Senior Professional designer (RISE)

Department/Unit	Architecture
Faculty/Division	Faculty of Art Design and Architecture (MADA)
Classification	HEW Level 7
Work location	Caulfield campus
Date document created or updated	April 2018

Organisational context

There's a certain feeling you get from working at Monash University. It's the feeling that you're a part of something special. Something significant. So if you're looking for the next chapter in your career, it's here. You'll be given the opportunity to challenge yourself, build on your skills, and make a significant contribution to a workplace that's filled with energetic and inspiring people. Talent thrives here - and so do truly satisfying careers. Discover more at www.monash.edu

In Melbourne, art, design and architecture are leading influences on the city's internationally recognised cultural dynamism, exhibited through significant collecting and exhibiting institutions, commercial galleries and innovative cultural production. Within this rich milieu, Monash Art Design & Architecture (MADA) is a vibrant centre of rigorous creative practice, encompassing architecture, design and fine art integrated with traditional scholarship. MADA advocates the essential role of creative practice in quality of life and proposes and develops models for future communities that are culturally enriched and environmentally sustainable.

The faculty comprises 105 FTE staff (78 teaching and/or research and 32 professional) and more than 2,000 enrolled students. To learn more about MADA, please visit our website: www.monash.edu/mada

MADA in collaboration with the Monash Sustainable Development Institute, other Monash Faculties, Stanford and Emory Universities in the United States is leading a 5-year interdisciplinary research project funded by the UK-based philanthropic group The Wellcome Trust and the Asian Development Bank. The Project will undertake water sensitive revitalisation of 26 urban slums across Indonesia and Fiji by bringing together researchers from architecture, medicine, engineering, urban design, science and social science disciplines, as well as a range of national and international industry and NGO partners. The project, titled Revitalising Informal Settlements and their Environments (RISE), will deploy a novel water-sensitive revitalisation approach and examine its environmental and human health benefits. This approach to slum revitalisation addresses the entire water cycle using decentralised, nature-based green infrastructure and housing improvements to bolster resilience and provide safe water, sanitation, flood protection and environmental stewardship. The project team will work closely with local communities to develop the research, design, delivery and building of local capabilities of this revitalisation approach. Please click here, for more information on RISE.

Position purpose

The Senior Project Architect / Engineer is responsible for overseeing and delivering high-quality design services to support the operations of the Informal Cities Lab (ICL) with a focus on the RISE Project. The Lab undertakes design-based research within the conditions of informality in developing cities. With a focus on the Asia-Pacific, the unit works collaboratively with interdisciplinary teams and international development stakeholders at the intersection of academic research and international development.

The Senior Project Architect / Engineer performs a range of significant and complex design activities that play a critical role in supporting the delivery of a number of program outcomes. This includes overseeing and undertaking design work including exploratory studies and preparing detailed design project proposals under the themes:

- Water Sensitive City systems including water sensitive urban design and integrated water management
- Integrated Urban design and architecture strategies and processes that can be replicated and up-scaled in informal settlement contexts.

Reporting Line: The position reports to the Head of the Department under general direction

Supervisory Responsibilities: Not applicable

Financial delegation: Not applicable

Budget responsibilities: Not applicable

Key responsibilities

1. Lead the technical production of drawing packages on tight timeframes

2. Develop and oversee the delivery of high-quality designs and design methodologies for the RISE Project including co-design frameworks, data analysis and reporting to meet project objectives, timeframes, protocols and regulatory compliance requirements

3. Provide specialist and technical input to RISE Project staff, including in-country teams and other stakeholders in the project

4. Provide a high-level administration for the RISE Project which may include providing advice on, and supporting; technical procedures, reports and data analysis

5. Provide support for budget management for the RISE Project, where required, including planning and developing budget reports

6. Build and sustain partnerships, collaborations and networks with clients, relevant research bodies and service providers

7. Building network by regularly meeting with research partners and partner organisations, industry bodies, and professionals from other disciplines including health and ecology

Key selection criteria

Education/Qualifications

1. The appointee will have:

   - A degree qualification in architecture, civil engineering or landscape architecture with extensive relevant industry experience, and
   - professional accreditation / registration in their field; or
   - an equivalent combination of relevant experience and/or education/training

Knowledge and Skills

2. Demonstrated skills in the production of design and construction documentation packages

3. Knowledge of construction and demonstrated construction supervision experience

4. Strong graphic skills with and fluency in the following software: AutoCAD, Rhino, Adobe Creative Suite and abilities in 3D rendering and visualisations

5. Demonstrated project management skills, with a proven record of successfully supporting projects through to completion

6. Highly-developed self-motivation, with organisational skills and ability to work within deadlines

7. Demonstrated ability to work as an effective member of a team as well as the ability to exercise high levels of independence, judgement and self-direction

8. Demonstrated analytical and problem solving skills and the ability to identify and recommend solutions to design and delivery challenges

9. Highly-developed interpersonal and communication skills and the ability to present clearly

10. Demonstrated experience in relationship management and consulting skills, including the ability to interact with, negotiate with and gain co-operation from internal and external stakeholders

11. Creative and inquisitive approach to design tasks and problem solving

12. Professional experience in developing country settings

Other job-related information

- Travel to other campuses of the University will be required
- Periods of international travel will be required
- There may be a requirement to work additional hours from time to time
- There may be peak periods of work during which taking of leave may be restricted

Legal compliance

Ensure you are aware of and adhere to legislation and university policy relevant to the duties undertaken, including: Equal Employment Opportunity, supporting equity and fairness; Occupational Health and Safety, supporting a safe workplace; Conflict of Interest (including Conflict of Interest in Research); Paid Outside Work; Privacy; Research Conduct; and Staff/Student Relationships.