

# Australian Giant Magellan Telescope Project Participation



## AN INVITATION TO REGISTER YOUR ORGANISATION'S INTEREST AND CAPABILITIES

*Companies around Australia often have experience and capabilities that could be applied outside their normal scope of projects. The Giant Magellan Telescope – (GMT) is not a normal project. If you think your company might have the ability and interest to participate in this exceptional international project opportunity, then register for free, on-line, using this template document.*

*The GMT is a project with a estimated value of some US\$550 million in 2004 dollars. Australia is seeking a 10% share in GMT with the implication that Australian Industry will have the opportunity to tender for work during the Design and Development Phase as well as the Construction Phase. A GMT Australian Industry Cluster is already forming and active.*

*GMT will be one of the great science infrastructure projects of this century. If you would like your company to be a part of the future, register here today.*

### WHO SHOULD REGISTER AND WHY?

All companies and organisations with experience and capabilities in microelectronics, optics, electronics, electro-optics, precision machining, precision integration and test of complex multidiscipline systems, hi-reliability materials and processes, vacuum systems, structured systems engineering, project management in complex multidiscipline systems, risk analysis, reliability analysis, product assurance, information systems, structural engineering, NVH, HVAC and geotechnics should register, to name just a few disciplines.

**Companies and organizations should register because it will afford them an opportunity to;**

- showcase their capabilities and expertise to the international forum of the GMT Consortium.
- develop technologies that will be saleable to a wider world market
- participate in a project viewed on the world stage of engineering and science
- form new commercial alliances both in Australia and internationally

To name just a few highlights of participating in the GMT Project.

### HOW TO REGISTER

The following form should be completed by your organisation's CEO, COO or CTO and **emailed** back to **Roger Franzen, AGMT Project Office, [agmtpo@mso.anu.edu.au](mailto:agmtpo@mso.anu.edu.au)** as an **MS Word document** or as a **PDF document only**.

Please also email your company logo in a resolution suitable for viewing as a small web based icon.

If you have any questions, either email them to the above address or phone +61 2 61250210.

## **Australian Giant Magellan Telescope Project Participation**

### **HOW WILL YOUR INFORMATION BE MANAGED**

Once you have completed the form below and sent it to the AGMTPO, either as an MS Word document or as a PDF document only, it will be uploaded to the AGMT Industry Webpage as a downloadable PDF document shown alongside your company name and corporate website hotlink.

All registrants will have their information exhibited in this manner

Please note that it is important that you make sure your information is free from typos and errors because it will be uploaded and displayed on the AGMT Industry Web page without alteration.

If at any time you feel it necessary to add to or amend the information already given, simply complete the entire document again and resend it to the email address given above. Your old information will be discarded and replaced with the new.

## Australian Giant Magellan Telescope Project Participation

### 1. COMPANY DETAILS

Company Name	<b>Sinclair Knight Merz Pty Ltd</b>
Street Address	<b>100 Christie St, St Leonards, NSW</b>
Postal Address	<b>PO Box 164 St Leonards NSW 1590</b>
Web Address	<b>www.skmconsulting.com</b>
Name of Contact Person	<b>Jeff Ruckman</b>
Position of Contact Person	<b>National Project Director</b>
Contact Telephone Number	<b>02 9928 2234</b>
Email Address	<b>jruckman@skm.com.au</b>
Company Logo (optional)	Refer to separate email.

## Australian Giant Magellan Telescope Project Participation

### 2. TYPE OF ORGANISATION & NATURE OF BUSINESS

Please tick relevant box

<b>(a)</b> Exclusively Australian operation	
<b>(b)</b> Australian organisation with office(s) or representation overseas in: United Kingdom; New Zealand; Fiji; South America; Dubai; Pakistan; India; Thailand; Malaysia; Singapore; Indonesia; Philippines; Hong Kong	✓
<b>(c)</b> Australian organisation with overseas alliance(s) with partners in: North America; South Africa	✓
<b>(d)</b> Multinational Organisation: please specify parent company & registered location:	

**(e)** Organisation's Main Business in Australia (paragraph only required):

Sinclair Knight Merz (SKM) is a leading engineering, sciences and project delivery firm. Its purpose is to deliver a positive and enduring impact on the world. In support of this goal, we have offices across Australia, New Zealand, Europe, the Middle East, South America and Asia. We work in close partnership with key clients in the public and private sectors, providing independent technical, strategic and commercial advice to deliver a wide range of projects in the communities in which we live.

Our global workforce has been growing steadily and we now employ more than 6000 people in 47 offices around the world. They come from a diverse range of disciplines including engineers, planners, architects, economists, scientists, project managers, technicians and administrative staff.

Our staff work across seven broad markets: Buildings & Property; Defence; Power & Industry; International Development Assistance; Transport Infrastructure; Mining & Metals; and Water & Environment. We continually strive to help our people reach their full potential, engaging them in challenging and inspiring projects that shape industries and build nations.

Wholly employee-owned, SKM is an organisation with a proud **history** and we embrace **shared values and an open culture**. We have a commitment to **service** and **quality**, with high standards of **safety** and business **ethics**, along with a leading edge approach to delivering a **sustainable future**.

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### 3. ACTIVITIES RELEVANT TO THE GMT PROJECT

Please tick boxes to show your organisation's area/s of interest, activity or capability. A more refined description of your organisation's activities are provided in Section 3.2 "Organisation Expertise/Capabilities". Should you need to, you may also provide further details under each of your organisation's nominated categories or add your own specific definitions by adding rows to the table.

#### 3.1 Activities and/or Market Segments

Academia	
Optical Astronomy	
Engineering – System Engineering, Design, Analysis and Test	✓
Engineering – Fabrication	✓
Engineering – R&D	✓
Engineering – Project Management	✓
Engineering - Civil	✓
Electro –Optics	
Photonics	
Integrated Logistics Support	✓
Activity or Market Segment by your Definition; SKM is a leading engineering and project delivery firm working to deliver outstanding client success in countries across the globe in a broad range of markets.	

#### 3.2 Organisation Expertise/Capabilities

Adaptive Optics	
Architecture	✓
Control systems	✓
Electrical Engineering	✓
Security System design	✓

## Australian Giant Magellan Telescope Project Participation

Asset Management systems	✓
Building Services Design (Electrical, HVAC, Fire, Hydraulic, BMS)	✓
Economic & Business Planning	✓
Complex multidiscipline systems modelling and simulation	✓
Complex multidiscipline systems design and engineering	✓
Complex multidiscipline systems integration and test.	✓
Semiconductor optoelectronics and microsystems	
Photonic devices and systems	
Precision optics design and fabrication	
Precision machining	
Precision and/or hi reliability integration	✓
Electronics hardware design and/or manufacture	✓
Composites design and/or manufacture	✓
Advanced Materials and/or processes	
Vacuum Systems	
Remote infrastructure operations and maintenance	✓
Electro-optic devices and systems	
Data transmission and telecommunication systems	✓
Digital signal processing systems	✓
Structured Systems Engineering	✓
Structured Project Management	✓
Reliability Analysis	✓
Product Assurance	✓
Structured Risk Analysis	✓
Large and lightweight space frame structures	✓
Noise Vibration and Harshness systems	✓
Heating Ventilation and Airconditioning	✓

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Geotechnics	✓
Site management and planning	✓
Geographical Information Systems and Imagery Analysis	✓
Environmental Services	✓
Any Further Comments?	