



Warringah Council

Application For Construction Certificate

Made under the Environmental Planning and Assessment Act 1979
(Sections 109C(1b), 81A(5) and 109F)

Address the application to:

The General Manager
Warringah Council
Civic Centre, 725 Pittwater Rd
Dee Why NSW 2099

Or

Customer Service Centre
Warringah Council
DX 9118 Dee Why

If you need help lodging your application:

Phone our Customer Service Centre on (02) 9942 2111 or come in and talk to us

To lodge your application:

Phone quality application checker on 9942 2749 to make an appointment

Office Use Only

CC2011/0086

DA2009/1659

June 09

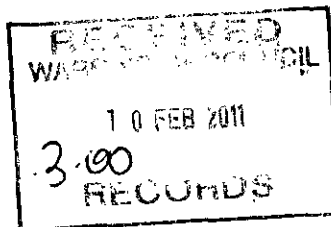
For applicable fees and charges, please refer to Council's website: www.warringah.nsw.gov.au or contact our Customer Service Centre.

Privacy and Personal Information Protection Notice

The personal information requested in this form is required by or under the Environmental Planning and Assessment Act 1979 and will only be used by Warringah Council in connection with the requirements of that Act and any other relevantly applicable legislation relating to the subject-matter of this application. The information is being collected for the following purposes, namely, to enable us to (1) process and determine your application; (2) contact you in relation to your application should that be necessary; and (3) keep the public informed by making the application publicly accessible. If you do not provide the information, Council will not be able to process your application, and your application will be rejected.

Your application will be available to Councillors and Council Officers. Members of the public have certain rights of access to information and documents held by Council under the Freedom of Information Act 1989 (NSW), s.12 of the Local Government Act 1993 (NSW), and under the Privacy and Personal Information Protection Act 1998 (NSW) to the extent permitted by those Acts.

Warringah Council is to be regarded as the agency that holds the information, which will be stored on Council's records management system or in archives and may be displayed on DAs Online (except as regards to personal particulars). You have a right to access information within the meaning of the Privacy and Personal Information Protection Act 1998 (NSW) on application to Council and to have that information updated or corrected as necessary. Please contact Warringah Council if the information you have provided is incorrect or changes or if access is otherwise sought to the information. In addition, a person may request that any material that is available (or is to be made available) for public inspection by or under the Local Government Act 1993 (NSW) be prepared or amended so as to omit or remove any matter that would disclose or discloses the person's place of living if the person considers that the disclosure would place or places the personal safety of the person or of members of the person's family at risk. Any such request must be made to Council's General Manager: see s.739 of the Local Government Act 1993 (NSW).



PART 1 Site Details

1.1 Location of property

We need this to correctly identify the land.

Unit no.

House no.

Street **NOLAN RESERVE**

Suburb

REFER TO ATTACHMENT 1.

Property description (e.g. Lot/DP, etc)

1.2 Description of work

Please describe briefly everything that you want approved by the Council, including signs, hours of operation, use, subdivision, demolition etc.

Type

Building Work

Subdivision work

CARRYING OUT OF WORKS

THE INSTALLATION OF SPORTS FIELD LIGHTING

FACILITIES AT NOLAN RESERVE FOR

STAGE ONE - FIELDS 1, 2 & JUNIOR FIELD 1.

1.3 Estimated cost of work

Must be signed

The estimated cost of development or contract price is subject to a check by Council before final acceptance.

Estimated cost of work

Council reserves the right to seek justification of the estimated cost from the applicant or by an appropriately qualified person.

~~\$200,000~~ **\$170 045 (excl. gst)**

\$200,000 (Based on tender Price ~~100%~~ (contingency)).

LIA SKOUNTZOS - SENIOR PROJECT OFFICER, W.C.
NIO K.

NAME (printed), & qualification SIGNATURE of qualified person certifying value of work

REFER TO ATTACHED QUOTE FOR WORKS.

1.4 Development consent

Consent number

DA (Year) **2009** / (Number) **1659**

Date of determination

11 May 2010

1.5 Building Code of Australia

BCA classification

N/A

This information is nominated on your development consent.

1.6 Builder details

If known. To be completed in the case of residential building work.

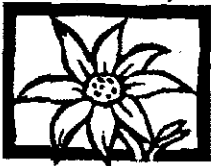
Name

N/A

Licence number

Or

Owner-builder permit



Construction Certificate Checklist

REQUIRED

SUPPLIED

DEVELOPMENT CONSENT COMPLIANCE STATEMENT (2 copies)

An itemised statement of compliance with all relevant conditions of your development consent. The conditions of your development consent will specify what additional information is required to lodge a construction certificate application.

YES NO - WHY NOT

PLANS (2 copies)

Plans must be drawn to scale and the scale identified on each plan. Free hand, single line or illegible drawings will not be accepted. Two coloured copies of all plans must be submitted with your application

The following information should be included on all plans and documents:

- Applicant(s) name(s), block/house/shop/flat number, street/road name, town or locality
- Lot number, section number, DP number. (Found on rates notice or land title)
- Measurement in metric
- The position of true north
- Building, or parts of building, to be demolished to be indicated in outline
- Draftsman/Architect name and date
- Coloured on elevations/sections

SURVEY PLAN (2 copies)

Information should include:

- Plan to scale
- Plan to show all existing structures
- Plan to show all trees greater than 5m in height and/or 3m in canopy spread. The exact location of any such tree, the relative level (RL) at its base and its height and canopy spread.
- Location/position of all buildings/structures on adjoining land (showing street number and street address) and ridge heights of those buildings or structures at the boundary
- Show the levels of the lowest floor, and of any yard or unbuilt area belonging to that floor, and the levels of the adjacent ground
- Levels – contour and spot levels (drawn at Australian Height Datum)
- Easements and rights of way (Council and private)

SITE PLAN (2 copies)

A site plan is a birds-eye view of the existing and proposed development on the site and its position in relation to boundaries and neighbouring developments.

A site plan should include:

- Drawings to scale
- Location of the new and existing buildings in relation to site boundaries
- Location/position of all buildings/structures on adjoining land (showing street number and street address)
- Location of any existing and proposed fences and landscaping features such as swimming pool, retaining walls, paved areas and driveways
- Relative location of adjoining building
- Location of any adjoining owner windows facing your development
- Levels – contour and spot levels
- Easements and rights of way including common or party walls
- Existing stormwater drainage location

REQUIRED**SUPPLIED**

YES NO - WHY NOT

SITE PLAN Cont.

- Location of vehicle access and car parking (indicating extent of cut and fill and gradients). Engineering details may be required
- Locality boundaries if multiple localities apply
- Site safety and security fencing during construction

Measurements including:

- Length, width and site area of land, both existing and proposed
- Width of road reserve
- Distance from external walls and outermost part of proposed building to all boundaries
- Approximate distance from proposed building to neighbouring buildings

SUBDIVISION, DRAINAGE AND ROADWORKS (2 copies)

If you are going to carry out work to do a subdivision (eg building roads or a stormwater drainage system):

- The details of the existing and proposed subdivision pattern (including the number of lots and the location of roads)
- The details of the consultation you have carried out with the public authorities who provide or will increase the services you will need (like water, road, electricity, sewerage)
- The existing ground levels and the proposed ground levels when the subdivision is completed
- Copies of any compliance certificates on which you rely
- Detailed engineering plans (3 copies). The detailed plans might include the following:
 - Earthworks
 - Roadworks
 - Road pavement
 - Road furnishings
 - Stormwater drainage (including on-site detention works/ water quality control ponds)
 - Water supply works
 - Sewerage works
 - Landscaping works
 - Construction
 - Management run
 - Traffic management plan
 - Soil and water management plan
 - Stormwater or on-site detention drainage plans in accordance with Council's "on-site stormwater detention specification" IIsax or drains model

 FLOOR PLAN (2 copies)

A floor plan is a birds-eye view of your existing and/or proposed layout of rooms within the development. Floor plans should include:

- Drawings to scale
- Outline of existing building/development on site (shown dotted)
- Room names, areas and dimensions
- Window and door locations and sizes
- Floor level and steps in relative levels (RLs)
- Access for persons with a disability (if in a new public building)
- Location of plumbing fixtures (where possible)
- Wall structure type and thickness

REQUIRED**SUPPLIED****ELEVATION PLAN (2 copies)**

Elevation plans are a side on view of your proposal. Drawings of all affected elevations (north, south, east and west facing) of your development need to be included in your application. Elevation plans should include:

- Drawings to scale
- Outline of existing building/development on site (shown dotted)
- Location/position of all buildings/structures on adjoining land (showing street number and street address)
- Exterior cladding type and roofing material/colour
- Window sizes and location
- Stormwater drainage pipes (downpipes and gutter)
- Chimneys, flue exhaust vents, duct inlet or outlet
- Reduced levels (AHD) for ridge and floor as a minimum

YES NO - WHY NOT

 SECTION PLAN (2 copies)

A section is a diagram showing a cut through the development at the most typical point. Sections should include:

- Drawings to scale
- Outline of existing building/development on site (shown dotted)
- Section names and where they are shown on plan (ie A/A B/B etc)
- Room names
- Room and window heights
- Details and chimneys, fire places and stoves
- Roof pitch and covering
- Site works, finished and proposed floor and ground levels in relative levels (RLs) (indicate cut, fill and access grades)
- Stormwater or on-site detention drainage plans in accordance with Council's "on-site stormwater detention specification" IIsax or drains model

 SPECIFICATIONS AND STRUCTURAL DETAILS (2 copies)

A specification is a written statement that should include as a minimum:

- The construction of the building to specific BCA standards and materials to be used
- Type and colour of external finishes
- Whether the materials will be new or second-hand, and if second-hand materials are to be used, particulars
- The method of drainage, effluent disposal and provision of water supply
- Any other details relevant to the construction of the building

Note: Three copies of the specification must be supplied

 ADVERTISING STRUCTURE/SIGN (2 copies)

If you are planning to erect an advertising structure or sign, you will need to supply the following:

- Details of the structure, materials to be used and how it will be fixed to the building
- Its size, colours, lettering and overall design
- The proposed location shown on a scale plan and building elevation
- The amount and extent of light spill

 FIRE SAFETY MEASURES SCHEDULE (2 copies)

- Proposed alterations to existing building (BCA Classes 2 to 9) to be accompanied by a fire safety measures schedule listing all existing and those proposed to be installed in the building including the standard of performance
- For a new development (BCA Classes 2 to 9) a fire safety measures schedule listing all those proposed to be installed including the standard of performance

REQUIRED**SUPPLIED**

YES NO - WHY NOT

 RESIDENTIAL FLAT BUILDINGS - DESIGN VERIFICATION

Provide a design verification from a qualified designer in which the development application was required under clause 50(1A) of the Environmental Planning and Assessment Act, 1979. The design quality principles are set out in Part 2 of State Environmental Planning Policy No. 65 'Design Quality of Residential Flat Developments.'

 HOME BUILDING ACT REQUIREMENTS

In the case of an application for a construction certificate for residential building work (within the meaning of the Home Building Act 1989) attach the following:

In the case of work by a licensee under the Act:

- A statement detailing the licensee's name and contractor licence number
- Documentary evidence that the licensee has complied with the applicable requirements of the Act

In the case of work done by another person:

- A statement detailing the person's name and owner-builder permit number
- A declaration signed by the owner of the land, to the effect that the reasonable market cost of the labour and materials involved in the work is less than the amount prescribed for the purposes of the definition of owner-builder work in section 29 of the Act

A certificate purporting to be issued by an approved insurer under Part 6 of the Home Building Act 1989 to the effect that a person is the holder of an insurance contract issued for the purposes of that Part, is sufficient evidence that the person has complied with the requirements of that Part.

 BASIX CERTIFICATE (2 copies)

Applies to Classes 1, 2 and 4. A Basix certificate is required for all residential new dwellings and alterations and additions to residential dwellings, swimming pools and spas exceeding prescribed value.

Where a DA has been issued without a Basix certificate, the following must be provided:

- Submission of the Basix certificate and assessor certificate (when simulation method is being used)
- Details of commitments in the Basix certificate shown on plans and specifications

ENERGY EFFICIENCY (Section J, Building Code of Australia)

Applies to Classes 3 and 5 to 9 buildings. Details of commitment to be shown on plans and specifications.

FIRE SAFETY

Class 1a building must show the location of all hard-wired smoke alarms.

Class 2 to 9 building, please provide:

- Existing and proposed Fire Safety Schedules
- Plans showing detail and location of the essential fire services
- Where an alternative solution is being used, provide details of the performance requirements that the alternative solution is intended to meet (2 copies)
- Detail of assessment methods used to establish compliance "deem to satisfy"
- Evidence of accreditation, component, process or design that is to be relied upon as part of the proposed work. The list must describe the extent, capabilities and basis of the design of each of the measures
- The submission of alternative solutions must be submitted by a Level 1 (unconditional) accredited certifier

ATTACHMENT 1

PART 1 CC APPLICATION DETAILS

1.1 Location of Property

Nolan Reserve

Lots

Part Lot 2743	DP752038	Campbell Pde & Condamine St, North Manly
Lot 2762	DP752038	Lot 3 Campbell Pde, North Manly
Lot 1	DP723586	Pittwater Rd & Condamine St, North Manly
Lot 1 to 17	DP1125336	Pittwater Rd, North Manly
Lot 12 to 24, Part Lot 25, Lot 26 to 28 Sec A	DP5857	9990 Pittwater Rd, North Manly
Lot 1	DP449244	Pittwater Rd, North Manly

ATTACHMENT 2

PART 3 OWNERS CONSENT

Please refer to attached letter.



**Warringah
Council**

Civic Centre 725 Pittwater Road
Dee Why NSW 2099
DX 9118

Telephone (02) 9942 2111
Facsimile (02) 9971 4522

Website www.warringah.nsw.gov.au
Email council@warringah.nsw.gov.au

7 January 2011

Scot Hedge
A / Team Leader Parks Reserves and Foreshores
Warringah Council
725 Pittwater Road
DEE WHY NSW 2099

Dear Mr Hedge,

Re: Owners Consent to lodge CC Application for the installation of Sportsfield Lighting – Stage One at Nolan Reserve.

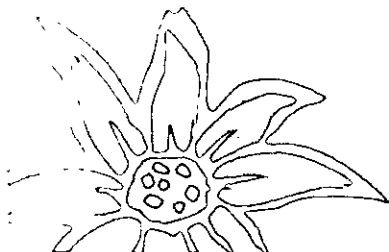
Land information:

Part Lot 2743	DP752038	Campbell Pde & Condamine St, North Manly,
Lot 2762	DP752038	Lot 3 Campbell Pde, North Manly
Lot 1	DP723586	Pittwater Rd & Condamine St, North Manly
Lot 1 to 17	DP1125336	Pittwater Rd, North Manly
Lot 1	DP449244	Pittwater Rd, North Manly
Lot 12 to 24, Part Lot 25, Lot 26 to 28 Sec A DP5857 9990 Pittwater Rd, North Manly		

I hereby grant owners consent under delegated authority of Warringah Council for the lodgement of a construction certificate application for the installation of sportsfield lighting at Nolan Reserve.

Yours faithfully

Michael Keegan
Manager Parks Reserves and Foreshores



Task Transaction

Work System: Warringah Council Operational Works Syst
 Task Nbr: Nolans Reserve Sportsfield Lighting
 Resource Group Code: Adjustment by Finance
 Resource Code: Other Internal Inc

Search:
 Retrieve
 Saved Search

Drag a column header here to group by that column

Period	Document Date	Document Reference	Source	Trans Type	Resource Group Code	UOM	Units 1	Unit Rate	Amount 1	Cost Ledger	Cost Account	Bill Date	Bill Period	Bill UOM	Bill Units	Bill T
8	10/02/2011	WJ00093	GL	Actual	CAPEX	each	0.000000	0.00	1,727.27	11AMACT	CN44599508				0	0.000000

CONSTRUCTION CERT.

8	0.000000	0.00	1,727.27	0	0.000000	0.0
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[Cost Transaction Details](#)
[Billing Transaction Details](#)
[View Bill Details](#)

Task Transaction

Work System: Warringah Council Operational Works Syst
 Task Nbr: Nolans Reserve Sportsfield Lighting
 Resource Group Code: Adjustment by Finance
 Resource Code: Contract Services

Search:
 [Retrieve](#)
[Saved Search](#)

Drag a column header here to group by that column

Period	Document Date	Document Reference	Source	Trans Type	Resource Group Code	UOM	Units 1	Unit Rate	Amount 1	Cost Ledger	Cost Account	Bill Date
8	10/02/2011	WJ00093	GL	Actual	CAPEX	each	0.000000	0.00	595.16	11AMACT	CN44595102	
							0.000000	0.00	595.16			

LONG SERVICE LEVY

[Cost Transaction Details](#)
[Billing Transaction Details](#)
[View Bill Details](#)



**Warringah
Council**

Civic Centre 725 Pittwater Road
Dee Why NSW 2099
DX 9118
Telephone (02) 9942 2111
Facsimile (02) 9971 4522

Telephone
Facsimile

Website
Email

www.warringah.nsw.gov.au
council@warringah.nsw.gov.au

9 February 2011

To Council,

**Re: DA2009/1659
Nolan Reserve Sportsfield Lighting Construction – Stage One
Information required for the Construction Certificate**

Warringah Council's Park Reserves and Foreshores is seeking Construction Certificate approval for the Nolan Reserve Sportsfield Lighting Construction – Stage One. Please find itemised below the information as required for the issue of the CC, as per the above mentioned DA Consent Conditions.

- The construction works for Nolan Reserve Sportsfield Lighting has been separated into two stages of works. Stage One Works will consist of the installation of lighting infrastructure including 6 light poles for the western side of Nolan Reserve covering Fields 1,2 and Junior Field 1. Stage Two Works will consist of the installation of lighting infrastructure including 9 light poles to the eastern side of the Reserve covering the remainder of the Fields.
- The Application prepared for this Construction Certificate includes the following Attachments. Attachment 1 – Location of Property Details, Attachment 2 – Owners Consent Letter.
- The Approved Plans and supporting documentation have been finalised for tender and construction purposes.
- **Compliance with Standards**

Please find enclosed the Electrical Design Statement certifying that the electrical plans / documentation has been prepared in accordance with DA Condition 4.

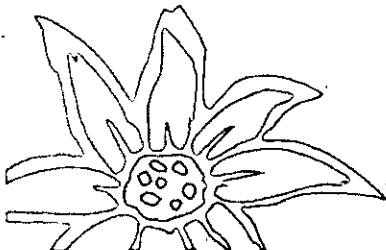
- **Construction Contract Details**

Warringah Council has accepted a tender: RFT2010/137 Nolan Reserve Sportsfield Lighting Construction – Stage 1 for an amount of \$170,045 (excl.gst) from the contractor, SMADA Electrical.

Please find enclosed a copy of the Contractor's Construction Management Program and Price & Payment Schedule for this project.

- **Insurances - Public Liability & Workers Compensation**

Please find enclosed SMADA Electrical's Certificates of Currency for Public Liability Insurance for the amount of \$20,000,000, and Workers Compensation Insurance.



- **CC Application Fee / Long Service Levy**

Payment for CC Application –

Task No. T036341

Journal No.

WJ00093

Amount: \$1900.00 incl.gst

Payment for Long Service Levy –

Task No. T036352

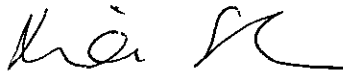
Journal No.

WJ00093

Amount: \$595.16 incl.gst

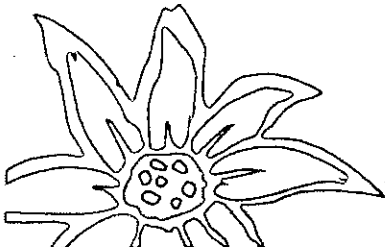
Please find enclosed Task Transaction Details.

Yours faithfully



Lia Skountzos

Senior Project Officer, Parks Reserves and Foreshores





Our Ref: BL-25381

February 7, 2011

Lia Skountzos
Senior Project Officer
Parks Reserves & Foreshores
Warringah Council
55 Middleton Road,
Cromer, NSW, 2099

Dear Madam,

ELECTRICAL DESIGN STATEMENT	
PROJECT: Proposed Flood Lighting Nolan Reserve North Manly NSW 2100	
PROJECT: Proposed Flood Lighting	DATE: February, 2011
Project No: 25381	Total Pages 1 of 1
Type: Reserve (parks)	

Pursuant to the provisions of pertinent Australian Standards,

I Mark Vincent Buckton, (M Des Sc (Building Services)), Master Fire Safety Engineering
Name of employer: Buckton Lysenko Consulting Engineers, endorses that the design has
been carried out according to normal engineering practice and meets the minimum
requirements of the standards as scheduled.

The amendment of the nominated Australian Standards are these applicable at the time of
the CC:

- a) Electrical systems - AS3000:2007 & AS3008.1.1:2009
- b) Lighting systems - AS4282:1997 & AS2560.2.3:2007;

I am an appropriately qualified and experienced person in nominated engineering
disciplines and possess indemnity insurance to the satisfaction of or my principal.

Nominated Plans: Electrical Services:

25381-3-3-E01, 25381-3-3-E02, 25381-3-0-E03, 25381-3-0-E04, 25381-3-0-E06, 25381-
3-0-E07, 25381-3-0-E08, 25381-3-0-E09, 25381-3-0-E10, 25381-3-0-E11, 25381-3-0-
E12, 25381-3-0-E13, 25381-3-0-E14, 25381-3-0-E15, 25381-3-2-E17, 25381-3-0-E18;

Sincerely,
BUCKTON LYSENKO

Mark Vincent Buckton

Schedule 10



Smada Electrical Services
Pty Limited
Electrical Contractors

ABN: 37 094 010 956

16/10 Victoria Avenue
CASTLE HILL
NSW 2154

Tel: (02) 9894 5011
Fax: (02) 9894 5044

8th November 2010

Warringah Council
725 Pittwater Road
Dee Why NSW

Tender Ref No. – 2010/137

Sportsfield Lighting Construction Stage 1 – Nolans Reserve, North Manly

Smada Electrical Services are pleased to have the opportunity to submit a price for the above mentioned tender.

Smada Electrical Services has previously completed the following projects for Warringah Council in particular the Sports Field Lighting and associated works at David Thomas Reserve, Weldon Oval and Melwood Oval. Where Smada has been the principle contractor on both Melwood and David Thomas. Smada Electrical Services has completed over 20 sports field lighting projects over the past 5 years (see attached projects gallery for detail). Of these projects 75% have been completed using GM Poles and Sylvania Briteline light fittings as is the case on this project. Therefore providing superior product knowledge of the proposed installation.

Smada Electrical Services has worked closely with Sylvania Lighting, GM Poles, Australian Foundation Systems in putting this proposal together. Enabling us to provide the most cost effective solution tailored to the design intent as outlined in the tender document.

A handwritten signature in black ink, appearing to be the initials "BB", is located in the bottom right corner of the page.

All materials used on this project will be manufactured and assembled in Australia and have been designed to suit the conditions at hand. It should be noted that the poles have all been designed to Importance Level 2: Normal Structures designed to a wind speed of 50m/s. Castigatory 2. Attached is the GM Poles Product Specification outlining all relevent standards.

The Sylvania Briteline light fitting is typical to the light fitting used on a number of other sporting fields throughout Warringah Council. Smada Electrical Services is committed to helping this be continued by providing Warringah Council with a consistent light fitting for all their fields.

Sylvania has designed each field to a maintenance factor 0.8 allowing for lamp depreciation and the conditions at hand. i.e. lenses being dirty. Taking this into account we can maintain 80% of luminous flux for 5000 hours of use. Attached is the technical data sheet on the Briteline light fitting and the T10 lamp used out lining the suitability for the proposed application along with performance.

Smada Electrical Services can offer a extended Warranty package which allows Warringah Council to be maintenance free of the Nolans Reserve, along with the re lamping and cleaning of fittings at the end of 10 years or 5000 hours which ever comes first. This includes all materials, labour and access equipment. This can be discussed as an option if Council wish to go down this avenue.

Smada Electrical Services will engage Australian Foundation Systems to certify the construction of the sports field light pole footings. The footing design is based on the findings of the Geo Report No. 21/13463/AW076. We have noted that water has been found at 0.5 – 1.0m below the ground and therefore de watering will be required before placing any concrete.

Smada Electrical Services will complete all other tasks during the project including the supply, install and certify of the electrical reticulation system including all civil works, site main switchboard upgrade, footings for the lighting poles, assembling and standing of the lighting poles, along with all testing, aiming of light fittings, commissioning and certifying. (See construction management program for further detail).

Smada Electrical Services owns and operates all relevant plant and equipment to perform the works this includes a 2.5 tonne trenching machine (this machine allows the trenching to be completed with only a 100mm wide trench to ensures minimal damage is done to the existing surface during this process), a 4 tonne excavator, a 6.5 tonne tipper, cabling pulling equipment, pole assemble equipment.

Smada Electrical Services employs 11 full time staff members (8 in the field and 3 in the office) and will have 4 - 7 members available for this project depending on what stage of the project is up to. Labour committed this project would include a projects manager, site foreman, 3 x tradesman / assistant, plant operator and a projects administrator. (please refer to site safety plan for further detail).

Smada Electrical Services has inspected the site and has a comprehensive understanding of the site and would be available for an immediate start which would in turn allow the field to be completed by the start of the next winter sport season. The delivery of the poles would be 10 - 12 weeks from date of order.


Our strengths are our people, our network, our experience, our high level of service, our diverse field of expertise, our local knowledge, our continued commitment to learning and implementing technologies in the view of reducing CO2 emissions whilst always providing a safe work place for all employees.

Should you have any questions or require any further information please do not hesitate to contact us on (02) 9894 5011 or 0413 870 739.

Yours faithfully



Adam Potuzanski
Director
Smada Electrical Services Pty Limited



Schedule 11.



**Smada Electrical Services
Pty Limited
Electrical Contractors**

ABN: 37 094 010 956

**16/10 Victoria Avenue
CASTLE HILL
NSW 2154**

**Tel: (02) 9894 5011
Fax: (02) 9894 5044**

To Whom It May Concern:

8th November 2010

RE: Nolans Reserve Stage 1 Sports Field Lighting Upgrade.

Construction Management Program:

a) Preliminary Program Of Works:

Week 1:

- * Site establishment, complete with site induction, temporary fencing and silt fencing
- * Site set out and investigation. (existing services and make safe where need be).
- * Submit all shop drawings for approval.
- * Tie in and weld rag bolts into pre fabricated reinforced cages for 6 x bored pier sports light pole footings..

Week 2:

- * Bore holes 6 x (4 meters deep) for bored pier light pole footings. This component of the works will be completed by Robar Boring. At this stage I will have a geotechnical engineer on site to inspect the material excavated from the bore hole to classify and ensure the material will be suitable for the design intent of the bored pier design. I will engage Jeffery and Katauskas Consulting Geotechnical and Environmental Engineers to complete the investigations and certification.

- * Install formtube (lining) in bored piers to prevent collapsing until placing concreting due to excessive water as shown on the geo report at 0.5 – 1.0m below ground.
- * Install pre fabricated steel reinforced cages complete with rag bolts.
- * Dewater hole and have the cages and holes inspected by a third party certifier in which case I will be using Australian Foundation Systems.
- * Once again dewater hole just prior to placing concrete. 40mpa concrete may be used to ensure curing time of concrete is achieved quicker if necessary (ie: construction program is running behind schedule due to weather) and therefore poles will be able to be stood approximately 2 weeks after placing concrete. This will be confirmed by having the concrete tested at this time.

Week 3:

- * Install underground reticulation (550m), complete with excavation, conduits, pits and backfilling. It should be noted that all trenches will be barricaded during excavation and backfilled with in the same working day. Backfill material will be sand for the first 200mm then the excavated material and compacted at 200mm intervals. All excess fill will be stock piled and removed at the completion of the project. A 2.5 tonne trenching machine will be used for this process. The trench width is only 100mm using this machine therefore minimal damage is done to the existing playing surface.
- * Install 2 x additional 50mm conduits will be run from pole 6 to the electrical pit to the west to cater for stage 2 works and in particular the additional light fittings on this pole to illuminate fields 4 & 5.

Week 4:

- * Install new 200 amp site main switchboard in existing main switchroom at the rear off the amenities building. Provide 2 sets of whole current meters (1 for the existing amenities club house and 1 for the new sports field lighting). The new MSB is to include local distribution boards for both of the above metered supplies.
- * Relocate all existing sub mains from existing amenities distribution board to new site MSB distribution board.
- * Upgrade existing consumer mains from timber pole FF01505 to 95mm (x4) XLPE cables. Existing 80mm HD conduit from pole to MSB will be re used.
- * Install lighting control system. This includes all contactors, relays, GSM antenna ready to be interfaced with Playstate lighting control system. Liaise with Playstate to ensure sufficient room is allowed for their equipment located within a separate compartment in the new site main switchboard.

Week 5:

- * Assemble poles (x 6), complete with tiring poles, crossarms, internal wiring harness, mounting & wiring control gear and fit and wire light fittings (x21).
- * Stand 6 x new sports field lighting poles.
- * Grout base of lighting poles (x 6)
- * Install sub mains from new site main switchboard to each of the poles and terminate at both ends.

Week 6:

- * Test and commission new sports field lighting, complete with aiming light fittings.
- * De commission and remove existing sports field lighting poles and light fittings. Stock pile the poles to be removed by others and return the light fittings to Warringah Council works depot.
- * Restoration of site, complete with making good all surfaces Top dress and level all excavated and trenched areas. Including re turfing areas of excavation exceeding 300mm in width. All other areas will be seeded for re growth.
- * Remove all stockpiles from site and dispose of the correctly.

Week 7:

- * Light spill assessment, complete with lighting lux level test by a independent lighting specialist for conformance.
- * Certification, complete with "as built" drawings and operation manuals.

- b) The construction site will be accessed off Kentwell Avenue. Traffic control will not be required as there will be no impact directly to the street. All works will be conducted on the reserve in barricaded area.
- c) A truck mounted boring rig and concrete trucks will require access to the site when installing the bored pier footings for the sports field lighting poles. During week 1 and 2.
- d) A 20 tonne Franna crane will require access to the site to stand the sports field lighting poles. During week 5.
- e) A truck mounted 28 meter elevated work platform will require access to the ground to commission the sports field lighting poles. Due to the weight of the truck (18 tonne) favourable weather will be required prior to allowing access on the field. This will take place during week 6.
- f) All machinery will be loaded, unloaded and operated within the work zone with access limited to the inducted construction workers only.
- g) The excavated areas will be barricaded at all times with in the work zones.
- h) All loose materials will be removed from all vehicles and machinery leaving the site and be contained within a stock pile ready for removal at job completion.
- i) Temporary fence (3 meters x 3 meters) will be installed around the 6 sports field light pole footings from the time of the installation of the footings until the poles are stood.

- j) The above program is a preliminary program only, all works will be coordinated with Warringah Council at all times.

Should you have any questions or require any further information please do not hesitate to contact me on (02) 9894 5011 or 0413 870 739.

Yours faithfully

A handwritten signature in black ink, appearing to read 'Adam Potuzanski', with a long horizontal flourish extending to the right.

Adam Potuzanski
Director
Smada Electrical Services Pty Limited

PART 7 - PRICE AND PAYMENT SCHEDULE**GUIDELINES FOR TENDERERS**

1. Tenderers are to complete the **Price** columns of the attached Price and Payments Schedules by providing details of proposed prices, fees, rates and charges for the Services.
2. Tenderers are required to complete the attached Price & Payment Schedules to provide:
3.
 - (a) Your Business Name.
 - (b) Your ABN.
 - (c) Whether or not you are registered for GST.
 - (d) If you are registered for GST you must complete all the columns.
 - (e) If you are not registered for GST you must complete all columns however the column titled GST must show an amount of \$0.
4. Tenderers are to attach details of any:
 - (a) assumptions that they have made in arriving at the proposed prices; and
 - (b) quantities of work on which the calculation of the proposed prices is based, where the quantities are not already provided by Council in the Request for Quotation.
5. Where Tenderers propose alternative price and payment arrangements, full details are to be provided.
6. Requirements for Invoicing:
 - (a) The invoices must be a Tax Invoice that complies with the following requirements:
 - (i) Your business name and ABN number;
 - (ii) The words "Tax Invoice" prominently displayed;
 - (iii) The date of issue of the tax invoice;
 - (iv) Council's name and address, ABN number and purchase order number;
 - (v) A brief description of the items supplied;
 - (vi) The quantity of goods or extent of services supplied;
 - (vii) The GST exclusive price of the goods or services;
 - (viii) The GST amount; and
 - (ix) The Total GST inclusive amount payable.
 - (b) Invoices including both taxable and non-taxable items, must show the split between the two types of prices and the GST amount payable is clearly indicated on the invoice.
 - (c) Council will withhold 48.5% of the invoiced amount under the Pay As You Go (PAYG) withholding provisions on invoices that show a GST inclusive price of \$75 or more, and fail to provide an ABN number. Amounts withheld will be remitted by Council to the Australian Taxation Office each month as part of that month's Business Activity Statement reporting.
 - (d) If Council does not have access to all the necessary information, it might not be able to process the documentation in enough time to meet your payment terms. It is therefore in your interest to ensure that we receive fully completed tax invoices.

**PRICE & PAYMENT SCHEDULE
FOR THE PROVISION OF SPORTSFEILD LIGHTING CONSTRUCTION**

This is a lump sum contract.

The schedule of rates is a means by which progress payments may be calculated and tenders may be evaluated.

The costs indicated below are to include supply, delivery, installation, defects liability, overheads and profits for the various sections of the work:

Item	Element	Price		
		Amount (Excl. GST)	GST	Total (Incl. GST)
1	Site establishment / safety and environmental controls	\$2,430.00	\$243.00	\$2,673.00
2	Demolition & decommissioning works	\$1,600.00	\$160.00	\$1,760.00
3	Trenching and conduit installation	\$17,025.00	\$1702.50	\$18,727.50
4	Disposal transport, tipping and treatment of excavated material	\$4,180.00	\$418.00	\$4,598.00
5	Cable supply and installation	\$11,450.00	\$1145.00	\$12,595.00
6	Supply and installation of main switchboard & distribution boards	\$13,375.00	\$1337.50	\$14,712.50
7	Footing excavation and construction	\$30,160.00	\$3016.00	\$33,176.00
8	Supply and installation of light poles	\$52,620.00	\$5262.00	\$57,882.00
9	Supply and installation of luminaries	\$35,610.00	\$3561.00	\$39,171.00
10	Certifications and as built survey	\$1,595.00	\$159.50	\$1,754.50
	Provisional Items			
1	Linear per metre rate for additional excavation / steelwork / concrete to extend light pole footings	See Below		
2	Rate per Tonne for the disposal, transport, tipping and treatment of additional excavated material	\$167.00		
1a	Addition excavation for conduits	\$22.00		
1b	Steelwork/Tonne	\$1,900.00		
1c	Concrete to extend footing/meter			
	TOTAL	\$170,045.00	\$17,004.50	\$187,049.50



Smada Electrical Services Pty Ltd
Unit 16/10 Victoria Avenue
CASTLE HILL NSW 2154
Telephone No: (02) 9894 5011
Facsimile No: (02) 9894 5044
Mobile No: 0413 870 739
A.B.N. 37 094 010 956

Quote 00008417

Invoice To:
Warringah Council

Work Carried Out At:
Nolans Reserve
Stage 1

Date: 9/11/2010 Your Order #: Terms: Net 7 Page: 1

Description	Amount
<ul style="list-style-type: none"> * Supply and install 6 x 25 meter sports field lighting poles, complete with 21 x Sylvania 2000 watt Briteline light fittings. As per attached Sylvania lighting design. * Supply and install 6 x sports field light pole bored pier footings as shown on footing detail on tender drawing SO1 & SO2. * Supply and install underground sub mains (3 x 16mm XLPE + 6mm earth) fed from existing site main switchboard to pole 3 and pole 4. * Supply and install underground sub mains (3 x 16mm XLPE + 6mm earth) fed from existing site main switchboard to sports field lighting poles 5 and 6. * Supply and install underground sub mains (3 x 6mm XLPE + 6mm earth) fed from existing site main switchboard to sports field lighting pole 1. * Supply and install underground sub mains (3 x 6mm XLPE + 6mm earth) fed from existing site main switchboard to sports field lighting pole 2. * Supply and install 5 x (770mm x 770mm x 770mm) pits complete with galvanised lids. * Supply and install 2 x additional 50mm conduits from pole 6 to the electrical pit to the west for future stage 2 works and in particular the additional cabling and controls for the light fittings to illuminate fields 4 & 5. * Supply and install lighting control system, complete with relays, contactors, protection devices, radio antenna and all associated cabling and supports systems. Note: Telemetry to be supplied and installed by Playstate. * Supply and install new 200 amp site main switchboard, complete with 2 x 100 amp whole current metering for existing amenities / club house and for the new sports field lighting. * Supply and install new 48 pole distribution board located with in the new MSB for the existing sub mains to the club house, complete with relocating all sub mains to the new MSB. * Supply and install new 95mm (x4) XLPE consumer mains fed from the existing timber property pole FF01505 to the new site MSB located at the rear of the amenities building. The existing 80mm HD conduit will be reused between the pole and the MSB room. * Disconnect existing sports field lighting poles. Light fittings to be returned to Warringah Council works depot. The poles will be stockpiled ready to be collected by Warringah Council. * Site establishment including temporary fence / compound. Complete with make good all surfaces and removal of stock pile on job completion. Along with re installing new turf on excavated areas exceeding 300mm and seeding all other areas. * Test, commission and certify, complete with "as built" drawings and engineers certificate. <p>Notes:</p>	
<p>COMMENT</p>	<p>Customer ABN: Sub Total:</p> <p>GST:</p> <p>Total Inc GST:</p> <p>This is a Payment claim made under the Building & Construction Industry Security of Payment ACT 1999 NSW.</p>



Smada Electrical Services Pty Ltd
Unit 16/10 Victoria Avenue
CASTLE HILL NSW 2154
Telephone No: (02) 9894 5011
Facsimile No: (02) 9894 5044
Mobile No: 0413 870 739
A.B.N. 37 094 010 956

Quote 00008417

Invoice To:
Warringah Council

Work Carried Out At:
Nolans Reserve
Stage 1

Date: 9/11/2010 Your Order #: Terms: Net 7 Page: 2

Description	Amount
<p>1) Footing design has been based on information provided in Geotechnical soil report 21/13463/AW076 and construction drawing SO1 and SO2. 2) Existing services such as irrigation are to be identified by Warringah Council prior to commencing installation. All other services will be identified by Smada. 3) All surfaces are to be made good by Smada includes backfill with sand for the first 200mm and then the excavated material compacted at 200mm intervals. Including re instating all hard surfaces. 4) The above offer includes pole, cross arm and footing to suit 8 light fittings on pole 6, however only 4 light fittings to be installed to illuminate stage 1 works only. 5) No allowance has been made for the excavation of rock. 6) Extended warranty / maintenance package can be offered over above the general warranty provide by Smada Electrical and Sylvania Lighting provideing Council with a maintenance free installation for 10 years. Ifr required will need to discuss further. 7) The maintenance package includes 10 years maintenance free for Council. Re lamp after 10 years or 5000 hours of use which ever comes first along with cleaning lenses. This includes labour, materials and access equipment.</p> <p>Schedule Of Prices:</p> <p>1) Site Establishment / Safety and Environmental Controls \$2,430.00 2) Demolition and Decommissioning Works \$1,600.00 3) Trenching Conduit Installation \$17,025.00 4) Disposal Transport, Tipping and Treatment of Excavated Material \$4,180.00 5) Cable Supply and Installation \$11,450.00 6) Supply and Installation of Main Switchboard and Distribution Board and DB's. \$13,375.00 7) Footing Excavation and Construction \$30,160.00 8) Supply and Installation of Light Poles \$52,620.00 9) Supply and installation of Luminaries \$35,610.00 10) Certification and as built surveys \$1,595.00</p>	
<p>Customer ABN: Sub Total: \$170,045.00</p> <p>COMMENT GST: \$17,004.50</p> <p>Total Inc GST: \$187,049.50</p>	

This is a Payment claim made under the Building & Construction Industry Security of Payment ACT 1999 NSW.

**Business Pack Insurance
Certificate of Currency**

QBE Insurance (Australia) Ltd
Head Office
82 Pitt Street
Sydney NSW 2000
ABN: 78 003 191 035
AFS Licence No: 239545



Policy Number 30A563014BPK

Issued By
QBE Insurance (Australia) Ltd

Period of Insurance
From 23/06/2010
To 30/06/2011 at 4pm

This certificate acknowledges that the policy referred to is in force for the period shown.
Details of the cover are listed below.

The Insured

SMADA ELECTRICAL SERVICES PTY LTD

Cover Details

Location UNIT 16 / 10 VICTORIA AVENUE, CASTLE HILL NSW 2154 **Risk Number 2**
Business ELECTRICIAN
Interested Party None Noted

Property Section

Particulars	Total Sum Insured	Excess
Buildings	Not Insured	
Contents	\$150,000	\$250
Accidental damage	\$150,000	\$250

Reinstatement / extra cost conditions apply
Earthquake excess as per the policy wording

Clauses

• **GOL**

Austbrokers Commercial/Retail/Industrial Policy wording QM511 applies when BUSINESS PACK INSURANCE is shown on the policy schedule and Fire section - Gold applies.
QBE Trade Policy QM207 applies when TRADES PACK INSURANCE is shown on the policy schedule.
QBE Office Policy QM208 applies when OFFICE PACK INSURANCE is shown on the policy schedule.

**Business Pack Insurance
Certificate of Currency**

QBE Insurance (Australia) Ltd
Head Office
82 Pitt Street
Sydney NSW 2000
ABN: 78 003 191 035
AFS Licence No: 239545



Policy Number 30A563014BPK,

Cover Details

Location UNIT 16 / 10 VICTORIA AVENUE, CASTLE HILL NSW 2154
Business ELECTRICIAN
Interested Party None Noted

Risk Number 3

Theft Section

Particulars	Total Sum Insured
Contents	\$15,000
Stock	Not Insured
Theft without forcible entry	As per the policy wording
Tobacco, cigarettes, cigars	Not Insured
Liquor	Not Insured
Excess \$250	

Clauses

• **CIP**

Austbrokers Commercial/Retail/Industrial Policy wording QM511, applies when BUSINESS PACK INSURANCE is shown on the policy schedule.
QBE Trade Policy QM207 applies when TRADES PACK INSURANCE is shown on the policy schedule.
QBE Office Policy QM208 applies when OFFICE PACK INSURANCE is shown on the policy schedule.

Additional Policy Details

CONTENTS SUM INSURED INCLUDES STOCK

**Business Pack Insurance
Certificate of Currency**

QBE Insurance (Australia) Ltd
Head Office
82 Pitt Street
Sydney NSW 2000
ABN: 78 003 191 035
AFS Licence No: 239545



Policy Number 30A563014BPK

Cover Details

Location UNIT 16 / 10 VICTORIA AVENUE, CASTLE HILL NSW 2154 **Risk Number** 1
Business ELECTRICAL SERVICES/ CONTRACTS
Interested Party None Noted

Broadform Liability Section

Particulars	Total Sum Insured	Limit
Limit of liability, any one occurrence		\$20,000,000
Products liability, in aggregate		\$20,000,000
Property in Your physical and legal control	\$100,000	

Excess \$250 for property damage claims only
\$0 for personal injury claims

Clauses

- CIP

Austbrokers Commercial/Retail/Industrial Policy wording QM511 applies when BUSINESS PACK INSURANCE is shown on the policy schedule.
QBE Trade Policy QM207 applies when TRADES PACK INSURANCE is shown on the policy schedule.
QBE Office Policy QM208 applies when OFFICE PACK INSURANCE is shown on the policy schedule.

Additional Policy Details

INTERESTED PARTY:
GOSFORD CITY COUNCIL,
THE HILLS SHIRE COUNCIL,
WYONG SHIRE COUNCIL
WARRINGAH COUNCIL

**Business Pack Insurance
Certificate of Currency**

QBE Insurance (Australia) Ltd
Head Office
82 Pitt Street
Sydney NSW 2000
ABN: 78 003 191 035
AFS Licence No: 239545



Policy Number 30A563014BPK

Cover Details *continued*

Additional Clauses

- **A00007**
**** ASBESTOS ATTACHMENT ****
Asbestos Exclusion Endorsement

This exclusion applies to the Broadform Liability Section
This policy does not cover Liability resulting from the existence,
mining, handling, processing, manufacture, sale, distribution, storage
or use of asbestos, asbestos products and/or products containing
asbestos.

End of Certificate



CERTIFICATE OF CURRENCY

QBE Workers Compensation (NSW) Ltd.
- Agent for the NSW WorkCover Scheme
ABN 83 564 379 108 004

COMMERCIAL BRANCH
82 PITT ST.
SYDNEY NSW
2000

Postal Address
P O BOX 1207
AUBURN NSW
1835

Telephone: (02) 9375 4444
Fax: (02) 9375 4855

SMADA ELECTRICAL SERVICES P/L
16/10 VICTORIA AVE
CASTLE HILL NSW 2154

Thursday, 26 August 2010

Dear Sir or Madam


1. STATEMENT OF COVERAGE

The following policy of insurance covers the full amount of the employer's liability under the *Workers Compensation Act 1987*.

The certificate is valid from 30/06/10 to 30/06/11

The information provided in this Certificate of Currency is correct at: 26/08/2010

2. EMPLOYERS INFORMATION

 POLICY NUMBER 1SFM500847GWC154
LEGAL NAME SMADA ELECTRICAL SERVICES P/L
TRADING NAME
ABN 37094010956
ACN/ARBN 094 010 956

WIC	Industry	Number of Workers*	Wages*
423200	Electrical Services	10	\$329,000

* Number of workers includes contractors/deemed workers

† Total wages estimated for the current period / Per capita units

3. IMPORTANT INFORMATION

Principals relying on this certificate should ensure it is accompanied by a statement under section 175B of the *Workers Compensation Act 1987*. Principals should also check and satisfy themselves that the information is correct and ensure that the proper workers compensation insurance is in place, ie. compare the number of employees on site to the average number of employees estimated; ensure that the wages are reasonable to cover the labour component of the work being performed; and confirm that the description of the industry/industries noted is appropriate.

A principal contractor may become liable for any outstanding premium of the sub-contractor if the principal has failed to obtain a statement or has accepted a statement where there was reason to believe it was false.

Yours Sincerely

Jason McLaughlin
NSW Underwriting Operations Mgr

