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| SGV 541 as RGB - 2cm wide at 300dpi1009016 VCP A4 newsletter portrait_Word setup top  Final report  Small Capital and Equipment Program |

Moving towards a centre of excellence in training, education and research

Background and context

Northern Health, in collaboration with a number of community health agencies offers a diverse range of acute, sub-acute, ambulatory, community health, community-based mental health, community-based aged care and primary care programs across six sites in the outer northern area of Melbourne. These organisations currently offer student placements across multiple sites for nursing, social work, occupational therapy, physiotherapy, medical audiology, speech pathology, podiatry, psychology, pharmacy, allied health assistance, paramedics, radiology, health information management, orthoptics and orthotics. We require information technology (IT) equipment, furniture, fittings and teaching equipment to increase capacity for placements and enhance these existing student placement arrangements.

Student placements are increasingly being orientated towards the promotion of interprofessional practice. Our academic partners envisage the development of a ‘hub and spoke’ approach whereby students undertake supervision from a remote site, link into tutorials, lectures, case conferencing and complex care planning from their placement site using the latest technology. Information and communications technology-enabled (ICT) facilities will promote these emerging approaches to teaching and supervision.

A distinguishing feature of the education programs in Melbourne’s outer north is our increasing focus on interprofessional education and clinical practice. Students placed with agencies in the outer north will have opportunities to participate in an education experience which increases understanding and knowledge of a range of disciplines and promotes skills in working across disciplines. This experience will create a team approach to workforce development and enhance health sector organisational capability, effectiveness and efficiency. This type of clinical experience is not usually available in traditional clinical settings.

Project objectives and expected impacts

Project objectives

* To purchase equipment that promotes learning and sharing of knowledge across disciplines and a range of sites and clinical areas;
* To install high-quality ICT which meets the needs of students and education institutions;
* To provide students with the necessary infrastructure that facilitates a hub and spoke approach to education and training; and

To enhance current capacity to support growth of clinical placements.

Expected impacts

* Appropriate resources to provide quality student placements, fostering an interprofessional model;
* Improved relationships with teaching institutions and meeting a local need for health service and community health-based clinical placements;
* Increased capacity for student placements;
* Northern Health and Dianella Community Health identified as preferred clinical placement organisations; and

Potentially increase recruitment of graduates.

Project activities

The project activities mainly focused around finalising the equipment to be purchased and ordering/installing equipment. A number of principles underpin the selection and purchase of the equipment:

* Applicable for a range of disciplines;
* Promoting interprofessional learning;
* Value adding to quality student education;
* Providing opportunities for increased student capacity;
* Compatible with existing systems and equipment; and

Minimal maintenance required.

Project management

Governance

A small management group comprising a representation from Dianella Community Health Service and Northern Health met twice between April and June 2013 to ensure project objectives/timelines were being met. An updated report will be provided to the Northern Metropolitan Clinical Placement Network by 30 June 2013.

Stakeholder engagement and consultations

Key staff from allied health, medicine and nursing education and practice have been consulted regarding equipment needs. Where relevant, ICT staff have been involved in decisions regarding hardware, applications and software purchase.

Budget

Is subject to routine delegation and management guidelines.

Timelines

All equipment ordered by 30 June 2013.

Project performance against stated deliverables

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| --- | --- | --- | --- |
| Project activity | Project deliverable/target | Due date | Status |
| Project plan developed | * Project leader appointed * Stakeholders identified * Reporting requirements confirmed | 24 April 2013 | Complete |
| Consultation and equipment analysis | * Consultation with user groups completed * Equipment list finalised * Implementation dates confirmed * Installation procedure confirmed with architects, engineering, ICT Department * Equipment ordered | 10 May 2013 | Complete |

The project has achieved its stated objectives:

* To purchase equipment that promotes learning and sharing of knowledge across disciplines and a range of sites and clinical areas;
* To install high-quality ICT which meets the needs of students and education institutions;
* To provide students with the necessary infrastructure that facilitates a hub and spoke approach to education and training; and

To enhance current capacity to support growth of clinical placements.

Ordering is complete and the majority of equipment has been received. It is anticipated that any items not yet received will be delivered and installed by early July 2013.

Project outcomes

* The equipment purchased enables us to offer resources to a greater number of health professional students across a range of disciplines.
* A positive learning environment shared by students from different disciplines has been fostered (for example, through computer purchases for shared learning areas). This will promote opportunities for formal as well as informal opportunities for students to learn with, from and about one another.
* Teaching equipment (for example, audiovisual equipment and conference microphone) that promotes a hub and spoke approach to student clinical education is now readily available.

The availability of standard ward/rehabilitation equipment in a teaching setting means students can practice in a safe environment prior to working directly with patients. Accessing equipment dedicated to student teaching also allows us to further test student skills and development – improving the quality of the programs we provide.

Evaluation

Positive aspects

This grant has enabled us to address some resource gaps for IT and teaching equipment in Melbourne’s outer north. In a resource constrained environment, student teaching resources are often extremely difficult to acquire. This funding provides ICT teaching equipment that will not only promote a hub and spoke approach to clinical education but will add to our ability to provide interprofessional education experiences for students, whereby they are able to learn with, from and about one another.

Difficult aspects

There were no major issues encountered during this project. Whilst timeframes were tight, with adequate planning project deadlines were met.

Key learnings

* Good existing relationships (which this project has) enable projects with short timeframes to be easily achieved;
* There are many opportunities for building interprofessional collaborations when working through project processes;
* Basic and relatively inexpensive individual items/resources can make a big difference to the teaching program;

To consider the cost and availability of staff time in managing such a project.

Conclusion

This project provided an excellent opportunity for value, adding to clinical education outcomes and capacity in allied health, medicine and nursing across a range of clinical areas. In addition, the project has also strengthened the partnership between Northern Health and our community health partners, particularly around health professional student clinical education. The purchased resources will be located and deployed within sub-acute and community sites, as well as to support simulation programs; thus increasing the opportunity for student placements and clinical teaching in each of these important areas of practice for Melbourne’s outer north.

Appendix 1

Asset register

| Asset | Cost (GST excl.) | Supplier | Planned order date | Actual order date | Actual delivery date | Actual delivery date | Storage |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Workstation hutch | $375.00 | QED Office Interiors | June 2013 | 24 April 2013 | May 2013 | 14 May 2013 | Epping Campus |
| Meeting room table | $2,220.00 | QED Office Interiors | June 2013 | 24 April 2013 | May 2013 | 14 May 2013 | Epping Campus |
| Workstations x2 | $1,190.00 | QED Office Interiors | June 2013 | 24 April 2013 | May 2013 | 14 May 2013 | Epping Campus |
| Three-door mobile pedestal x2 | $530.00 | QED Office Interiors | June 2013 | 24 April 2013 | May 2013 | 14 May 2013 | Epping Campus |
| Whiteboard large | $301.92 | Officeworks | June 2013 | 6 June 2013 | June 2013 | 12 June 2013 | Epping Campus |
| Whiteboard small x3 | $417.00 | Officeworks | June 2013 | 6 June 2013 | June 2013 | 12 June 2013 | Epping Campus |
| Dressing trolley | $595.50 | BOAB Medical Technologies | June 2013 | 5 June 2013 | June 2013 | Anticipate early July | Epping Campus |
| Instrument trolley | $670.75 | BOAB Medical Technologies | June 2013 | 5 June 2013 | June 2013 | Anticipate early July | Epping Campus |
| Resuscitation trolley | $4,470.00 | BOAB Medical Technologies | June 2013 | 24 May 2013 | June 2013 | 19 June 2013 | Epping Campus |
| Portable patient monitor SimPad | $4,069.00 | Laerdal Pty Ltd | April 2013 | 14 April 2013 | April 2013 | Anticipate early July | Epping Campus |
| CSF puncture block obese | $250.00 | Limbs & Things Pty Ltd | June 2013 | 5 June 2013 | June 2013 | Anticipate early July | Epping Campus |
| CSF puncture block senior | $175.00 | Limbs & Things Pty Ltd | June 2013 | 5 June 2013 | June 2013 | Anticipate early July | Epping Campus |
| CSF puncture block senior obese | $175.00 | Limbs & Things Pty Ltd | June 2013 | 5 June 2013 | June 2013 | Anticipate early July | Epping Campus |
| Epidural puncture block x2 | $540.00 | Limbs & Things Pty Ltd | June 2013 | 5 June 2013 | June 2013 | Anticipate early July | Epping Campus |
| Data cables x3 | $188.73 | Fujitsu | June 2013 | 26 June 2013 | July 2013 | Anticipate early July | BECC, CHS & BHS – Clinical Education buildings |
| DVD recorder | $448.00 | B&H Australia | June 2013 | 26 June 2013 | July 2013 | Anticipate early July | Epping Campus |
| Handheld microphone and receiver kit | $516.00 | B&H Australia | June 2013 | 26 June 2013 | July 2013 | Anticipate early July | Epping Campus |
| Rack kit set | $25.00 | B&H Australia | June 2013 | 26 June 2013 | July 2013 | Anticipate early July | Epping Campus |
| Digital camera | $149.00 | The Good Guys | June 2013 | 26 June 2013 | July 2013 | Anticipate early July | BECC Clinical Education building |
| Non-slip floor mat | $199.00 | Seton Pty Ltd | June 2013 | 18 June 2013 | June 2013 | Anticipate early July | Epping Campus |
| Fridge/freezer | $548.00 | The Good Guys | June 2013 | 5 June 2013 | June 2013 | 12 June 2013 | Epping Campus |
| Chair moving trolley | $185 | QED Office Interiors | June 2013 | 24 April 2013 | May 2013 | 14 May 2013 | Epping Campus |
| Curtains/ blinds | $834.55 | Curtains Direct & Blinds | June 2013 | 24 June 2013 | July 2013 | Anticipate early July | Epping Campus |
| Office chairs x3 | $540.00 | QED Office Interiors | June 2013 | 24 April 2013 | May 2013 | 14 May 2013 | Epping Campus |
| Meeting room chairs x16 | $1,440.00 | QED Office Interiors | June 2013 | 24 April 2013 | May 2013 | 14 May 2013 | Epping Campus |
| Control room chairs x3 | $825.00 | QED Office Interiors | June 2013 | 24 April 2013 | May 2013 | 14 May 2013 | Epping Campus |
| Desk-mounted screens x2 | $350.00 | QED Office Interiors | June 2013 | 24 April 2013 | May 2013 | 14 May 2013 | Epping Campus |
| Filing cabinet | $269.00 | Turnco Industries Pty Ltd | June 2013 | 8 June 2013 | June 2013 | Anticipate early July | Epping Campus |
| Computers – desktop and monitors x4 | $6,009.60 | Northern Health, Information and Technology Department | April 2013 | 24 April 2013 | May 2013 | Anticipate early July | Epping Campus |
| Speakers | $126.36 | Officeworks | April 2013 | 18 April 2013 | April 2013 | Anticipate early July | Epping Campus |
| Headphones | $54.44 | Officeworks | April 2013 | 18 April 2013 | April 2013 | Anticipate early July | Epping Campus |
| Microphone | $22.73 | Officeworks | April 2013 | 18 April 2013 | April 2013 | Anticipate early July | Epping Campus |
| Flat panel screen | $2,800.00 | The Good Guys | June 2013 | 26 June 2013 | July 2013 | Anticipate early July | Broadmeadows Campus |
| TV wall mount bracket (fixed) for large flat screen | $90.00 | The Good Guys | June 2013 | 26 June 2013 | July 2013 | Anticipate early July | Broadmeadows Campus |
| TV wall mount bracket (movable) for smaller flat screen | $150.00 | The Good Guys | June 2013 | 26 June 2013 | July 2013 | Anticipate early July | Epping Campus |
| Phones x10 | $1,747.20 | Fujitsu Australia | June 2013 | 17 June 2013 | June 2013 | June 2013 | BECC & BHS – Clinical Education buildings |
| WIFI connection | $1,859.62 | Dimension | June 2013 | 23 May 2013 | Anticipate connection early July | | Epping Campus |
| Observation room monitoring system | $1,780.00 | Australian Sound Service Pty Ltd | June 2013 | May 2013 | June 2013 | Anticipate early July | CHS – Clinical Education building |
| Video camera | $245.00 | The Good Guys | June 2013 | 26 June 2013 | July 2013 | Anticipate July 2013 | Epping Campus |
| Tripod | $40.00 | The Good Guys | June 2013 | 26 June 2013 | July 2013 | Anticipate July 2013 | Epping Campus |
| Intercom system | $4,631.40 | Australian Sound Service Pty Ltd | June 2013 | To be ordered early July 2013 | July 2013 | Anticipate early July | Epping Campus |
| Digital transcription equipment | $399.00 | Voicex Pty Ltd | June 2013 | 18 June 2013 | June 2013 | Anticipate early July | BECC, CHS & BHS – Clinical Education buildings |
| Digital recorder with voice recognition | $258.00 | Voicex Pty Ltd | June 2013 | 18 June 2013 | June 2013 | Anticipate early July | BECC, CHS & BHS – Clinical Education buildings |
| Group activity recording microphone | $275.00 | Voicex Pty Ltd | June 2013 | 18 June 2013 | June 2013 | Anticipate early July | BECC, CHS & BHS – Clinical Education buildings |
| Webcams x7 | $336 | The Good Guys | June 2013 | 26 June 2013 | July 2013 | Anticipate early July | BECC, CHS & BHS – Clinical Education buildings |
| Connections/ weblink | $5,342.20 | Exetel | June 2013 | 26 June 2013 | Anticipate connection early July | | Epping Campus |