Michael McGimpsey and Trust Chairman Gerard Guckian examine the design of the New Acute Hospital with representatives from the Successful Tenderer, Northern Ireland Health Group. See Page 7 for profile of NIHG.

**Left to Right: Brian Furlong, Project Director, Northern Ireland Health Group, Michael McGimpsey, Health Minister, DHSSPS, Gerard Guckian, Chairman, Western Health & Social Care Trust, Ovidio Bartolomè de Miguel, FCC Construction SA, Stelios Lazopoulos, Allied Irish Bank plc, Bob Marsden, Interserve Investments Ltd, John Houston, Construction JointVenture, FCCelliott.**

On the 18 September, Health Minister, Michael McGimpsey announced the successful tenderer for the New Acute Hospital for the South West. This announcement confirmed the Trust's selection of Northern Ireland Health Group as the Preferred Bidder for the £267 million contract, which covers the design, build, finance, maintenance and operation of the new hospital to be completed in 2012.

Welcoming the announcement, Western Trust Chief Executive Elaine Way, said, 'I am delighted that today marks such a significant step forward. Having selected the most suitable contractor, we can now concentrate on building the new acute hospital and look forward to its opening.'

Highlighting the importance of the announcement for staff, she continued, 'While our staff continue to provide a first class service for all our patients, it will be so much easier to do so in a custom designed and state of the art facility that staff have actually helped to design. A model of patient centred care has driven our thinking. In the Western Trust believe we are raising the benchmark. The new facilities will provide a leap forward in how healthcare providers can address key areas such as infection control and maintaining patient privacy, dignity and choice. We are very much looking forward to the next stage of the project.'

The next stage of the project will involve securing Full Planning Approval for the new hospital for which an application has already been lodged. The New Hospitals Project team will be liaising with all Departments over the coming weeks to share the details of the final plans.

See pages 4-7 for full details...

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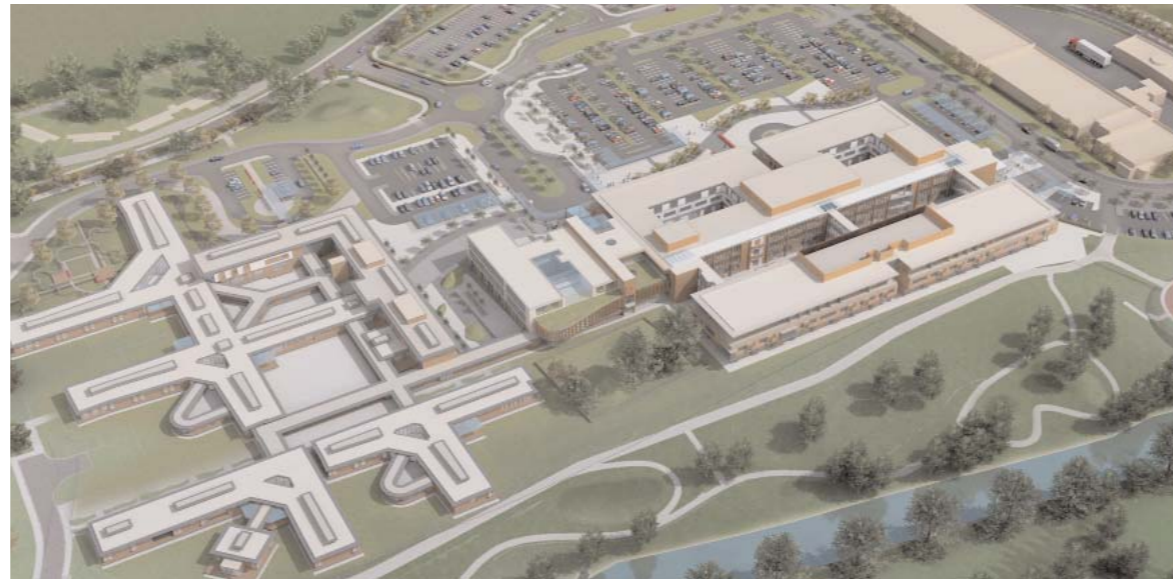
# Omagh Hospital Complex: Latest Developments

## Omagh Plans Approved

May 2008 has brought more welcome news for the New Omagh Hospital Complex. The Trust has received notice of the decision to approve outline planning permission for the new Omagh Hospital Complex. The decision will allow plans for the project to proceed on schedule. The new Hospital Complex which is to be built on the site of the existing Tyrone and Fermanagh Hospital includes the Enhanced Local Hospital, Centre for Mental Health and Health and Care Centre and is planned on the basis of full single room ward accommodation.

The new Omagh Hospital Complex is presenting a new and innovative 'Health Campus' model that will bring together health professionals from many disciplines and unites primary, community and intermediate care services together on one site, with established networks to regional services. The aim of the model is to provide patient-centred care, offering patients better access to a wide variety of healthcare services from one location, faster diagnostics, reduced waiting times and fewer trips to hospital.

Commenting on the significance of the planning announcement, Deputy Chief Executive, Joe Lusby said, "The Western Trust is glad to report more good news on developments for Omagh. Our vision for the new Hospital Complex with its Enhanced Local Hospital will allow us to offer many new opportunities for delivering modern healthcare services, and to deliver better outcomes for patients and clients. It is great that we have secured the interest of the leading international contracting firms who are currently tendering to build the new facilities. This series of recent activities brings us to a very exciting time for the project and we look forward to continuing this success".



### Latest Design Developments

Image from the Exemplar Design of the New Omagh Hospital Complex that shows where the new buildings will be positioned on the Tyrone and Fermanagh Hospital site. The buildings will take advantage of the views out to the Camowen River and further into the countryside. See Page 8 & 9 for more...

The image of the existing Tyrone and Fermanagh site above will allow you to see how the buildings will fit within the current site. Follow the route of the Camowen River.



## Omagh Project Update

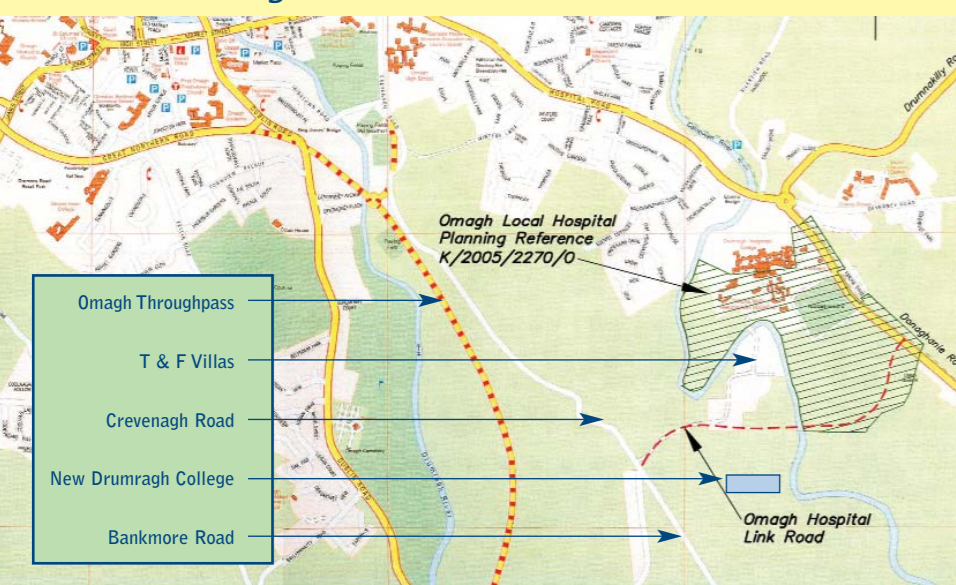
The project to deliver the new Omagh Hospital Complex is moving through the process of appointing a contractor. The Trust has engaged with high calibre bidders who are demonstrating a keen interest and an understanding of the vision and Trust's aspirations for this innovative model for local healthcare delivery.

Bidders submitted initial proposals outlining their Strategic Approach to the project at the end of May for Trust evaluation and formal feedback. This was completed at the end of June and a series of feedback sessions were held with each individual bidder for each of the main areas of the project; design, finance, human resources, facilities management, legal, socio-economic and project management.

Significant progress has been made with the development of the exemplar design for the new Omagh Hospital Complex. A programme of comprehensive engagement with a wide range of staff on the detail of the exemplar design has been delivered, and will continue over the coming months. This is resulting in valuable design developments reflecting the new model for patient care.

Work is currently focusing on the completion of the procurement and design documentation and detailed specifications for the project. This information describes how the hospital is planned to operate in both clinical and facility's management terms. It also includes detail on the Trust's construction and equipment requirements. This information will form the basis for the next period of intensive dialogue with Bidders. Based on the current timetable, Bidders will submit proposals for the next stage of the project early next year.

## Plans Progress for New Link Road



The Trust's development plans also include the provision of a new road to provide a link from the new Complex to the town's major road network, the Omagh through-pass. Work on the new road and site preparations is set to take place over the next two years, subject to planning approval, with construction on the new buildings beginning in 2010. The new Omagh Hospital Complex is planned to open in 2013.

A planning application has been lodged for the new link road. The new road will run along the route of the old railway line on the Tyrone and Fermanagh Hospital site with a new bridge being provided.

Left: map depicting route of new access road

## Site Preparation Works

Work continues at the Tyrone and Fermanagh Hospital site to prepare for the construction of the New Omagh Hospital Complex. This work is currently focusing on the installation of new site services including boilers and water systems. Work is also underway to refurbish the existing unoccupied villas of Oak and Ash to meet current clinical standards for patients. These villas will provide temporary accommodation for patients decanted from the villas of Pine and Larch, which are located within the site area and will be cleared prior to construction. For more information on the site preparation works, please contact Brian McAleer on ext. 5968

Works	Start Date
New Boiler System & Steam Plant in Main Building	Oct 08
Refurbishment of Oak & Ash for Decant Accommodation	Oct 08
Upgrade Electricity Supply	Nov 08
Sewage Works	Dec 08
Fencing of Burial Ground	Jan 09
New Link Road (Subject to Planning Approval)	Summer 09

# New Acute Hospital for the South West (NI)



A copper clad entrance pavilion will provide a focal point for visitors while a boulevard will lead visitors directly to the main entrance from the car parks close by.



The New Acute Hospital is the first in Northern Ireland to be planned with 100% single en-suite rooms. The design promotes patient safety to reduce the risk of patient falls and clinical error. All rooms will have full height windows to allow patients to benefit from the healing views over a natural environment. The single room and en-suite shower and toilet will be spacious and designed to offer good staff observation while preserving patient privacy.

Northern Ireland Health Group have a design team that is led by Anshen + Allen Architects which are a leading Healthcare practice with a proven track record of innovative and clinically effective design. They are supported by Isherwood and Ellis, from Belfast, DSSR (Engineering) and RPS (Structural) combining the International experience with local knowledge.

1. View to Main Entrance
2. Main Hospital Roundabout
3. A & E Entrance
4. Main Entrance Plaza
5. Key Worker Accommodation and Creche
6. Energy Centre
7. Children's Centre
8. Women's Health Unit
9. A & E Department
- 10.
- Level 1: Imaging Department
- Level 2: Theatres/Critical care
- Level 3: Hospital Admin
11. Allied Health Professionals
- 12.
- Level 1: Outpatients
- Level 2: Maternity and Neonatal
- Level 3: Wards
- Level 4: Wards
13. Service Yard



Care has been taken to ensure that the new hospital will demonstrate a caring and reassuring philosophy. Visitors will be guided to the main entrance via covered walkways to protect from the wind and rain, while the main entrance boulevard will offer dedicated patient and bus drop-off zones and disabled parking close to the front door.

The New Acute Hospital will incorporate much best practise in hospital design and set new standards for patient care. Attention has been provided to the needs of core groups including older people, children and

disabled users. For example, the new Maternity Department has been designed around the needs of mothers and their families and will offer modern, homely and private, en-suite facilities with many including birthing pools.

The design has ensured that the hospital will be easy to clean with widespread use of hands free sensor taps in all clinical areas, materials carefully selected, dust catching edges & ledges removed and surfaces treated with antibacterial coating.

## Supporting Staff Needs:

The New Acute Hospital has been designed to fully support our doctors, nurses, health professionals, facilities management, administrative and support staff to effectively deliver the services for our patients. Key to the clinical planning process has been the need to assist staff meet the challenging targets set by the DHSSPS and build in the flexibility required to meet future requirements and the changing needs of an evolving healthcare system. The building has been planned to reduce travel distances for staff and to maximise staff communication and networking. As a teaching hospital, state of the art education suite will be provided with conferencing, meeting, library and research facilities.

Staff will also have access to the latest medical equipment and technologies. New systems for effective staff and patient communication will be provided with the vital connections to the wider healthcare networks. The hospital will also include enhanced inbuilt and unobtrusive security measures.

Within each Department, dedicated staff rest and storage facilities will be provided, while modern Changing Facilities will include showers and a uniform laundry service. The needs of staff will also be catered for with an on-site crèche and staff 'key worker' accommodation.

## Patient Centered Design

The New Acute Hospital has been designed to meet the highest clinical standards, addressing key issues such as infection control and has evolved from an ethos that sets the patient at the heart of all development plans. All aspects of the design have focused on improving the patient experience by providing a truly therapeutic healing environment that protects patient privacy and dignity. The site offers healing views of the rolling landscape and maximises the use of natural light and ventilation.

The 65,000m<sup>2</sup> building is broken up into a number smaller blocks that will allow patients to experience the hospital on a human scale. The A & E Department will also be located on the ground floor and can be directly accessed a short distance from the entrance roundabout from which it will be clearly visible. The building has been planned with the entire suite of outpatients on the ground floor for the convenience of patients.

A & E is planned close to other key areas of the hospital with imaging nearby and both theatres and critical care directly above with dedicated lift access. The bank of theatres will be grouped for efficiency and flexibility and surgical wards will include protected elective and gynaecology beds.

In-patients wards will be provided in a block to the West of the site overlooking Wolf Lough. The project pioneers the inclusion of 100% single en-suite rooms, providing patients with their own personal space and includes key design features to address the control of infection.

Other key features will include a dedicated Children's Centre, designed around the needs of children and their families. The Centre will provide a hospital within a hospital with a dedicated entrance and tailored ward design, including an indoor and outdoor play area that can be utilised for therapeutic activities.



Image of Staff Education Suite

# New Acute Hospital: Project Update

## The Next Steps

The New Acute Hospital Project is entering a new and exciting phase in its development. The construction period is planned to begin in May next year, and will be completed in 2012. The table below outlines the key milestones that will lead us to the launch of the new facilities.

Project Milestone	Target Dates
DHSSPS Approval of Appointment Business Case	August 2008
Appointment of Selected Tenderer	September 2008
Submit Full Business Case to Trust Board & DHSSPS	December 2008
Full Planning Permission Required	Winter 2008-2009
DHSSPS Approval of Full Business Case	Spring 2009
Financial Close: Contract is Signed	Spring 2009
Construction Programme	2009 –2012
New Acute Hospital Opens	2012

The next stage in what is one of the region's largest public sector projects involves securing Full Planning Approval and obtaining final approval from the Department of Health (DHSSPS) on the full business case. Once these approvals are in place, the contract with the successful tenderer can then be signed, and the construction phase can begin.

As Mary Maguire who leads the Western Trust's New Hospital Projects explained, 'We are working to ensure that the project now moves forward with pace. The application for full planning permission for the new hospital has already been lodged and we are preparing the full business case to obtain final approval from the Department of Health for the project. We are hopeful that if everything goes according to plan, we can begin the construction phase in the first half of 2009.'

Mary continued, 'I am very glad that we have reached this key stage. We have worked through a very detailed procurement process with Bidders and one of the key advantages is that our Selected Tenderer knows very clearly what we expect to be delivered. This means that we do not need to make time for negotiations. Both we in the Western Trust and our Selected Tenderer must now focus on delivery. I intend to ensure that we deliver to the expectations of our staff and the local community in Fermanagh and Tyrone.'

## View from Staff

The progress with the new Acute Hospital has been very much welcomed by staff. Sr. Jacqueline Teague summarised the view of many when she said, 'This is the news we have been waiting for. Like many staff, I am keen to move to the next stage and focus on the detailed room layouts and developing the clinical procedures that will make our new hospital one of the most efficient in Europe. For our team in Women's Health, we are already implementing many changes that will modernise our clinical practices. We look forward to delivering care to our patients in the new hospital that we have helped design and that will support us in providing a quality service.'

Paediatric Consultant and Education Lead, Dr Ray Nethercott said, "The new hospital will provide a fantastic opportunity to deliver clinical excellence to the people of the southwest. We will significantly gain in our ability to attract and retain the best young doctors, nurses and other professionals and are building on strong foundations that already exist today. We can lead the way into the future showing the NHS how to best deliver medical services to a dispersed rural population, in an efficient and effective manner. Our service will provide a flexible approach that will help staff deliver of their best to the best."

Consultant Surgeon, Brendan Harding explained, "It was very interesting to be involved in the process of assessing the bids for the hospital. I was excited by the amount of positive energy there was at the meetings with the purpose of creating a healing space for patients. People from all parts of our existing hospitals were involved and I am hopeful that in the end there will be a sense of ownership right across the community for this new exciting facility".



## Health Minister Visits Completed Site Preparation Works



Left to Right: Miriam McCarthy (Secondary Care, DHSSPS) Brian Elliott (Health Estates Agency), Joe Lusby, (Western Trust Deputy Chief Executive), Mary Maguire (New Hospitals for the South West), Richard Christie (Health Estates Agency) and Health Minister Michael McGimpsey join Trust Chairman, Gerard Guckian on a welcome visit to inspect the completed enabling works for the New Acute Hospital for the South West (NI)

On the 5th August 2008 the Western Health & Social Care Trust welcomed Health Minister, Michael McGimpsey to the site of the New Acute Hospital

outside Enniskillen. The Minister's visit marks the completion of the enabling works contract that has left the site ready for the construction of a new £267 million acute hospital for the southwest region.

Health Minister Michael McGimpsey said "I am delighted to witness the progression of this pivotal project and to see the site now ready for the building of the new state of the art hospital. This is a core part of my Department's Infrastructure Investment Programme that will see a considerable and much needed investment in the Southwest, as well as essential investments throughout Northern Ireland".

As Trust Chairman, Gerard Guckian explained, 'The site preparations project is part of the Western Trust's commitment to delivering the new hospitals as efficiently as possible. We have now prepared for the new roundabout base, completed earthworks, constructed an access road, and diverted the electricity cables underground. In addition, we have ensured that essential utility services such as water, electricity and telecommunications are effectively in place and ready for the new hospital. By completing this in advance of the main contractors we have prepared the way for a shorter construction schedule that will help us to meet the 2012 timetable for completion. This is good news for our local community in Tyrone and Fermanagh.'



## Introducing the Selected Tenderer: Northern Ireland Health Group

The consortium has 4 stakeholders: FCC Construcción SA, Allied Irish Bank, Interserve Investments & P Elliott & Co. each whom has a proven record of success in delivering large acute hospitals and the Private Finance Initiative.



This consortium approach will combine the best of local skills, international experience and industry-leading innovative practices. Facilities Management services will be provided by Interserve FM, a well-established provider of Healthcare support services and which currently operates in Northern Ireland.

# Omagh Hospital Complex: Exemplar Design

## The Design Concept:

The exemplar design for the New Omagh Hospital Complex aims to provide a high quality, patient focused 'healing environment' that maximises the natural attributes of its setting on the historic Tyrone and Fermanagh Hospital site. The new facilities will offer a comfortable, secure and non-institutional setting for patients, staff and visitors.

Critical to the planning process is the need to deliver an effective and joined-up service to patients through the innovative 'health campus' model that the Complex offers. The model of care brings together primary and secondary healthcare services with the Enhanced Local Hospital, Centre for Mental Health and Health & Care Centre co-located on the site. The model presents a challenge to the design team and our staff groups to translate the

new model of care into workable and desirable functional relationships. This integrated healthcare model is expressed in the exemplar design through the planning of each patient journey throughout the facilities. The result for staff and patients is much greater efficiency in patient flows. This has been coupled with evidence based methods that have been proven to aid patient recovery such as access to the outdoors and natural environment, extensive use of natural light and ventilation and individual control over the environment.

Staff will continue to examine and input into the design of the Omagh Hospital Complex as we continue to develop more detailed plans during the Autumn and Winter of 2008.

## Secondary Entrance



Access to the building will also be provided from the southern end of the site. A dedicated entrance to the Renal Unit is planned, as well as entrances to Urgent Care and to the main hospital street and public lifts. This will primarily serve the Children's Centre and Day Surgery Unit.

This entrance will be easily accessible from the new link road providing a direct route for ambulances from the Urgent Care Centre to the main road network.

## Main Entrance Plaza



The main entrance plaza is centrally located within the site and forms the village square. This area will incorporate a drop-off zone right at the front door and canopies to shelter visitors as well as seating, a bus shelter and bicycle park. The plaza will link the building to the car parks and protected disabled parking will be provided close by.

The plaza will lead to the main hub of the hospital, the entrance forum. This forum will be a generous space designed to welcome visitors with a main reception, shops and café. Visitors will be reassured that they can find their way through the building with clear internal planning through to the main hospital street, with lifts and stairs clearly visible.



1. Enhanced Local Hospital
2. Main Entrance Plaza
3. Centre for Mental Health
4. Health and Care Centre
5. New Link Road enters site



Views to the Camowen River



The hospital street will provide the main circulation route for the hospital complex and will run from the hospital, through the main entrance and to the Centre for Mental Health. Views from the hospital street will assist users to understand their journey through the hospital.

Separate routes will be provided for public and patients', ensuring privacy and dignity is maintained. This separation will also assist greatly in the control of infection.

# Staff Engagement; Working with You

## Staff Design Forum: Omagh Hospital Complex

The Staff Design Forum for the Omagh Hospital Complex was formed in May 2008. This Forum is made up of 25 staff members from the range of departments that will form part of the new Enhanced Local Hospital, Centre for Mental Health and Health and Care Centre. This key Forum is working to provide a practitioners view of the design for the new facilities. Plans are presented to the group for scrutiny and feedback is gathered on key issues such as how the building functions, examining the patient pathway through the facilities as well as access, building integration, landscaping and interior design.

The Forum performs a formal evaluation of the design and applies a recognised healthcare design evaluation tool called ASPECT (A Staff and Patient Environment Calibration Toolkit). During a series of 3 workshops held at DBS HQ the group has already conducted a formal ASPECT evaluation of the exemplar design for the Hospital Complex. The results of this evaluation have been presented to the Design Team who are addressing the issues raised in the development of the exemplar design for the project. The next stage will involve meeting with Bidders to discuss their design approach. The Forum will continue to challenge developments throughout the procurement process.



Some representatives of the Omagh Project's Staff Design Forum

## Clinical Reference Group

Another key Forum for the Omagh project is the group of Senior Clinicians that form the Clinical Reference Group.

More information on this Group will be provided in the next edition of the DBS Staff Bulletin.

## Message from the Chief Executive

As we move from the preparation phase into the delivery of the New Acute Hospital, it is only fitting that we recognise the considerable time and effort of staff and community representatives for the vital contribution made. Thank you to those who have given of their time to ensure that we grasp this opportunity to make the new facilities the best that they can be. It is the unique insight from the perspective of staff and patients that is pushing the boundaries of previous best practice and positioning these new developments among the best in Europe. We look forward to continuing this good work into the delivery phase of the project.



## New Acute Hospital: The Work Ahead

The New Hospitals Project team is currently preparing a programme of meetings with staff and community representatives for the Autumn and Winter period. This programme will involve sharing the detail of the plans and conducting the final checks on the design proposals. Much work lies ahead as we move to a greater level of detail in the design and drawing will be developed to a ratio of 1:50 room layouts. The 1:50 room layouts for all wards and departments that identify the location of all equipment including wall and floor mounted equipment. This includes lights, cupboards, ceiling hoists, doors, windows and screens, the position of bedhead trunking and any key mechanical and electrical devices required for cooling etc.

Here are some (but not all!) of the key tasks that must be completed prior to Financial Close and the signing of the contract in April 2009.

Key Actions to Financial Close	Meetings Required
Prepare information for Full Business Case, incl. financial	Staff Design Exhibition
Complete Final Checks on 1:200 design drawings	Individual Meetings with all Hospital Departments
Develop 1:50 designs for all Departments	Clinical Reference Group
Prepare mock-up rooms: single en-suite room	Staff Design Forum: Acute Hospital
Review Wayfinding Strategy	Community Design Evaluation Forum
Review Interior Design Proposals	Community Liaison Forum
Review plans to Address Disability Issues	Patient Environment & the Arts Committee

## County Staff Visit New Hospital Developments



A delegation of Ward Sisters and Managers from the Tyrone County Hospital joined the DBS team on a visit the latest capital developments at Altnagelvin in August. The visit, facilitated by Karen Love, Commissioning Support Nurse to Altnagelvin Strategic Development project included a tour of the new surgical Wards 31 and 32, and the South Block, which is currently under construction.

Feedback from the delegation suggests that the visit was very worthwhile. The new developments were viewed as a significant improvement in the design of healthcare facilities that will bring benefits for both visitors and staff. The new space standards with larger single rooms, airy corridors and full length windows were very much welcomed.



## The 'Mock-Up' Rooms

The selected contractor (NIHG) will be developing a series of 'mock-up' rooms to allow staff and users get a 'feel' of what the end product will look like. A list of the mock-up areas can be found below. The mock rooms will be made available for staff and service users to view and will include trial systems of key pieces of equipment. These rooms will be available in 2009.

- Single rooms with full en-suite bathroom, including hoist
- Single pediatric en-suite room
- Main Ward Staff Base
- Clean and Dirty Utility Rooms
- Dirty Utility Room in ward
- Outpatient Consult/exam Room



Mock-up of an en-suite bathroom that Selected Tenderer, Northern Ireland Health Group is currently preparing.

This will allow staff to examine in details the proposed materials, equipment and surfaces and to address key issues such as ease of cleaning.

# Upcoming Events

## Successful Tenderer: Design Road Shows

The New Hospitals Project Team will be joined by our Selected Tenderer on Design Roadshows during the Autumn of 2008. Below is a list of the places that we intend to visit over the coming weeks. Look out for confirmation of dates and times on staff notice boards and Trustnet, as well as local press for public venues. We look forward to meeting you at these events.

### Venues for Design Road Shows

Erne Hospital	Omagh College
Paget Square	Belleek Community Centre
Tyrone County Hospital	Lisnaskea Health Centre
Clinton Centre	Ecclesville Centre



Pictures from the Staff Design Exhibition provided by Successful Tenderer Northern Ireland Health Group.

The exhibitions took place in the Erne Hospital in March 2008 when each of the 3 Bidders showed the detail of their design proposals and answered your queries.



## Thanks to Bidding Consortia

The Trust received three very high quality bids, thanks to the dedicated efforts of each of the bid teams involved in the New Acute Hospital project. The Trust was glad to work with three highly professional, committed and talented teams of Bidders competing for the contract.

Each Bid Team engaged fully in the process and as a result a number of valuable sessions were held with staff during workshops, at presentations and exhibitions. Thanks to all who participated in this process.

### Contact Us

If you have any questions, comments or suggestions, we would be glad to hear from you. Please contact Anita at the New Hospitals Information Desk, on **028 8283 5890/1**. Email: [anita.mcconnell@westerntrust.hscni.net](mailto:anita.mcconnell@westerntrust.hscni.net)

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