

17 April 2013

Endeavour Energy Ref: UIS0676 – 2013/03475/001
Customer Ref: X12254

Brown Consulting (NSW) Pty Ltd
PO Box 8300
BAULKHAM HILLS NSW 2153

Attention: Marnie Padroth

Dear Sir/Madam

UIS0676 – Land Subdivision Application 813-913 Wallgrove Road, HORSLEY PARK

Thank you for your application for the above location. Your application has been registered under the above reference number and a preliminary desk top supply offer analysis has been carried out by Endeavour Energy.

Your next step is to obtain the services of an accredited Level 3 Service Provider to prepare an electrical design or to provide additional information that is required by Endeavour Energy. This activity has been classified contestable as per the Network Connections General Terms & Conditions, the funding of this work is your responsibility.

This letter and its attachments are for your information as a base to obtain the services from an Accredited Level 3 Service Provider.

A list of Level 3 Accredited Service Providers can be obtained from *Industry and Investment NSW*, (02) 9895 0008 or Fax (02) 8281 7750 or on the web site www.industry.nsw.gov.au/energy/electricity/network-connections/contestable. The enclosed form is to be completed by you, nominating and signed by your Level 3 Service Provider, and forwarded to Endeavour Energy.

A design fee estimate is enclosed for your information. The fees amount may change during the design stage and will be confirmed via a payment request at a later date.

Should you have any enquiries regarding your application please do not hesitate to contact the undersigned.

Yours faithfully

George Tzivanopoulos

George Tzivanopoulos
Engineer Contestable Works
Ph: 02 9853 7964
Fax: 02 9853 7925
Email: cwtech@endeavourenergy.com.au
NETWORK CONNECTIONS - HUNTINGWOOD

BROWN RECEIVED 23 APR 2013		
JOB No.		
TT	MP	PF

Handwritten notes: 23/4/13, 23/4/13



17 April 2013

Endeavour Energy Ref: UIS0676 – 2013/03475/001

Endeavour Energy
PO Box 6366
Blacktown NSW 2148

Attention: George Tzivanopoulos

NOTICE OF ADVICE

**APPOINTMENT OF ACCREDITED DESIGNER FOR THE PROPOSED DEVELOPMENT AT:
813-913 WALLGROVE ROAD, HORSLEY PARK**

*** Please complete and return when a Level 3 Service Provider has been nominated***

Please accept this letter as notification that I intend to proceed with the development described above. I own or am developing the land and works on the land, (and/or where relevant on public land). I intend to supply this development to Endeavour Energy requirements in accordance with the current General Terms and Conditions:

- Electricity Supply to Developments.

The Level 3 Service Provider appointed is:.....

The Fees will be Paid to Endeavour Energy by:.....

.....
Signature of Level 3 ASP

.....
Name of Level 3 ASP

.....
Signature of Developer/Representative

.....
Name of Developer/Representative

.....
Date

The signatory warrants that they are authorised to execute this Application on behalf of the Developer.

APPLICATION NO: UIS0676

DATE: 17 April 2013

SUBJECT: SUPPLY OFFER FOR
813-913 Wallgrove Road, HORSLEY PARK

Endeavour Energy has carried out a desk top assessment and accordingly prepared this Supply Offer for the above development. This Supply Offer shall lapse where the information requested has not been submitted within three (3) months of issuing this Supply Offer. The fees applicable for this application are required prior to design certification and are outlined in the Network Connections Contestable Works General Terms & Conditions.

Where the Supply Offer has lapsed, the accredited designer must verify the currency of the Supply Offer before submitting the information requested. However, it must be recognised that the network is being constantly extended/augmented as new customers are connected. Therefore, Endeavour Energy takes no responsibility if the Supply Offer requires alteration due to other applications, situations or further requirements.

Power Factor is to meet NSW service and installation rule requirements
Your application has been assessed and attached is a supply offer that will assist your accredited designer to develop the most efficient solution to meet your needs and also comply with Endeavour Energy's GT&C and standards. Please find below a list of some issues that may need to be addressed by your designer.

- Field verification of practicality of supply option.
- Trench length.
- Cable length.
- Length of cable using existing ducts.
- Length of new ducts required to be installed.
- Substation location shown on a preliminary sketch and HV switchgear numbers.
- Types and number of poles to be replaced or installed.
- Complexity of trenching (ie rock, under-bore, commercial area etc).
- Earthing requirements and complexity.
- Overhead construction and isolation point requirements.
- Asset Valuation form completed including any extraordinary costing requirements.
- All environmental issues have been addressed in an Environmental Assessment.
- Any generation requirements.
- Any Rail Crossing requirements.

A sketch of the circuit utilising the GIS as a base must be returned with the above information.



DESIGN FEE ESTIMATE

ABN 59 253 130 878

Applicant (Name) Brown Consulting (NSW) Pty Ltd
Address: PO Box 8300
BAULKHAM HILLS 2153

Proposed Location: 813-913 Wallgrove Road
HORSLEY PARK

Please find below the estimated design fees (GST Inclusive) for this application at this point in time for your information only:

Administration Fee	17-04-2013	\$210.00
Design Certification Fee	17-04-2013	\$263.00
Design Information Fee	17-04-2013	\$1760.00
Notification of Arrangement	03-04-2013	\$212.00
Total (inc GST)		\$2445.00

Please do not make any fee payment at this point in time as the final amount may change.

Once the design fee amount has been finalised Endeavour Energy will send a request for the fees to your nominated party as indicated in the returned Notice of Advice from you or your Level 3 Service Provider.

CAP No. : UIS0676 **File No:** 2013/03475/001

Supply Offer

(Based on a desktop assessment)

Development Details & Applicant's Assessed Load:

Subdivision of Lot 5 DP24094 into 15 industrial lots

Endeavour Energy Assessed Load:

Maximum demand load has been assessed on the basis of 40VA/M2 as per GT&C.

Lot 1 = 5,300m² x 40VA = 212kVA
Lot 2 = 6,600m² x 40VA = 264kVA
Lot 3 = 16,200m² x 40VA = 648kVA
Lot 4 = 14,400m² x 40VA = 576kVA
Lot 5 = 10,318m² x 40VA = 413kVA
Lot 6 = 9,279m² x 40VA = 372kVA
Lot 7 = 9,600m² x 40VA = 384kVA
Lot 8 = 8,942m² x 40VA = 358kVA
Lot 9 = 6,541m² x 40VA = 262kVA
Lot 10 = 40000m² x 40VA = 1,600kVA
Lot 11 = 16,000m² x 40VA = 640kVA
Lot 12 = 16,700m² x 40VA = 668kVA
Lot 13 = 16,700m² x 40VA = 668kVA
Lot 14 = 16,700m² x 40VA = 668kVA
Lot 15 = 12,000m² x 40VA = 480kVA

Total = 8,213kVA or 13,172ATP @ PF=0.9

Development & Site Plans received/not received:

Copy of the DA letter and the DA approved drawings provided by Level 3 ASP.

HV/LV Connection Point & Connection Asset Requirements:

1. Level 3 to provide a HV master to be developed by the Level 3 ASP and provided with the PMOS.
2. Level 3 ASP is required to investigate/design the method of supply (MOS) to supply this subdivision.
3. 11kV HV network connection points to be advised with design brief.
4. New underground conduits to reticulate site.
5. Establish new street lighting in accordance with local council lighting design brief.
6. The scope of works is to be undertaken in accordance with Network Connections' General Terms and Conditions and must comply with all relevant policies, regulations and network standards.

Network Constraints & Limitations: TBA

Transmission Assets: Nil

Connection Options: ASP Level 3 designer to investigate/design options as required.

Initial Funding assumptions for purposes of preparing an asset valuation

Endeavour Energy Supplied Materials:

TBA

Endeavour Energy Funded and Constructed:

TBA

Endeavour Energy Funded and ASP L1 Constructed – Reimbursement Paid by Endeavour Energy:

TBA

Reimbursement to be paid to Endeavour Energy by Customer:

TBA

Customer Funded Non-Contestable Works:

Network switching, commissioning, contract inspection

Customer Funded Contestable Works:

All works to provide supply for this application.

To be advised by ASP L3