NAVIGATING CULTURE
The Story of Patyegarang

Public Art for Marrickville Library and Community Spaces

PLUMMER & SMITH
I have read, understood and fully informed myself of the contents, requirements and obligations of this Request for Quotation, and submit this Quotation for the End to End solution for the management and validation of Supplier compliance.

Plummer & Smith
Upstairs, 85 Main Street, Murwillumbah
New South Wales, 2484
PO Box 204, Murwillumbah, NSW 2484

Belinda Smith
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02 6672 8250
ABN 92569337083
Registered for GST
Creative

Plummer & Smith will be collaborating with Professor Jakelin Troy through workshops and consultation to develop the cultural detail of this artwork.

Belinda Smith’s work is site and project specific. Drawing upon cultural and environmental context, materials, fabrication and content are intertwined to inform outcomes. Belinda has successfully completed a number of public art projects including Faraway Here, Helensvale Library and Community and Cultural Centre; This Noble Tree, Toowoomba Regional Library; Made of Stars, Byron Central Hospital; and One Lux, Chengdu, China.

Cultural

Professor Jakelin Troy is a Ngarigu woman of the NSW Snowy Mountains. She is the Director of the Aboriginal and Torres Strait Islander Research within the Office of the Deputy Vice-Chancellor Indigenous Strategy and Services at the University of Sydney.

Nardi Simpson is a Yuwaalaraay woman. Nardi is a musician, storyteller and educator with ongoing experience in workshops and opportunities that share and maintain her culture and language.

Joel Davison is a Gadigal man. He is a language and culture educator.

Fabrication

Urban Art Projects will be engaged to construct and install the artwork. UAP collaborates with architects and designers as well as artists. They provide expertise and experience working alongside other creative disciplines for over twenty years.

Plummer & Smith have worked with UAP for over 10 years to produce artworks for the public realm including One Lux and This Noble Tree.

Full capability Statement attached with submission.
Navigating Culture – the story of Patyegarang

The Site
The Library - A meeting place where curiosity and knowledge intersect.
Significantly this artwork opportunity for the new Marrickville Library is at the junction at Lilydale Rd and Marrickville Rd – a meeting point in the architecture.
This artwork proposal for the Lilydale corner will explore overlapping and shared knowledge systems of linguistics and astrological observations between Aboriginal and European cultures. The story of Patyegarang and her sharing culture and language with Lt William Dawes provides the context and backdrop to this artwork. The result of their friendship and mutual curiosity is a document that is believed to be the earliest recording of the Sydney Language.

Patyegarang
In a time of colonial invasion a young woman, Patyegarang, befriended a British officer, Lt William Dawes, who was commissioned to establish the first observatory in the new colony. She began to share her language and culture and to learn to read, speak and write English. Learning and sharing language is one of the most effective ways of understanding between two people. It requires a mutual curiosity, respect, and patience to navigate the confusion and mistake making of the early stages. Their friendship is a beacon of how respect, friendship and generosity can enrich our lives as humans. Their legacy is an example of a positive path to understanding each other.

Astronomy
Looking at the sky for understanding is a knowledge system honed and practiced by both Aboriginal and Western Cultures but with rather different purposes and outcomes. European discovery of Australia and the subsequent arrival of the First Fleet happened in a time when western cultures were only just mastering the rhythms and patterns of the sky. The timekeeping systems of longitude and latitude where established at this time and are still used today. Lt Dawes had navigational skills as an astronomer and he was commissioned to become the Colony’s time keeper with a key task to set up an observatory for recording the movements of the night sky. Patyegarang’s people had been using the stars to understand and predict resources and for navigational and time keeping means over thousands of years. This understanding was shared through oral tradition – story telling. These stories connect land and sky to make sense of the Earth; it’s mysteries, creation and cycles.

Language
Humans have recorded language for many thousands of years. In places such as Europe and the Middle East where cultures and civilisations have undergone considerable change even the earliest forms of these documents have provided future civilisations with information about everyday life, conflict and culture. The Aboriginal people are one of the longest continual cultures on the planet. While art and artefacts have been a strong visual record, story telling and their enduring culture of oral traditions is one of remarkable durability. It has only been in the last 200 years since British invasion that these traditions have been weakened and in some cases become dormant. Dawes’ journals were rediscovered in England in the 1970’s and with this discovery came a new narrative of Australian history and a precious record of words, language and human connection.

Reference
The Sydney Language
1993, Jakelin Troy

The first time I spoke in my own language I broke down and wept
2015 Professor Jakelin Troy The Guardian

Stories from the sky: astronomy in Indigenous knowledge
2014 Duane Hamacher, The Conversation

The astronomy of the Kamilaroi and Euahlayi peoples and their neighbours
2014 Robert S Fuller, Macquarie University, Australian Aboriginal Studies
The Artwork

The Lilydale corner provides an opportunity for the artwork to engage with the corner detail of the architecture and have two elements that meet at the junction. The artwork makes use of star maps of the southern hemisphere and the terms used by the Eora people to describe the night sky, bringing together the shared knowledge systems of astronomy and language. The features described by them are familiar to all, such as constellations and moon variations. This familiarity reminds us that we are all humans under one wonderful sky. I imagine that many of these words were shared between Patygarang and Dawes.

The wall facing Marrickville Road will be a simple partial circle perforated with a pattern that represents the star maps of the southern hemisphere. The night sky pattern will be developed through a community workshop with the Eora community. The Lilydale Road facade will feature words of astronomy as published in *The Sydney Language* by Professor Jakelin Troy. Consultation with Professor Troy will refine the content of words from the Sydney language.

The artwork will be fabricated from laser cut stainless steel sheet, to be softly polished to reflect the local environment. The two elements will gently connect at the building junction. Offset from the wall the artwork will be enhanced by shadow during the day and with lighting designed to back light at night. (lighting quote provided in addition to this proposal)

It is my intent that the Sydney language is given a prominent, public and permanent presence in this location in acknowledgment of the country on which the library stands and in respect to the Eora people. It is proposed that a publication be held within the library that explains the artwork and provides the community with a reference of the local language.
The Artwork

Proposed detail
Stainless steel sheet (4mm), Laser cut and mirror polished
Starmap to be internally lit, text to be backlit from the edge only

Preliminary wordlist

<table>
<thead>
<tr>
<th>The Sydney language</th>
<th>English translation</th>
</tr>
</thead>
<tbody>
<tr>
<td>minak</td>
<td>darkness</td>
</tr>
<tr>
<td>darraburra</td>
<td>daylight</td>
</tr>
<tr>
<td>yanada</td>
<td>moon</td>
</tr>
<tr>
<td>marri yanada</td>
<td>full moon</td>
</tr>
<tr>
<td>yanada bura</td>
<td>setting moon</td>
</tr>
<tr>
<td>yanada barragi</td>
<td>new moon</td>
</tr>
<tr>
<td>garagula</td>
<td>ebb tide</td>
</tr>
<tr>
<td>baragula</td>
<td>flood tide</td>
</tr>
<tr>
<td>duruga</td>
<td>falling star</td>
</tr>
<tr>
<td>mulumulu</td>
<td>falling starts in cluster</td>
</tr>
<tr>
<td>warrawal</td>
<td>Milky way</td>
</tr>
<tr>
<td>buduwanany</td>
<td>magellanic cloud</td>
</tr>
<tr>
<td>galgalyung</td>
<td>big magellanic cloud</td>
</tr>
<tr>
<td>ngarangalyong</td>
<td>small magellanic cloud</td>
</tr>
<tr>
<td>dhungagil</td>
<td>Orion’s belt</td>
</tr>
<tr>
<td>mulumulung</td>
<td>Pleides</td>
</tr>
<tr>
<td>birng</td>
<td>stars</td>
</tr>
<tr>
<td>guwing</td>
<td>sun</td>
</tr>
<tr>
<td>dyarra murrarna guwing</td>
<td>setting sun</td>
</tr>
</tbody>
</table>
Indicative view of artwork on the Lilydale Road Corner - Polished stainless steel reflects the sky and local environment.

Artwork - Concept proposal

Proposed materials

- Soft polished stainless steel

astrological terms of the Eora people

star map interpretation

Effect of night time lighting (not included in budget)
**Workshop 1**

**Language and cultural workshop** - it is an opportunity for the cultural advisory team to meet and discuss the project. Participants for this workshop are Belinda Smith, Professor Troy, Nardi Simpson, Joel Davison and a representative from Inner West Council.

<table>
<thead>
<tr>
<th>WORKSHOP I</th>
<th>Language and Culture Workshop</th>
</tr>
</thead>
<tbody>
<tr>
<td>DATE OF WORKSHOP</td>
<td>TBA 1/2 day</td>
</tr>
<tr>
<td>WORKSHOP FACILITATORS</td>
<td>Belinda Smith</td>
</tr>
<tr>
<td>PURPOSE</td>
<td>To share knowledge and culture specific to the project and create a plan for Workshop II</td>
</tr>
</tbody>
</table>
| OUTCOMES | • select a group of words that describe elements of the night sky in The Sydney Language  
• create a plan for undertaking Workshop II including roles and responsibilities, invited participants and planned outcomes |
| PARTICIPANTS | Professor Jakelin Troy  
Nardi Simpson  
Joel Davison  
Inner west Council Representatives - Victoria Johnstone and Rebecca Carrol |
| VENUE | TBC |
| MATERIALS & EQUIPMENT | |
| RESPONSIBILITIES OF FACILITATORS | • to share knowledge to enable all participants to understand the narrative surrounding the artwork  
• provide feedback and advice on engaging with the local community |
| INSURANCE | NA |
| OH&S | NA |

words and script to be refined through Workshop 1
Workshop 2

Mark Making Gathering is a workshop that gives members of the community an opportunity to be directly involved in the project outcome.

Led by Belinda Smith and Nardi Simpson, participants would be invited to apply marks to a surface that will then be transferred/interpreted into the finished stainless steel element representing the stars in the night sky.

This workshop will involve participants working as a group to make perforations into paper using fire (or pointed impements if fire is not practical). The process of making perforations will give an immediate result encouraging the group to make marks thoughtfully and to see the outcomes in real time.

When the artwork is complete and installed at Patyegarang Place the community will see the results of their input in permanence.
Project Plan

*Phase 2 - Part 1*
Design Development

- Workshop 1 - Professor Troy, Nardi Simpson and Joel Davison to refine the vocabulary of the astrological terms and advise on Workshop 2.
- Workshop 2 - *Mark Making* workshop with Eora community. Night sky/astrological pattern to be marked out by participants of workshop.
- Artist to discuss design of artwork with Inner West Council’s project team to ensure co-ordination of outcomes and timelines.

**Deliverables**
- artist to supply design development for review and approval

**Timeline**
- approximately 6-8 weeks

*Phase 2 - Part 2*
Documentation

- Digitise patterns and text for supply to fabricator for laser cutting
- Artist to detail and document artwork in co-ordination with UAP and client team

**Deliverables**
- artist to supply documentation for review and approval

**Timeline**
- approximately 8-12 weeks

*Phase 3*
Fabrication and install

- UAP to manage all aspects for fabrication and install. All Work Health and Safety obligations are undertaken by UAP
- Artist to liaise with UAP and Inner west Council throughout this phase to ensure artwork outcomes are as per approved documentation

**Deliverables**
- artwork installed

**Timeline**
- 12-18 weeks
- Artwork Installed July 2018
Belinda Smith

**PLUMMER & SMITH** is a design studio working at the interface of art and landscape. The studio is concerned with how art and landscape architecture can draw out, facilitate, and express social, environmental, and cultural connections to place.

The studio was founded in 2012 by landscape architect, Dan Plummer and artist, Belinda Smith - a cross discipline and collaborative partnership. We apply rigorous creative thinking, deliberately crafting outcomes specific to each site and project.

The studio has established a broad cross range of projects and clients, regularly working with local government and private clients. We are proud to have commissioned work locally, nationally and internationally.

**Belinda Smith** has worked in the field of public art since 2004. Coming from a background in interior and product design the process of translating art into the public realm ignited a spark in her. She is driven by opportunities to form a site responsive creative vision and forging collaborative relationships with projects teams and the artisans and craftspeople that make her work.

Of particular interest is our connection with our environment, anthropology and craft practices. Her respect for workmanship, materiality and sustainable practice has a strong influence on the development of Belinda's work.

Belinda co-founded Plummer and Smith in 2012 with her partner, Landscape architect, Dan Plummer.

**Education**

- Royal Melbourne Institute of Technology 1996-97
  - Diploma of Arts – Interior Design
- Queensland College of Art 2002-04
  - Bachelor of Design, Product Design

**Public Art Commissions**

- **Resident**
  - Habitat, Byron Bay 2017
- **Made of Stars**
  - Byron Central Hospital 2016
- **This Noble Tree**
  - Toowoomba City Library and Civic Square 2016
- **One Lux**
  - Taikoo Li - Chengdu China 2015
- **Lanterns**
  - Gold Coast Chinatown Lanterns 2015
- **Faraway, Here**
  - Helensvale Library and Community and Cultural Centre, Gold Coast City Council, 2013
- **River Catch**
  - Upper Coomera Community Hub, Gold Coast City Council, 2013
- **Cumulus**
  - Marina Bay Sands, Singapore Bates Smart, 2013
- **Rock Hopping**
  - Cabarita Beach, Tweed Shire Council, 2011
- **Garland**
  - Crown Casino, Melbourne Bates Smart, 2010
- **Herd**
  - Urbane Restaurant Brisbane, 2009
- **Substance**
  - Chatswood Chase, 2009
- **Inflorescence**
  - Old Government House QUT Brisbane, 2009
- **Lightness of Air**
  - One Airport Drive, Brisbane Airport Corporation, 2008
- **From the boughs of the fig tree**
  - Mater Mothers Hospital Brisbane, 2008

**Work Experience**

- **2014**
  - Abdul Aziz Gates, Centre for World Culture - Saudi Arabia
  - Sirius Street Architectural Screens - Brisbane
- **2013**
  - Shenyang Wanxiang City, Retail environment Sculptural element concepts UAP Shanghai
  - The Springs, Textile design development UAP Shanghai
  - Ping An Dome, light design UAP Shanghai
  - ShenYaing Hyatt, Screen Patterns UAP Shanghai
- **2012**
  - Kunshan Arts and Culture Centre, Foyer artwork UAP Shanghai
  - Ping An Dome, light design UAP Shanghai

**Urban Art Projects (Lead Designer 2006-2010)**

**Key Design Projects**

- **2009**
  - Chatswood Chase, Colonial First National, Sydney
  - Soul Screen, Juniper Group, Gold Coast
- **2008**
  - Campbell Parade Sundial, Bondi Beach, Waverley Council
  - One Airport Drive, Brisbane Airport Corporation
- **2007**
  - Playscape, Mater Mothers Hospital, Brisbane

**Key Projects assisting Artists (Client interface, Design and Fabrication)**

- **2009**
  - Black Opium Rooms / Fiona Foley - State Library Queensland
  - Darwin Waterfront / Katrina Tyler, Dadang Christanto, Mandy Ridley - NT Govt
  - Cairns Airport / Thanakupi, Alick Tipoti, Daniel Wallwork - Cairns Airport
  - Mackay Q150 Artworks / Fiona Foley - Mackay Council
- **2008**
  - Redfern Park Upgrade / Fiona Foley - City of Sydney
  - Hamilton Northshore / Fiona Foley - Brisbane City Council
- **2007**
  - Reconciliation Place / Judy Watson, Thanakupi, Vic McGrath - National Capital Authority

**EDAW Aecom 2005-2006**

Developed art strategies and integrated art and design proposals for urban and landscape projects. Projects included Caxton Street Pedestrian Bridge, Ipswich Riverheart Parklands and Gateway Upgrade noise walls.

**Professional Experience**

- **NAVA Member since 2013**
- **Flying Arts Alliance Inc Member**
- **Northern Rivers Design Advisory Panel (DAP) - member**
- **Byron Shire Council Public Art Advisory Panel - Community member 2012-2014**
Cultural Advisory Team

**Professor Jakelin Troy** is a Ngarigu woman of the NSW Snowy Mountains. She is the Director of the Aboriginal and Torres Strait Islander Research within the Office of the Deputy Vice-Chancellor Indigenous Strategy and Services at the University of Sydney.

Professor Troy has studied the language of the Eora people for over 30 years and published her paper *The Sydney language* in 1993. Her particular expertise lies in the fields of Australian languages and linguistics, anthropology, visual arts and education.

Major recent projects include developing the Framework for Aboriginal Languages and Torres Strait Islander Languages within the Australian Curriculum – Languages and in collaboration with Dr Adam Geczy and Indigenous academics in Australia and north America she has founded ab-Original: Journal of Indigenous Studies and First Nations’ and First Peoples’ Cultures Penn State Press, first edition due in January 2017.

Publications

*The Sydney Language*, AIATSIS, Canberra, 1994


*Australian aboriginal contact with the English language in New South Wales, 1788 to 1845*, ANU 1990

**Nardi Simpson** is a Yuwaalaray woman. Nardi was born and raised in the Marrickville LGA and is a songwriter, performer and educator. She has a wealth of experience working at University of Sydney, UNSW, Taronga Zoo and the Sydney Festival. She is a member of the Stiff Gins and The Spirit of Things Collective among many other roles.

**Joel Davison** is a Sydney Aboriginal (Gadigal) man who was recently given an opportunity to learn and teach the Sydney Aboriginal language. Drawing from varied experience as part of the education department at the Royal Botanic Gardens and as a web developer at an Indigenous media business, Ngakkan Nyaagu, Joel believes that language is a strong component of a wholesome understanding of Aboriginal culture, heritage and history.
ABOUT UAP
BACK THEN, HERE & NOW

UAP collaborates with emerging and established artists, architects and designers to deliver creative outcomes for the public realm. The company is acknowledged as a leader in the field of public art and design solutions with an impressive list of awards and clients on a global scale.

Established in 1993 by Matthew and Daniel Tobin as Urban Artists then re-named Urban Art Projects in 2000, the practice has grown significantly to offer an international service for creative projects working with clients worldwide.

With over 140 staff, UAP have studios in Brisbane, Shanghai and New York and regional hubs in Melbourne, Singapore, Shenzhen and in the Middle East. UAP has delivered projects in Australia, China, North America, Southeast Asia and the Middle East engaging in all aspects of the delivery process from commissioning & curatorial services, through concept generation & design development right into fabrication and installation.

UAP offers a unique turn-key approach to commissioning large-scale artwork and creative design solutions, providing low-risk solutions for clients through our company’s three streams of STUDIO, FACTORY and SUPPLY.

UAP takes pride in embracing uncommon creativity and extending creative practice.

UAP STUDIO
With in-depth experience of governments’ Public Art Policies, the Curatorial Team develop Public Art Master Plans and Strategies, set public art visions and source and assist selection of artists for site specific and innovative public art. Moreover, the team are like-minded creatives & makers who can be trusted to craft and fabricate any artist’s concepts.

UAP FACTORY
Working closely with architects and developers to assist the design and construction of their visionary designs, the project team works collaboratively to realise unique architectural elements such as façades, foyers, interiors etc. We interrogate, investigate and build collaboratively.

UAP SUPPLY
From custom designed street furniture and playscapes to standard ranges, UAP SUPPLY produces distinctive furniture and functional objects for the urban environment.

“WE OFFER A UNIQUE TURN-KEY APPROACH TO COMMISSIONING LARGE-SCALE ARTWORK & CREATIVE DESIGN SOLUTIONS, PROVIDING LOW-RISK SOLUTIONS FOR CLIENTS”

TEAM RESUMES

1. Founders Matthew + Daniel Tobin at the UAP Brisbane Studio
2. Florentijn Hofman at UAP Shanghai workshop
3. Judy Watson with UAP design team in the Brisbane workshop

Full capability Statement attached with submission
This Noble Tree

Project Description

This work represents the Hoop Pine in its full-scale grandeur. A symbol of the unique landscape of the Toowoomba range and the accumulation of knowledge and culture held within the Library.

Araucaria Cunninghamii, The Hoop Pine, was identified by colonial botanist Allan Cunningham during his explorations in southern Queensland and New South Wales. Extracts of Allan Cunningham’s expedition report to Governor Darling in 1828 adorn the inside of the hoop pine arcs above.

This grand tree can grow to 60 metres tall (the length of this space). These trees can live for 450 years and thus a tree standing today could span our lifetime, Allan Cunningham’s, and beyond to the Gai bald and Jarrowir people.

Materials
Hoop Pine Plywood

Location
Toowoomba Library

Contract Value
$100,000

Date Completed
2016

Client
Toowoomba Regional Council

Referee Contact
Kelly Neill
Principal Project Manager
Project Services
P 07 4688 6906  M 0408 411 391
kelly.neill@tr.qld.gov.au

Fabricator
Urban Art Projects
‘We have calcium in our bones, iron in our veins, carbon in our souls, and nitrogen in our brains. 93 percent stardust, with souls made of flames; we are all just stars with people names.’

Nikita Gill

Located on the edge of the transition between landscape and hospital environment, this garden sculpture looks at the chemistry of the human body and what we share with the world and universe around us.

Materials
Weathered Steel

Location
Byron Central Hospital, Byron Bay NSW

Contract Value
$30,000

Date Completed
2016

Client
New South Wales Health

Fabricator
Metal, Stone and Wood
Rock Hopping is an artwork that celebrates the landscape and the community of Cabarita Beach and Bogangar. The artwork was inspired by the local landscape and memory of summer holidays; rock hopping and discovering the treasures of the coast and the sea among the rock pools and crevices of this beautiful landscape.

The project included collaboration with a local writer, historian and aboriginal artist and drawing workshops with local school children. Writing, drawings and local facts were carved into the surface of a group of 5 shaped basalt stones that reference the geology of the headland.

Materials
Basalt stone

Location
Cabarita Beach, NSW

Contract Value
$25,000

Date Completed
2010

Client
Tweed Shire Council

Referee Contact
Robert Appo
rappo@tweed.nsw.gov.au

Fabricator
Dunn & Sons, stonemasons
Faraway, Here

Project Description

Faraway, Here draws upon the local environment and community context of the Helensvale Library and is integrated with the architecture creating a seamless, thoughtful and identifiable placemaking elements in the urban landscape. This artwork was nominated for the Art and Architecture Award for the Queensland Architecture Awards 2014 by Lahz Nimmo Architects.

A host of bird species fly, every year, from the far reaches of the planet to Helensvale’s local wetlands. They gather in commune to rest and nest. In a similar way stories, knowledge and ideas from every corner of the globe gather in the library for all to access. Libraries are truly inclusive places and Faraway, Here celebrates the freedom symbolised by birds, books and knowledge.

Materials
Custome porcelain tiles

Location
Helensvale Library

Contract Value
$125,000

Date Completed
2010

Client
Gold Coast Council

Architect
Lahz Nimmo

Fabricator
Urban Art Projects
**One Lux**

**Project Description**

One Lux = the light cast by the moon on a clear night. Humanity has lit their world to such extremes that in many densely populated cities we have lost sight of the moon and stars altogether.

A constructed moon, suspended between buildings reminds us not to forget the scale of our existence and our place in the universe. The pattern has developed through observing imagery of the surface of the moon (and the moon itself) and how the moon (a spherical mirror) might be reflecting the stars of the universe.

**Materials**

Stainless Steel

**Location**

Sino-Ocean Taikoo Li Chengdu, China

**Contract Value**

$120,000

**Date Completed**

2015

**Fabricator**

Urban Art Projects
Referee Contacts

Kelly Neill
Principal Project Manager
Toowoomba Regional Council
Project Services
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kelly.neill@tr.qld.gov.au

Robert Appo
Aboriginal Development Officer
Tweed Shire Council
rappo@tweed.nsw.gov.au