



Case Number: 117080

3 November 2009

HARRIS PAGE & ASSOCIATES PTY LTD
c/- GREG HOUSTON PLUMBING PTY LTD

FEASIBILITY LETTER

Developer: HARRIS PAGE & ASSOCIATES PTY LTD
Your reference: M0286
Development: 134-140 Marsden and Macquarie Streets, Parramatta
Development Description: Feasibility application; job will be under the NSW Planning Act. Plans provided are preliminary architectural plans. (339 units in total with 23 levels, ground floor and 4 below ground floors)
Your application date: 24 September 2009

Dear Applicant

This Feasibility Letter (Letter) is a guide only. It provides general information about what Sydney Water's requirements could be if you applied to us for a Section 73 Certificate (Certificate) for your proposed development. **The information is accurate at today's date only.**

If you obtain development consent for that development from your consent authority (this is usually your local Council) they will require you to apply to us for a Section 73 Certificate. You will need to submit a new application (and pay another application fee) to us for that Certificate by using your current or another Water Servicing Coordinator (Coordinator).

Sydney Water will then send you either a:

- Notice of Requirements (Notice) and Works Agreement (Agreement); or
- Certificate.

These documents will be the definitive statement of Sydney Water's requirements.

There may be changes in Sydney Water's requirements between the issue dates of this Letter and the Notice or Certificate. The changes may be:

- if you change your proposed development, e.g. the development description or the plan/site layout, after today, the requirements in this Letter could change when you submit your new application; and
- if you decide to do your development in stages then you must submit a new application (and pay another application fee) for each stage.

What You Must Do To Get A Section 73 Certificate In The Future.

To get a Section 73 Certificate you must do the following things. You can also find out about this process by visiting www.sydneywater.com.au > Building Developing and Plumbing > Developing Your Land.

1. **Obtain Development Consent from the consent authority for your development proposal.**
2. **Engage a Water Servicing Coordinator (Coordinator).**

You must engage your current or another authorised Coordinator to manage the design and construction of works that you must provide, at your cost, to service your development. If you wish to engage another Coordinator (at any point in this process) you must write and tell Sydney Water.

For a list of authorised Coordinators, either visit www.sydneywater.com.au > Building Developing and Plumbing > Developing Your Land or call **13 20 92**.

The Coordinator will be your point of contact with Sydney Water. They can answer most questions that you might have about the process and developer charges and can give you a quote or information about costs for services/works (including Sydney Water costs).

3. Major Works Agreement

After the Coordinator has submitted your new application, they will receive the Sydney Water Notice and Works Agreement. You will need to sign and lodge **both originals** of that Agreement with your nominated Coordinator.

The agreement sets out for this development:

- your responsibilities;
- Sydney Water's responsibilities; and
- the Coordinator's responsibilities.

You must do all the things that we ask you to do in that Agreement. This is because your development does not have sewer services and you must construct and pay for the following works extensions under this Agreement to provide these services.

After Sydney Water has signed the documents, one of them will be returned to your Coordinator.

Note: The Coordinator must be fully authorised by us for the whole time of the agreement.

4. Water and Sewer Works

4.1 Water

Your development must have a frontage to a water main that is the right size and can be used for connection.

Sydney Water has assessed your application and found that:

- The drinking water system does have sufficient capacity to serve the proposed development.
- The drinking water main available for connection is the 250mm main on the western side of Marsden Street.

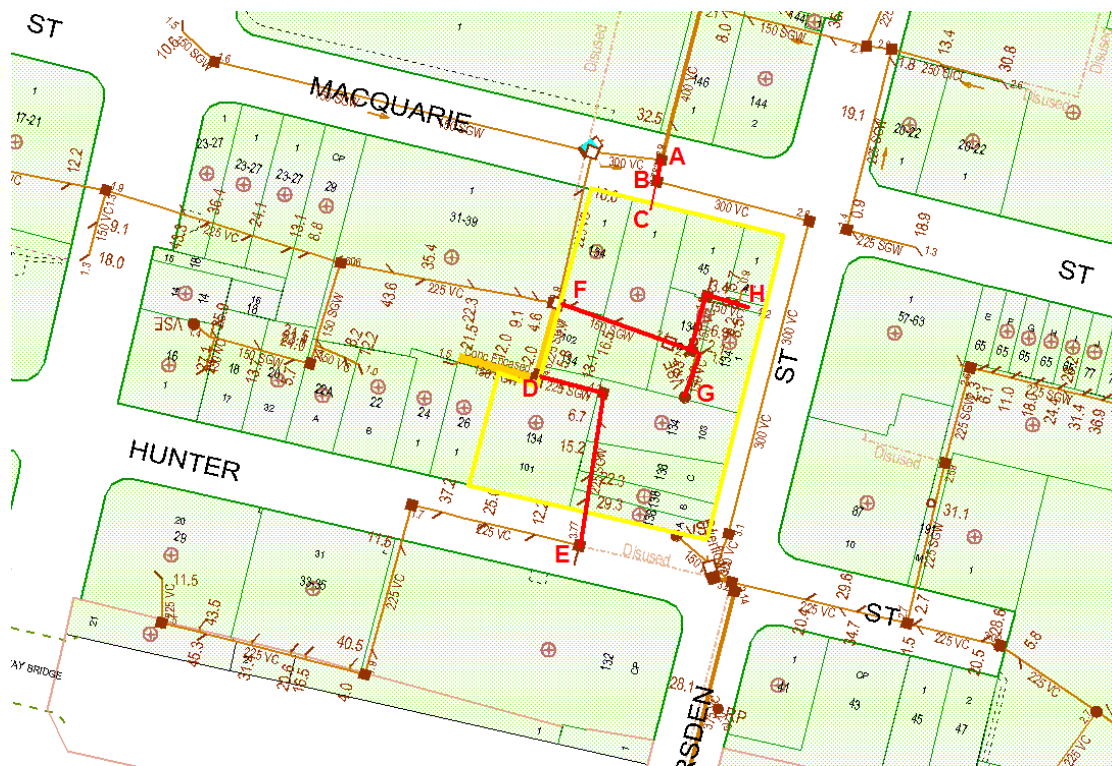
4.2 Sewer

Your development must have a sewer main that is the right size and can be used for connection. That sewer must also have a connection point within your development's boundaries.

Sydney Water has assessed your application and found that:

- An amplification of the system will be required from 300mm to 375mm as shown on Plan 'A' as section 'A-B'-refer to page 4 of this letter
- The Developer through their Coordinator is to design and construct a 225mm wastewater main from section 'B to C' (connecting to the amplified 375mm main), which will provide a point of connection at least 1m inside the property's boundary-refer to details on Plan 'A'
- The proposed development conflicts with the location of the 225mm wastewater main traversing the property as shown on Plan 'A' as section 'D to E'. A wastewater deviation may be required.
- Any adjustment or deviation required must be in accordance with the Sewerage Code of Australia (Sydney Water Edition WSA 02-2009) and the Guidelines for Building Over or Adjacent to Sydney Water's wastewater mains. Your Coordinator can provide you with further details of any requirements.
- The 150mm wastewater mains (Sections 'F – G – H') are to be sand-filled and disused or broken out during construction and appropriately sealed at section 'F'.

Plan 'A'



5. Ancillary Matters

5.1 Asset adjustments

After Sydney Water issues this Notice (and more detailed designs are available), Sydney Water may require that the water main/sewer main/stormwater located in the footway/your property needs to be adjusted/deviated. If this happens, you will need to do this work as well as the extension we have detailed above at your cost. The work must meet the conditions of this Notice and you will need to complete it **before we can issue the Certificate**. Sydney Water will need to see the completed designs for the work and we will require you to lodge a security. The security will be refunded once the work is completed.

5.2 Entry onto neighbouring property

If you need to enter a neighbouring property, you must have the written permission of the relevant property owners and tenants. You must use Sydney Water's **Permission to Enter** form(s) for this. You can get copies of these forms from your Coordinator or the Sydney Water website. Your Coordinator can also negotiate on your behalf. Please make sure that you address all the items on the form(s) including payment of compensation and whether there are other ways of designing and constructing that could avoid or reduce their impacts. You will be responsible for all costs of mediation involved in resolving any disputes. Please

allow enough time for entry issues to be resolved.

5.3 Costs

Construction of these **future** works will require you to pay project management, survey, design and construction costs **directly to your suppliers**. Additional costs payable to Sydney Water may include:

- water main shutdown and disinfection;
- connection of new water mains to Sydney Water system(s);
- design and construction audit fees;
- contract administration, Operations Area Charge & Customer Redress prior to project finalisation;
- creation or alteration of easements etc; and
- water usage charges where water has been supplied for building activity purposes prior to disinfection of a newly constructed water main.

Note: Payment for any Goods and Services (including Customer Redress) provided by Sydney Water will be required prior to the issue of the Section 73 Certificate or release of the Bank Guarantee or Cash Bond.

Your Coordinator can tell you about these costs.

6. Stamping and Approval of your Building Plans

You must have your building plans stamped and approved **before the Certificate can be issued**. **Building construction work MUST NOT commence until Sydney Water has granted approval**. Approval is needed because construction/building works may affect Sydney Water's assets (e.g. water and sewer mains).

Your Coordinator can tell you about the approval process including:

- Your provision, if required, of a "Services Protection Report" (also known as a "pegout"). This is needed to check whether the building and engineering plans show accurately where Sydney Water's assets are located in relation to your proposed building work. Your Coordinator will then either approve the plans or make requirements to protect those assets before approving the plans;
- Possible requirements;
- Costs; and
- Timeframes.

You can also find information about this process (including technical specifications) if you either:

- visit www.sydneywater.com.au > Building and Developing > Building and Renovating. Here you can find Sydney Water's *Guidelines for Building Over/Adjacent to Sydney Water Assets*; or
- call 13 20 92.

Notes:

- The Certificate will not be issued until the plans have been approved and, if required, Sydney Water's assets are altered or deviated;
- You can only remove, deviate or replace any of Sydney Water's pipes using temporary pipework if you have written approval from Sydney Water's Development Operations Branch. You must engage your Coordinator to arrange this approval; and
- You must obtain our written approval before you do any work on Sydney Water's systems. Sydney Water will take action to have work stopped on the site if you do not have that approval. We will apply Section 44 of the *Sydney Water Act 1994*.

OTHER THINGS YOU MAY NEED TO DO

Shown below are other things you need to do that are NOT a requirement for the Certificate. They may well be a requirement of Sydney Water in the future because of the impact of your development on our assets. You must read them before you go any further.

Disused Sewerage Service Sealing

Please do not forget that you must pay to disconnect all disused private sewerage services and seal them at the point of connection to a Sydney Water sewer main. This work must meet Sydney Water's standards in the NSW Code of Practice for Plumbing and Drainage (the Code) and be done by a licensed drainer. The licensed drainer must arrange for an inspection of the work by a Sydney Water plumbing and draining inspector. After Sydney Water's inspector has looked at the work, the drainer can issue the Certificate of Compliance. The Code requires this.

Soffit Requirements

Please be aware that floor levels must be able to meet Sydney Water's soffit requirements for property connection and drainage.

Trade Waste Information

Should this development generate trade wastewater, this notice of requirements does not guarantee the applicant that Sydney Water will accept the trade wastewater to its sewerage system. In the event trade wastewater is generated, the property owner is required to submit an application for permission to discharge trade wastewater to the sewerage system before business activities commence. A boundary trap will be required for all developments that discharge trade wastewater where arrestors and special units are installed for trade waste pre-treatment.

If this development type is "**Industrial**" then the property may be part of sewerage catchment subject to a wastewater reuse scheme. This may impact the level of pollutants such as Total Dissolved Solids (TDS) that Sydney Water will accept from the property to the sewerage system. Businesses wishing to discharge wastewater (other than domestic sewage) should first contact a Sydney Water Trade Waste Office.

Prospective Purchasers should be made aware of the above situation under the

requirements of vendor disclosure.

For further information please visit the Sydney Water website at: <http://www.sydneywater.com.au/OurSystemsAndOperations/Tradewaste/>

To contact a Trade Waste Customer Service Representative please see below for Local Government Areas and their relevant contact number.

For the following LGA's the contact number for a Trade Waste Customer Representative is (02) 8805 5550:

Auburn, Baulkham Hills, Blacktown, Blue Mountains, Holroyd, Hornsby, Hunters Hill, Kuring-gai, Lane Cove, Manly, Mosman, North Sydney, Parramatta, Penrith, Pittwater, Ryde, Sydney, Warringah, Waverley, Willoughby, Woollahra

Backflow Prevention Information

All properties with a connection to the water supply, must install a backflow prevention containment device. All containment devices must be installed on the outlet side of each master water meter/s supplying the property. In circumstances where there is no master meter/s the backflow prevention containment device shall be installed on the water supply where it enters the property boundary.

Separate hydrant and sprinkler fire services, require the installation of a testable double check detector assembly. The device must be installed close to where the water service crosses the property boundary, upstream of any component of the fire service.

The backflow prevention containment device must be installed as a condition of continued use of the water supply. Failure to install and maintain the device may result in disconnection of the water service. A copy of Sydney Water's Backflow Prevention Policy is available on the Sydney Water Website at:

<http://www.sydneywater.com.au/Plumbing/BackflowPrevention/>

Fire Fighting

Definition of fire fighting systems is the responsibility of the developer and is not part of the Section 73 process. It is recommended that a consultant should advise the developer regarding the fire fighting flow of the development and the ability of Sydney Water's system to provide that flow in an emergency. Sydney Water's Operating Licence directs that Sydney Water's mains are only required to provide domestic supply at a minimum pressure of 15 m head.

A report supplying modelled pressures called the Statement of Available pressure can be purchased through any Quickcheck agent and may be of some assistance when defining the fire fighting system. The Statement of Available pressure, may advise flow limits that relate to system capacity or diameter of the main and pressure limits according to pressure management initiatives. If mains are required for fire fighting purposes, the mains shall be arranged through the water main extension process and not the Section 73 process.

Large Water Service Connection

A water main are available to provide your development with a domestic supply. The size of your development means that you will need a connection larger than the standard domestic 20 mm size.

To get approval for your connection, you will need to lodge an application with a Quick Check Agent or at a Sydney Water Customer Centre. You, or your hydraulic consultant, may need to supply the following:

- A plan of the hydraulic layout;
- A list of all the fixtures/fittings within the property;
- A copy of the fireflow pressure inquiry issued by Sydney Water;
- A pump application form (if a pump is required);
- All pump details (if a pump is required).

You will have to pay an application fee.

Sydney Water does not consider whether a water main is adequate for fire fighting purposes for your development. We cannot guarantee that this water supply will meet your Council's fire fighting requirements. The Council and your hydraulic consultant can help.

Disused Water Service Sealing

You must pay to disconnect all disused private water services and seal them at the point of connection to a Sydney Water water main. This work must meet Sydney Water's standards in the NSW Code of Practice for Plumbing and Drainage (the Code) and be done by a licensed plumber. The licensed plumber must arrange for an inspection of the work by a Sydney Water plumbing and draining inspector. After Sydney Water's inspector has looked at the work, the drainer can issue the Certificate of Compliance. The Code requires this.

Other fees and requirements

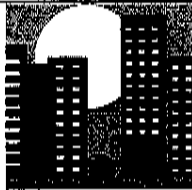
The requirements in this Notice relate to your Certificate application only. Sydney Water may be involved with other aspects of your development and there may be other fees or requirements. These include:

- plumbing and drainage inspection costs;
- the installation of backflow prevention devices;
- trade waste requirements;
- large water connections and
- council fire fighting requirements. (It will help you to know what the fire fighting requirements are for your development as soon as possible. Your hydraulic consultant can help you here.)

No warranties or assurances can be given about the suitability of this document or any of its provisions for any specific transaction. It does not constitute an approval from Sydney Water and to the extent that it is able, Sydney Water limits its liability to the reissue of this Letter or the return of your application fee. You should rely on your own independent professional advice.

END

FACSIMILE



67 Callagher St.
Mt Druitt, 2770

**Joeline Electrical
Engineer Consultant**

Telephone: 02 9832 4803
Facsimile: 02 9675 2592
Mobile: 04383 24803

Email:
joeline@bigpond.com
ABN Number: 23393960174

To: Kim Shmuel
Company: JBA Planning
Tel: 02 9956 6962
Fax: 02 99566143
From: Joseph Rahme
Cc:

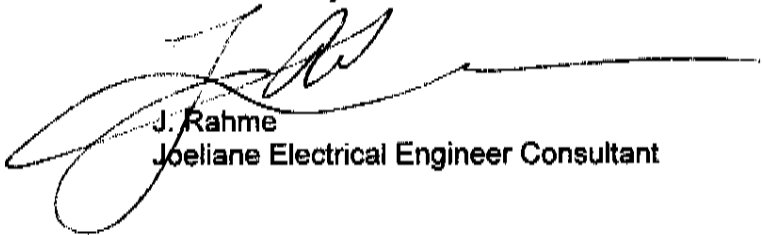
Date: 3 March 2010
Pages including this page: 2

RE: MARSDEN STREET PARRAMATTA

Please find attached the Integral Energy letter as you requested.

For any further information, please do not hesitate to contact Joseph Rahme on mobile 0438 324803.

Yours faithfully



J. Rahme
Joeline Electrical Engineer Consultant

25 August 2009

FAXED
25/8/09

Integral Energy Ref: UCL4810 – 2009/04025/001
Customer Ref:

JOELIANE ELECTRICAL ENGINEER CONSULTANT
67 Callagher Street
MT DRUITT NSW 2770

Attention: J Rahme

Dear Sir/Madam

UCL4810 – Connection of Load Application 134-140 MARSDEN STREET, PARRAMATTA

Thank you for your application regarding the above development, this application has been registered under the customer application number shown above. **Please quote this number on any further correspondence.**

This letter with, the attachments **do not** allow the release of linen plans from the Constituent Council or from your Private Certifier.

The attached NOTICE FOR CONSTITUENT COUNCIL may be forwarded to the Constituent Council or your Private Certifier with whom your building application was originally lodged. This will facilitate the release of your Development(DA)/Building(BA) Approval or a Construction Certificate.

EASEMENT SITES:

A substation easement site **will** be required on this property and Integral Energy will determine the type of substation required. In some circumstances an indoor substation will be required and this must be considered when architectural plans are being designed.

When the substation site needs have been finalised an easement site must be shown on the land title plans.

For Strata Title developments, *prior to release of these plans from the Constituent Council a **Compliance Certificate** will be required from Integral Energy.* Please supply three (3) copies of the linen plan and two (2) copies of the 88B Instrument.

In Reply Quote: UCL4810
Huntingwood Drive, Huntingwood NSW 2148 Postal Address: PO Box 6366, Blacktown NSW 2148. DX 8148 Blacktown
Telephone: (02) 9853 6234 Facsimile: (02) 9853 6461 Integral@integral.com.au
25/08/2009

DUCT INSTALLATION:

The developer will be required to arrange for the installation of cable ducts across all driveways and any paved footpath areas along the frontage of this lot within Integral Energy's alignment. Prior to any of this type of work commencing, the developer will need to contact DIAL BEFORE YOU DIG on Tel. No 1100 in order to check if any cables/ducts exist, or other Utility/Authorities assets are within the vicinity.

As ducts are required please purchase the ducts from any ducts supplier and install as shown on the attached drawing. Please contact Integral Energy and we will inspect the ducts installed and then reimburse the 125mm ducts at \$19.00/m and reimburse the 50mm ducts at \$6.00/m (this reimbursement includes all installation costs). **All claims for reimbursements are to be by Tax Invoice, quoting ABN and adding GST.** Once the Permission to Connect has been issued the reimbursement will be processed by Integral Energy. Please contact Integral Energy's Customer Consultant on 98536234 to arrange for the processing of the claim.

Please note the provision of ducts by Integral Energy in lieu of payment of a reimbursement is available if requested by the Customer.

Where additional ducts are required for Integral Energy future use, the reimbursement paid will be determined at finalisation of the requirements.

Prior to installation of any ducts within the road alignment the developer must submit an application in accordance with the Road Act application to the Roads Authority for permission to excavate and for appropriate reinstatement.

BALANCING LOAD:

Where the development consists of three or more dwellings the electrical load, should be balanced over three phases. The electrical contractor will need to be advised of this requirement prior to the construction stage.

EXISTING ASSETS:

Should any Integral Energy Assets exist within the proposed development then arrangements must be made with Integral Energy to ensure that the integrity of these assets is maintained.

POWER FACTOR REQUIREMENTS:

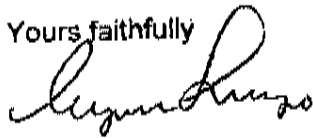
When a clearance letter is issued your Electrical Installation **must** comply with a minimum 0.9 lagging Power Factor in accordance with the NSW service and installation rules.

The conditions stated in this letter are valid for three months from the date of this letter. Integral Energy reserves the right to amend the conditions at any time subject to any regulatory approval or changes to the final electrical load details for this development.

After the above requirements have been met an Accredited Level 2 Service Provider will need to be engaged for advice and connection of the builder's service or the electrical service for the final supply. *A of level 2 Service Providers can be obtained from Office of Fair Trading, Department of Commerce (02 9895 0008 or Fax (02) 9895 0799 or on the web site www.fairtrading.nsw.gov.au*

Should you have any enquiries regarding your application please do not hesitate to contact our Customer Consultant on (02) 9853 6234.

Yours faithfully



Eugene Lorenzo
Contestable Works Officer
NETWORK CONNECTIONS - Huntingwood

Attachment: 1) Notice For Constituent Council

In Reply Quote: UCL4810
Huntingwood Drive, Huntingwood NSW 2148 | Postal Address: PO Box 6366, Blacktown NSW 2148. DX 8148 Blacktown
Telephone: (02) 9853 6234 Facsimile: (02) 9853 6461 integral@integral.com.au
25/08/2009



POSTAL ADDRESS
PO BOX 6366
HUNTINGWOOD NSW 2148
integral@integral.com.au

Telephone: 9853
Fax: (02)

In reply quote: **UCL4B10**

Your Contact: **Eugene Lorenzo**

**NOTICE FOR CONSTITUENT COUNCIL
FOR THE LODGEMENT OF DEVELOPMENT APPLICATION OR BUILDING APPLICATION OR
RELEASE OF CONSTRUCTION CERTIFICATE**

**ELECTRICITY SUPPLY - PROPOSED DEVELOPMENT AT:
134-140 MARSDEN STREET, PARRAMATTA**

This notice **does not** allow the release of linen plans from the Constituent Council or from the Private Certifier.

The Development(DA)/Building(BA) Approval or Construction Certificate should incorporate Integral Energy's requirements as follows:

1. The electrical supply for this development **will** be underground and installed in accordance with the New South Wales Service and Installation Rules. However, the electrical service mains can originate from Integral Energy's existing overhead network, provided a private service pole is installed on the development and the service mains are installed beneath the ground.
2. An *Accredited Level 3 Service Provider* **will** need to be engaged. It is recommended that the appointment of an Accredited Service Provider both Level 3 (Design) and Level 1 (Construction) be carried out as early as possible to meet your proposed/planned supply date.
3. A indoor substation easement is required on this development.
4. Prior to completion of the development and connection of the final load, the developer **will** be required to arrange for the installation of electrical conduits within the road alignment along the property frontage under the driveways to this development. The developer must submit a Road Act application to the Roads Authority for permission to excavate and for appropriate reinstatement.
5. Where the development consists of three or more dwellings the electrical load should be balanced over three phases. The electrical contractor will need to be advised of this requirement prior to the construction stage.

For developments that require Strata Title plans and *prior to release of these plans from the Constituent Council a **Compliance Certificate** will be required from Integral Energy.*

The conditions stated in this notice are valid for three months from the date of this notice. Integral Energy reserves the right to amend the conditions at any time subject to any regulatory approval or changes to the final electrical load details for this development.

Dated this Tuesday, 25 day of August 2009.

For and on behalf of
INTEGRAL ENERGY

Eugene Lorenzo
Contestable Works Officer
NETWORK CONNECTIONS

21 August 2009

Integral Energy Ref: UCL4810 – 2009/04025/001
Customer Ref:

JOELIANE ELECTRICAL ENGINEER CONSULTANT
67 Callagher Street
MT DRUITT NSW 2770

Attention: J Rahme

Dear Sir

UCL4810 – Connection of Load Application 134-140 Marsden Street, PARRAMATTA

Integral Energy acknowledges your application and it is filed under the Customer Application Number shown above. Please quote this number on any further correspondence.

Integral Energy will assess your application and you will receive further advice about your requirements for your connection after an initial investigation has been carried out which should take approximately two weeks.

This letter does not allow release of plans from the Constituent Council or from your Private Certifier.

Should you have any enquiries regarding your application please do not hesitate to contact our Customer Consultant on (02) 9853 6234.

Yours faithfully

Debbie Brindley

Debbie Brindley
Contestable Works Administrator
NETWORK CONNECTIONS - Huntingwood

Going further for you is what we do

In Reply Quote: UCL4810
Huntingwood Drive, Huntingwood NSW 2148 Postal Address: PO Box 6366, Blacktown NSW 2148, DX 8148 Blacktown
Telephone: (02) 9853 6234 Facsimile: (02) 9853 6461 ✉ integral@integral.com.au



The power is in your hands

02 September 2009

Integral Energy Ref: UCL4810 – 2009/04025/001
Customer Ref:

JOELIANE ELECTRICAL ENGINEER CONSULTANT
67 Callagher Street
MT DRUITT NSW 2770

Attention: J Rahme

Dear Sir/Madam

UCL4810 – Connection of Load Application 134-140 Marsden Street, PARRAMATTA

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 Integral 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 Integral Energy.

This activity has been classified contestable as per the Network Connections General Terms & Conditions, the funding of this work is your responsibility.

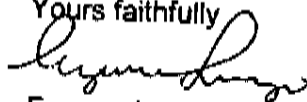
This letter and its attachments are for your information as a base to obtain the services from an Accredited Level 3 Service Provider.

A list of Accredited Level 3 Service Providers is available from Office of Fair Trading, Department of Commerce (02 9895 0008 or Fax (02) 9895 0799 or on the web site www.fairtrading.nsw.gov.au).

A design fee estimate is enclosed 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 our Customer Consultant on (02) 9853 6234.

Yours faithfully



Eugene Lorenzo
Contestable Works Officer
NETWORK CONNECTIONS - Huntingwood

Going further for you is what we do

Reply Quote: UCL4810
Huntingwood Drive, Huntingwood NSW 2148
Integral Energy Pty Ltd
51 Huntingwood Drive Huntingwood NSW 2148
www.integral.com.au

Postal Address: PO Box 6366, Blacktown NSW 2148
Facsimile: (02) 9853 6461
Integral@integral.com.au





DESIGN FEE ESTIMATE

03-SEP-2009 11:57

INTEGRAL ENERGY

0298535045

P.02



02 September 2009

Integral Energy Ref: UCL4810

Integral Energy
PO Box 6366
Blacktown NSW 2148

Attention: Eugene Lorenzo

NOTICE OF ADVICE

APPOINTMENT OF ACCREDITED DESIGNER FOR THE PROPOSED DEVELOPMENT AT:
134-140 MARSDEN STREET, PARRAMATTA

*** 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 Integral 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 Integral Energy Australia 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: UCL4810
DATE: 02 September 2009

SUBJECT: SUPPLY OFFER FOR
134-140 Marsden Street, PARRAMATTA

Integral 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.

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 yours needs and also comply with Integral 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 taking into account soil type, clay, rock, etc.
- 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.

Supply Offer

(based on a desktop assessment)

Assessed Load: 3500A/phase (2500kVA)

Linkage Point and Connection Asset requirements:

An indoor substation is required for this size of load. The indoor sub to be situated in Hunter St frontage as per the site plan submitted.

The indoor sub is to have a minimum three incoming HV switches.

There is sufficient capacity in the existing HV feeder 5479.

The linkage point can be obtained from the existing HV underground mains along Marsden St.

As this will be the first Sub from the ZS, a 240mm² Cu XLPE 11kV cable is to be used.

It is also required to install type 24 ducts (in addition to existing, if any) along the Hunter St Frontage from Marsden St to the front of sub 25588.

A minimum type 26 ducts are required from the indoor sub to the frontage of Hunter St.

Initial Funding assumptions for purposes of preparing an asset valuation

Integral Energy Supplied Materials:

1x 1500 and 1x 1000kVA transformers

Integral Energy Funded and Constructed:

Nil

Integral Energy Funded and Customer (ASP L1) Constructed – Reimbursement Paid by Integral Energy:

Spare ducts based on Fact Sheet 11.

Reimbursement to be paid to Integral Energy by Customer:

ASP to advise

Customer Funded Non-Contestable Works:

Monopoly fees.

First STJ from the ZS.

Customer Funded Contestable Works:

All other works.



DESIGN FEE ESTIMATE

ABN 59 253 130 878

Applicant (Name) **JOELIANE ELECTRICAL ENGINEER**
Address: **CONSULTANT**
 67 Callagher Street
 MT DRUITT 2770

Proposed Location: 134-140 Marsden Street
PARRAMATTA

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

Administration Fee	02-09-2009	\$	210.00
Design Certification Fee	02-09-2009	\$	1590.00
Design Information Fee	02-09-2009	\$	1760.00
Property Tenure Bond	02-09-2009	\$	15000.00
Total		\$	18560.00

Please also note that if there are any network assets to be placed within the private property there will be easement creation requirement in favour of Integral Energy. Integral Energy is prepared to accept a property tenure bond while the property owner is in the process of creating the easement. Integral Energy will return the property tenure bond after the easement has been registered with the Land and Property Information (NSW).

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 Integral Energy will send a request for the fees and property tenure bond payment (if required) to your nominated party as indicated in the returned Notice of Advice from you or your Level 3 Service Provider.

CAP No. : UCL4810 File No: 2009/04025/001