

3.0 Water

The Water supply to the site will take the form of multiple supplies, one for the block of apartments and one for each town House. The Water meters will be located in the footpath at the front of the building. The Water supplies will take the form of individual 32mm domestic supplies to each House and a 63mm combined fire and domestic supply to the main apartment block. From the water meters the main supply will drop into the basement plantroom to feed the central cold water/Sprinkler storage tank. Each of the house supplies will run at high level through the car park to serve each house. Each apartment and the landlord areas will be charged separately by the supply authority via sub-meters located on each supply.

4.0 Electricity

The electrical supply serving the site will be derived from an existing local substation within the Mews, adjacent to the site. The supply will be trenched to the site boundary where it will be ducted to an incoming basement location. From here metered supplies to the apartments will be routed through the building to form a Landlord's BNO network. Supply authority metering will be located within each of the apartments.

5.0 Communications

A new fibre telecommunications network will be installed throughout the new development. The provider will likely be BT or Virgin. An IT intake is located in the basement IT room directly adjacent to the High Street. The network will be provide high speed broadband and television services through the development. Final selection of the provider will be undertaken during the next design stage.



2 Appendix

2.1 Appendix 1 - Utilities Tracker

Hamilton Hill Utilities Tracker Rev 03

Utility	Account Number	Service Address	Service Type	Account Status	Account Type	Account Category	Account Sub-Category	Account Description	Account Notes
Water	123456789	123 Main St, Los Angeles, CA 90001	Water	Active	Residential	Water	Water	Water service provided to the property.	
Gas	987654321	123 Main St, Los Angeles, CA 90001	Gas	Active	Residential	Gas	Gas	Gas service provided to the property.	
Electric	456789012	123 Main St, Los Angeles, CA 90001	Electric	Active	Residential	Electric	Electric	Electric service provided to the property.	
Sanitary Sewer	321098765	123 Main St, Los Angeles, CA 90001	Sanitary Sewer	Active	Residential	Sanitary Sewer	Sanitary Sewer	Sanitary sewer service provided to the property.	
Storm Sewer	210987654	123 Main St, Los Angeles, CA 90001	Storm Sewer	Active	Residential	Storm Sewer	Storm Sewer	Storm sewer service provided to the property.	
Telephone	109876543	123 Main St, Los Angeles, CA 90001	Telephone	Active	Residential	Telephone	Telephone	Telephone service provided to the property.	
Cable	098765432	123 Main St, Los Angeles, CA 90001	Cable	Active	Residential	Cable	Cable	Cable service provided to the property.	
Internet	987654321	123 Main St, Los Angeles, CA 90001	Internet	Active	Residential	Internet	Internet	Internet service provided to the property.	

City of Los Angeles
Department of Public Works
Engineering Division
1000 South Flower Street, Suite 200
Los Angeles, CA 90015
Phone: (213) 475-3000
Fax: (213) 475-3000

M&E SERVICES
MEMORANDUM 03



2.2 Appendix 2 - Gas Quotation



SVM Consulting Engineers
Chiltern House ♦ 184 High Street ♦ Berkhamsted ♦ Herts ♦ HP4 3AP
T: 01442 869369 F: 01442 869360

Our Ref: 1151175

Network: SOUTHERN

Your Ref:

Date: 26-MAY-2016

Ian Pope
Svm Consulting Engineers
Chiltern House
184 High Street
Berkhamsted
Hertfordshire
HP4 3AP



SGN Connections Limited
St Lawrence House
Station Approach
Horley
Surrey
RH6 9HJ
Tel: 0845 070 1431

Dear Svm Consulting Engineers,

Re: 63-71, High Street, Hampton Hill, Hampton, Middlesex, TW12 1NH.

I am pleased to provide you with a Quotation for Infrastructure Works. Southern Gas Networks plc's Siteworks Terms for Below 7 Barg Infrastructure Works (as amended by this quotation) shall apply to the contract formed by your Acceptance of this Quotation, and shall be deemed to be incorporated into and form part of that contract.

Please note SGN Connections Limited is acting as an agent for Southern Gas Networks plc, who will in fact carry out the work. Your contract will be with Southern Gas Networks plc.

The relevant Annex for the purposes of this Quotation is Annex 1.

The total cost (including VAT) is **£7004.88**

To accept the quotation, please complete the enclosed acceptance form and return it to the specified address.

This quotation is valid for 90 calendar days unless the quotation is withdrawn before the end of this period.

This quotation is produced on the basis, and is conditional upon the assumptions set out in the accompanying documentation being correct.

Your acceptance of this quotation will be taken to mean that you also accept that the stated assumptions are correct. If it is later determined, by either party prior to works commencing on site, that any stated assumption is significantly incorrect, SGN Connections Limited will determine whether the quotation shall be varied or withdrawn.

Works will only then commence if any variation is agreed in line with the relevant Siteworks Terms.

We look forward to receiving your Acceptance Form and if you have any queries please do not hesitate to contact the Customer Service Centre on 0845 070 1431.

Yours sincerely,

Vaishali Puri

24 hour gas escape number 0800 111 999*
*Calls will be recorded and may be monitored

SGN Connections Limited is part of the Scotia Gas Networks group
Registered in England No. 05618886
Registered Office: St.Lawrence House, Station Approach, Horley, Surrey RH6 9HJ
Web: www.sgn.co.uk

Our Ref: 1151175	Your Ref:
Customer Name: Ian Pope	Network: SOUTHERN
Date of Request: 26-Apr-2016	Date of Quotation: 26-MAY-2016
	Quotation Valid Until: 24-AUG-2016
Site Address: 63-71, High Street, Hampton Hill, Hampton, Middlesex, TW12 1NH.	
Description of Works/Comments:	
<p>New Service</p> <p>SGN Connections to connect to the existing 180mm PE LP main in farside carriageway of High Street and install a new PE LP main across the public road/footpath, entering the site of 63-71. With a transition from PE to Steel, enter basement via below ground entry & construct a 9 meter manifold in steel. Terminate with 8 x 3/4" + 1 x 2" capped ECVs. This quote does not include for any gas meters.</p> <p>SGN Connections will provide all excavation and reinstatement of the trenches up to your site boundary.</p> <p>Quotation is based on assumption that the meters will terminate immediately upon entry to basement. If however this is not the case then this contract will be terminated.</p> <p>Quotation is based on assumption that there is no private excavation on site. If however this is not the case then a variation will be required which may incur additional charges to customer.</p>	
Site Visited: No	
Excavation of Public Highway: SGN	Excavation of Private Property: NONE
Termination Point:	
Below Ground Entry	
Pressure at Emergency Control Valve (ECV):	Low Pressure (19 to 75 mbar)
ECV Size	8 x 3/4" + 1 x 2" capped
Load Details:	
Annual Quantity kWh:782245	Supply Hourly Quantity kWh:800
Meter Housing Details (if required)	
Internal meter positions	
Meter Housing Base Details (if required)	
N/A	
Other:	
Special Features/Conditions	
<p>Your quotation is issued under SGN's 'Siteworks Terms and Conditions', located at www.sgn.co.uk and follow the link under "Publications" then "Connections" or alternatively a copy can be provided upon request. Please note it may be possible to obtain an alternative quote from other Gas Transporters (GT) or Utility Infrastructure Providers (UIP) for the provision of this work. A list of registered UIPs can be obtained from the Gas Industry Registration Scheme website; ir.org/en/energy/utilities-and-building-assurance-schemes/gas-industry-registration-scheme/girs-search.aspx. The Energy & Utilities Alliance can provide information about alternative installers at eua.org.uk and follow the link to "Utility Networks", then "Utility Infrastructure Providers" (UIP). A list of Gas Transporters can be found on the Ofgem website ofgem.gov.uk/publications-and-updates/list-all-gas-licensees-registered-or-service-addresses.</p>	
Engineering Difficulties:	
<p>The new connection pipe crosses the public road/footpath/verge. Traffic management/lights and safety fencing will be required.</p> <p>If any unknown obstructions are found hindering the proposed supply route, then an alternative route may have to be arranged, which may incur additional costs.</p> <p>Operations Note: A standard permit has been charged for the duration of works in public highway.</p> <p>Traffic sensitive.</p>	
SGN Plc Funded Enhancements:	

24 hour gas escape number 0800 111 999*
 *Calls will be recorded and may be monitored

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 Web: www.sgn.co.uk

To ensure that the existing gas infrastructure can manage your new gas load(s), Southern Gas Networks will need to run further analysis upon acceptance of this quotation (Security of Supply Check). If the existing infrastructure requires reinforcing to accommodate your load(s), then this will incur time delays to the installation of your gas supplies. Reinforcement costs will be met by Southern Gas Networks and we will contact you where required.

Works Required to be done by the Customer:

You must ensure the suitability of the proposed meter location and associated controls have been assessed by your preferred meter installer, including that there is adequate space for the installation. If the proposed position is inappropriate then a new request should be submitted specifying your revised meter location.
It is your responsibility to ensure that the works area is free from any obstructions prior to commencement of works. You are responsible for all outlet work and outlet connections from the meter (via Gas Safe registered engineer).

SCAFFOLDING - Please note SGN engineers will not work underneath scaffolding due to Health & Safety Regulations. Please ensure that all scaffolding has been removed prior to commencement of works to avoid any undue delays.

This quotation includes a cost for obtaining a permit issued by the local authority to allow for SGN to carry out your work. This permit will only be valid for the agreed planned dates. Once issued should you decide to make any changes to the agreed dates (this includes but is not exclusive to: delaying the job because the site is not ready; making changes to the design; cancelling of the quotation; etc.) then another permit will need to be applied for and additional charges for this will be charged to you.

You are to ensure that the meter position is naturally ventilated to the outside atmosphere to comply with the industry standards.

- The ventilation must be a minimum 2% of the notional floor area of the room in which the meter is located, this ventilation should be split 50/50 between high and low level around the outside walls. Where only one wall is used, the ventilation needs to be increased to 3%.

- If the meter room contains any electrical equipment including lighting, then the room must be ventilated in accordance with IGE/GM/7B requirements.

If upon commencement of the works adequate ventilation has not been installed for the meter then the work will be cancelled and will not be carried out until the required ventilation is provided.

Customer to contact shipper for suitable meters.

Costs:	
Infrastructure Cost:	£ 6007.87
Design Charge Costs:	£ 181.07
Existing Mains Infill Contribution:	£ 0.00
Meter Housing/Kiosk excluding Base costs:	£ 0.00
Meter Housing/Kiosk Base costs:	£ 0.00
Specialist Reinstatement:	£ 0.00
Estimated Easement Costs:	£ 0.00
Reinforcement A Cost:	£ 0.00
Reinforcement B Cost:	£ 0.00
Less Connection Allowance:	£ 0.00
Contract Sum:	£ 6188.94 (plus VAT at applicable rate)
Payment Details	
Daily Liquidated Damages are	£ 100.00
Liquidated Damages cap is	£ 1547.24

24 hour gas escape number 0800 111 999*
*Calls will be recorded and may be monitored

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ASSUMPTIONS

Unless stated otherwise this quotation is given subject to the assumptions/conditions set out in the relevant terms and conditions, together with the additional assumption(s) set out below. In the event of any inconsistency between any part of the quotation and these assumptions, the following assumptions shall prevail. If you accept this quotation, we will also assume that all of the assumptions are correct:

- Plans have been created by merging your supplied plans with SGN's network maps, and therefore the new site location is an approximate only. Any change in service lengths may incur additional costs to you.
It is assumed road/lane closures are not required, if closures are required then this quotation may be subjected to additional costs/extended lead times.

Your quotation is based on the assumption that there are no obstacles, special circumstances or issues affecting the connections works. If this is this not the case then a revised quotation will be required.

Quotation based upon an hourly load of 35 kW and an Annual Quantity of 15021 kWh per flat, as per the information provided by yourselves.

Quotation based upon an hourly load of 520 kW and an Annual Quantity of 662077 kWh per flat, as per the information provided by yourselves.

Please note; by accepting this quotation, you agree that the design charge of £181.07(inc.applicable VAT) is non-refundable in the event of this quotation being cancelled on post-acceptance.

Lead times are subject to obtaining road opening notices from the relevant authority and are therefore liable to change. Any traffic management costs which may be required will be subject to a chargeable variation.

It is assumed that no easements will be required to undertake these works. If easements or consents are required these must be in place prior to start of works, additional delays/costs may apply. Additional delays for an easement are approx 16 weeks.

KEY DATES

The lead times associated with the Key Dates for this quotation are:

Physical Commencement Target date	55
Substantial Completion Target date	3
Final Completion Target date	7

You should note that these lead times are indicative only and are provided for information purposes. These Key dates are based on current programmed work in the area, and may be extended for operational reasons, increased workloads or to allow for additional time to give any required notice to a Highway Authority. The lead times set out above are in no way binding upon Southern Gas Networks plc or its contractors or agents.

REINSTATEMENT

When a specialist surface (e.g. a mosaic, coloured tarmac, tiles, etc) is encountered within private land, we will, as part of the works, reinstate the excavated land with black tarmac or re-laid slabs or bricks (without any damaged slabs or bricks being replaced by new ones) in accordance with the terms and conditions applying to the works. Alternatively, you may request that we employ a specialist reinstatement contractor to reinstate the surface and we will charge the actual costs incurred in respect of the hire of the specialist contractor, plus a "work management" charge. There is no guarantee that an exact match can be achieved, particularly if the existing surface is weathered or the original surfacing material is no longer manufactured. To request that we employ a relevant contractor to reinstate the specialist surface, you will need to complete a Specialist Reinstatement Form and return it to us. To obtain a form, please contact the Customer Service Centre on 0845 070 1431.

Please arrange to relocate or protect growing plants, as unfortunately we are unable to replace them if they are destroyed or damaged.

24 hour gas escape number 0800 111 999*
*Calls will be recorded and may be monitored

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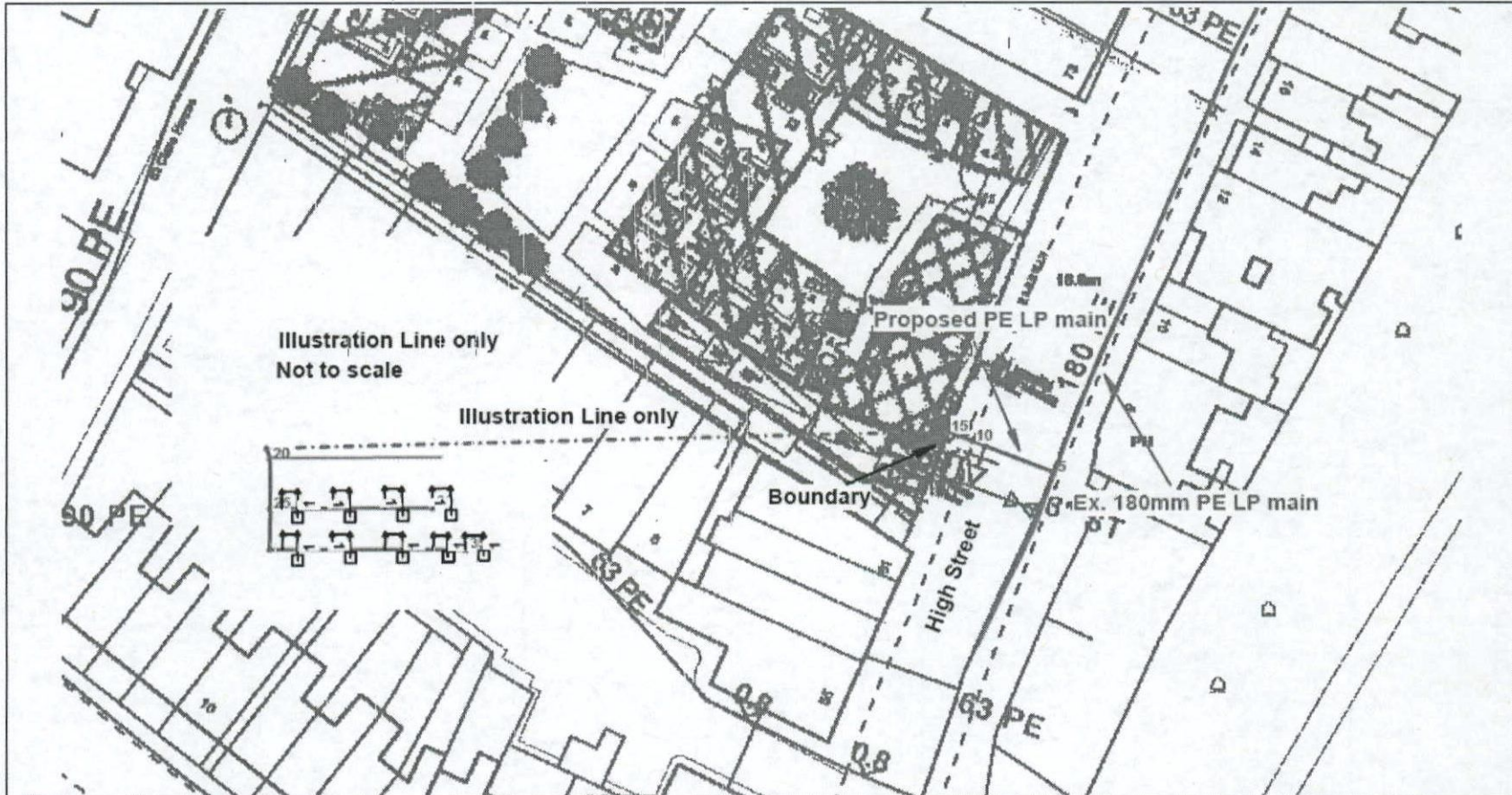
GENERAL


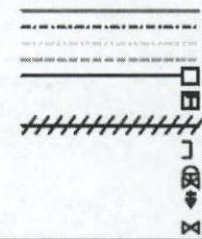
Shippers are responsible for registering the supply point under the Network Code before SGN Connections Limited will allow gas to flow beyond the emergency control valve. Please ensure all actions required of a Shipper in relation to the registration of the supply point are completed in a timely manner to ensure the successful registration of this gas connection. If gas is off-taken without completion of the registration process Southern Gas Networks plc has rights under the Gas Act to isolate the gas supply without notice.

Any amendments to the quotation must be expressly agreed in writing with us, as unauthorised amendments will invalidate the quotation.

24 hour gas escape number 0800 111 999*
*Calls will be recorded and may be monitored

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Registered in England No. 05618886
Registered Office: St Lawrence House, Station Approach, Horley, Surrey RH6 9HJ
Web: www.sgn.co.uk



 <p>SGN Connections A Scotia Gas Networks Company</p>	<p>Scotia Gas Networks St. Lawrence House Station Road Horley, Surrey</p>	<p>Designed By: VP70901 Date: 25/05/2016 Drawing Number: Scale: 1:500 @ A4, 210 x 297 mm</p> <p>Work Description: SGN Connections to connect to the existing 150mm PE LP main in far side carriageway of High Street and install a new PE LP main across the public road/footpath, entering the site of 63-71. With a transition from PE to Steel, enter basement via below ground entry & construct a 9 meter manifold in steel. Terminate with 8 x 3/4" + 1 x 2" capped ECVs. This quote does not include for any gas meters.</p> <p>SGN Connections will provide all exoavation and reinstatement of the trenches up to your site boundary.</p>	<p>Drawing Key: LP Main: MP Main: IP Main: HP Main: Proposed Service: Proposed Termination: Pipes To Be Abandoned: Cap End: Governor: Change Of Diameter: Valve:</p>
<p>Reference: 1151175 Site Address: 63-71 High Street Hampton Hill Hampton Middlesex TW12 1NH</p>			

2.3 Appendix 3 - Water Quotation

New Service Connection Quotation



Thames Water
 Developer Services
 3rd Floor West
 Clearwater Court
 Vastern Road
 Reading RG1 8DB
 Phone 0800 009 3921
 developer.services@thameswater.co.uk

Date 16 May 2016
 Quotation 20049327
 Notification 80115564
 Reference DS4011304

Bill to party details:

Name SVM Consulting Engineers
 Company Name
 Address 184 High Street

Site Address 63 - 71 High Street, Hampton Hill
 Middlesex
 TW12 1NH

City, Post Code HAMPTON HP4 3AP
 Phone

Lane Rental Charges are not included within this quotation and Thames Water will be required to recover these charges prior to progressing the works (or after completion of any works) if they are applicable to your connections. Please refer to the letter accompanying this quotation for further information.

Work Description: 1x63mm Barrier Pipe combined fire and domestic supply with 33 Internal Fit Meters, 8x32mm metered Barrier Pipe supplies - New domestic

This quotation is valid until 12 November 2016

DESCRIPTION	QTY	RATE	VAT	£AMOUNT
Connection(s) >32mm	1.00	n/a	0.00	6,112.11
Infrastructure Charges Clean Water	41.00	357.60	0.00	14,661.60
Infrastructure Charges Waste Water	41.00	357.60	0.00	14,661.60
Connection In Footpath	1.00	706.33	0.00	706.33
Excavation Charge per M in footpath	1.00	101.50	0.00	101.50
Barrier Pipe Charge per metre 32mm con	1.00	4.00	0.00	4.00
Barrier Pipe Additional Charge 32mm Connection	1.00	55.00	0.00	55.00
Connection No Excavation	1.00	367.13	0.00	367.13
Additional Charge per M No Excavation	1.00	8.50	0.00	8.50
Barrier Pipe Charge per metre 32mm con	1.00	4.00	0.00	4.00
Barrier Pipe Additional Charge 32mm Connection	1.00	55.00	0.00	55.00
Connection In Footpath	1.00	706.33	0.00	706.33
Excavation Charge per M in footpath	1.00	101.50	0.00	101.50
Barrier Pipe Charge per metre 32mm con	1.00	4.00	0.00	4.00
Barrier Pipe Additional Charge 32mm Connection	1.00	55.00	0.00	55.00
Connection No Excavation	1.00	367.13	73.43	367.13
Additional Charge per M No Excavation	1.00	8.50	1.70	8.50



DESCRIPTION	QTY	RATE	VAT	£AMOUNT
Barrier Pipe Charge per metre 32mm con	1.00	4.00	0.80	4.00
Barrier Pipe Additional Charge 32mm Connection	1.00	55.00	11.00	55.00
Connection In Footpath	1.00	706.33	0.00	706.33
Excavation Charge per M in footpath	1.00	101.50	0.00	101.50
Barrier Pipe Charge per metre 32mm con	1.00	4.00	0.00	4.00
Barrier Pipe Additional Charge 32mm Connection	1.00	55.00	0.00	55.00
Connection No Excavation	1.00	367.13	0.00	367.13
Additional Charge per M No Excavation	1.00	8.50	0.00	8.50
Barrier Pipe Charge per metre 32mm con	1.00	4.00	0.00	4.00
Barrier Pipe Additional Charge 32mm Connection	1.00	55.00	0.00	55.00
Connection In Footpath	1.00	706.33	0.00	706.33
Excavation Charge per M in footpath	1.00	101.50	0.00	101.50
Barrier Pipe Charge per metre 32mm con	1.00	4.00	0.00	4.00
Barrier Pipe Additional Charge 32mm Connection	1.00	55.00	0.00	55.00
Connection No Excavation	1.00	367.13	0.00	367.13
Additional Charge per M No Excavation	1.00	8.50	0.00	8.50
Barrier Pipe Charge per metre 32mm con	1.00	4.00	0.00	4.00
Barrier Pipe Additional Charge 32mm Connection	1.00	55.00	0.00	55.00
SUBTOTAL				40,641.15
VAT Rate 20.00 %				86.93
TOTAL				40,728.08
TOTAL PAYMENT DUE				40,728.08

Customer Acceptance

I accept that the quotation is subject to the conditions printed overleaf together with any additional conditions which may be specific in the accompanying letter.

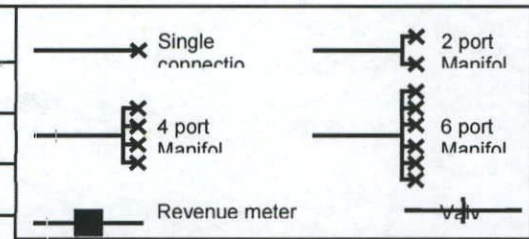
Signed _____ Date _____ Amount paid _____

Print Name _____ Company Name _____

Address _____



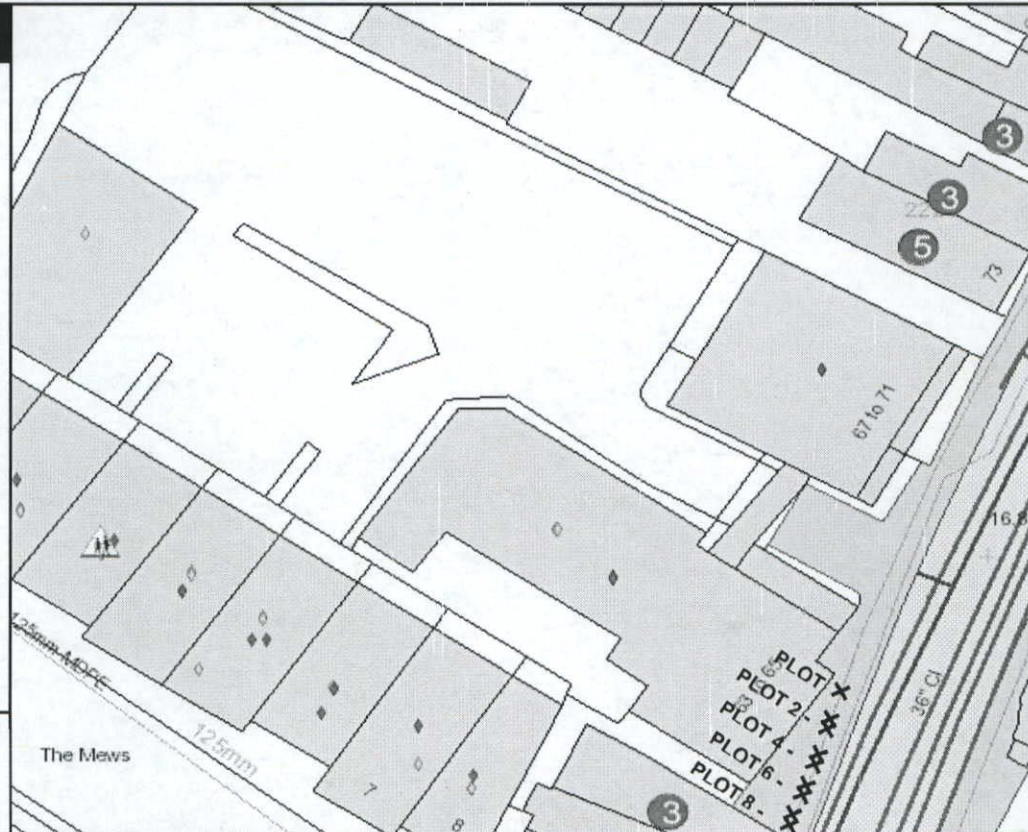
SITE LOCATION: 63 – 71 High Street, Hampton Hill Middlesex TW12			
TNH Reference	DS4011304	Service pipe	Barrier Pipe
Order number:	80412129	Designer:	Andrew Fenn
Co-ordinates:	X: 514266.03 Y: 170804.62	Date:	16 th May 2016



Thames Water Point of Entry Plan - Not To Scale

Plot(s) and Connection Objects (CO)
Plot 1 (No.63 - 71): 1x63mm BP metered combined fire & domestic Bulk Supply with 33x20mm internal fit meters off 4" CI offsite CO: 6490149
Plot 2 – 3 (No.63 - 71): 2x32mm BP metered supply in a shared trench CO: 6490150, 6490151
Plot 4 – 5 (No.63 - 71): 2x32mm BP metered supply in a shared trench CO: 6490152, 6490153
Plot 6 – 7 (No.63 - 71): 2x32mm BP metered supply in a shared trench CO: 6490154, 6490155
Plot 8 – 9 (No.63 - 71): 2x32mm BP metered supply in a shared trench CO: 6490156, 6490157

Please sign to confirm location of connections. Please ensure that you have a copy of this plan when you are booking your water regulations and on site during the inspections. This will enable us to



Note: The position of the apparatus shown on this plan is believed to be correct at time of issuing this drawing. Thames Water accepts no responsibility in the event of any inaccuracy. The actual position of our apparatus, including existing service pipes which are not displayed on this plan must be established on site. The proposed point of entry for the new service connections maybe subject to deviation due to unforeseen obstructions. Any variation from the designed position of the new water service connections may incur additional charges.

Signature Print Name
Date

2.4 Appendix 4 - Electrical Quotation



Registered Office
Newington House
237 Southwark Bridge Road
London SE1 6NP

Company:
UK Power Networks
(Operations) Limited

Registered in England and Wales No: 3870728

Mr. Mark Rumsey
SVM Consulting Engineers
184, High Street
Hertfordshire
HP3 1AP

Date: 01 August 2016

Our Ref: 8500035173 / QID 3500021814

Dear Mr. Rumsey

Site Address: 63-71 High Street, HAMPTON, TW12 1NH

Thank you for your recent enquiry regarding the above site. I am pleased to be able to provide you with a Quote to carry out the work requested.

The Works will enable the provision of an import capacity of 195 kVA and a maximum export capacity of 0 kW. Connection and energisation of a new Building Network Operator Service to supply 34 flats, 8 houses, 1 landlord and 3 retail units.

UK Power Networks would like to carry out all of the requested work for you. However, there are other companies who can do some or all of the work for you; these are Independent Connection Providers (ICPs). You can approach NERS accredited ICPs directly, or you can approach an Independent Distribution Network Operator (IDNO) to request this work and they will arrange for an ICP to carry out the Contestable Works. To find out more about which ICPs work in our area and what work they can undertake please [click here](#).

To give you as much choice as possible we are able to offer you **the following options** for getting your work done:

How much is it going to cost?		Price excluding VAT	Price including VAT
A	UK Power Networks carries out all of the requested 'contestable' and 'non-contestable' works required for your connection.	£3,538.04	£3,647.01
B	UK Power Networks carries out all the 'non-contestable' work and the 'contestable closing joint'. The ICP carries out all other requested 'contestable' work.	£1,180.89	£1,217.26
C	UK Power Networks carries out the 'non-contestable' works only. The ICP carries out all of the works classified as 'contestable'.	£790.00	£814.33

Terms and Conditions

The Quote is subject to version 6 (June 2016) of our **Terms and Conditions For Connection and Diversionary Works** (the "Terms and Conditions") which you can view [here](#). Alternatively, please let me know if you would like me to send you a copy in the post. These create legally binding obligations so it is important that you take the time to read and understand them. They also contain definitions of terms used in this document and in the linked pages on our website that you may find helpful.

What you need to do next

Before you decide to proceed it is really important that you take note of our **Terms and Conditions**, any **special conditions** detailed below and the details in **Your Information Pack** which includes information contained within the hyperlinked text, all of which constitute your **Quote**.

If you would like to accept this Quote you will need to ensure that the requested payment is in our bank account in full and cleared funds and that we have received your signed Acceptance Form from section 5 below by 5pm on 30 October 2016.

If you would like UK Power Networks to carry out all of the Works please accept option A. If you would prefer to use an ICP to carry out the Contestable Work (or an IDNO to arrange for an ICP to carry out the Contestable Works), you can pass this Quote to them and they can accept either option B or option C. Alternatively, you can accept option B or option C yourself, but you will need to ensure that your appointed ICP or IDNO understands what they must do, and what UK Power Networks will do for these options. **You can only accept one option.**

When can you expect your electricity connection?

Once you have accepted this Quote we will call you to discuss a programme of Works. Subject to the Terms and Conditions the Works referred to in this Quote will be completed on or before 28 February 2017.

We will try to meet your requested dates wherever possible but the completion date will be dependent on:

- The date that the Quote is accepted;
- How much of the work you wish UK Power Networks to complete;
- Any further discussions we may have with you regarding the programming of the works; and
- The completion of work by other people or companies that must be done before we can complete our work.

Interactivity

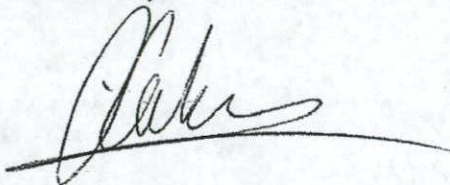
We have not received a request from any other customer for connections to the same part of our Distribution System, but to find out what happens if they do, please [click here](#).

Flexible Distributed Generation (FDG) connections

In certain areas of our network there might be alternative ways of connecting, please click [here](#) for the latest information.

If you have any questions about this Quote or need more information, please don't hesitate to contact me.

Yours sincerely



Timothy Ealden

Telephone: 01293 577 349
Mobile: 07875 116 796
Email: tim.ealden@ukpowernetworks.co.uk

Your Information Pack

The following pack provides all of the information you should need to successfully complete your electrical connection for the work you have been quoted. Please pay particular attention to the information that is specific to your project.

Do not hesitate to contact me should you require any further support.

- Section **1** The Scope of Works
- Section **2** Cost Breakdown
- Section **3** Your Responsibilities
- Section **4** Information To Help You As You Plan For Your Work
- Section **5** Acceptance Form To Proceed With The Works

Section 1 Scope of Works

Please read the details in this section in conjunction with the customer proposal plan (referred to in the Drawing Schedule in Section 4).

A	<p>Install 15m of 300mm² LV service cable from existing network. Terminate to cutout and fuse at 315A. Connect customer tails between cutout and 1st point of isolation.</p> <p>UK Power Networks carries out all the Contestable and Non-Contestable Works.</p>
B	<p>UK Power Networks will undertake non-contestable works and contestable closing joint.</p> <p>You will need to arrange for the completion of the remaining Contestable Works by an accredited ICP.</p> <p>If option B is accepted, your appointed ICP will be responsible for the production of all detailed constructible designs, which must be submitted to UK Power Networks for review and approved prior to the commencement of any Contestable Works. No charge will be made by UK Power Networks for this service.</p>
C	<p>UK Power Networks will undertake non-contestable works.</p> <p>You will need to arrange for the completion of the Contestable Works by an accredited ICP.</p> <p>If option C is accepted, your appointed ICP will be responsible for the production of all detailed constructible designs, which must be submitted to UK Power Networks for review and approved prior to the commencement of any Contestable Works. No charge will be made by UK Power Networks for this service.</p>

Your Connections

The table below provides a summary of the technical characteristics and the connection types you have requested:

The below are all fed from one service via a BNO (Building Network Operator) arrangement:

Type of Property	No. of MPANs	Metering Voltage	Phase Type	Import Capacity (kVA)	Export Capacity (kW)
Retail Premises	3	230V	Single Phase, 50HZ	30	NA
Meter Position	Service Cable	Fuse Size	Earthing	Metering	
Communal	185mm ² Multicore	100A to BS1361	PME(TN-C-S)	Whole Current	

Type of Property	No. of MPANs	Metering Voltage	Phase Type	Import Capacity (kVA)	Export Capacity (kW)
Flat	34	230V	Single Phase, 50HZ	85	NA
Meter Position	Service Cable	Fuse Size	Earthing	Metering	
Communal	185mm ² Multicore	100A to BS1361	PME(TN-C-S)	Whole Current	

Type of Property	No. of MPANs	Metering Voltage	Phase Type	Import Capacity (kVA)	Export Capacity (kW)
House	8	230V	Single Phase, 50HZ	40	NA
Meter Position	Service Cable	Fuse Size	Earthing	Metering	
Communal	185mm2 Multicore	100A to BS1361	PME(TN-C-S)	Whole Current	

Type of Property	No. of MPANs	Metering Voltage	Phase Type	Import Capacity (kVA)	Export Capacity (kW)
Landlords Supply	1	400V	Three Phase, 50HZ	40 (TBC)	NA
Meter Position	Service Cable	Fuse Size	Earthing	Metering	
Communal	185mm2 Multicore	100A to BS1361	PME(TN-C-S)	Whole Current	

Phases of work

This Quote covers 1 phase(s) of work which may be subject to our performance standards, as detailed in our 'Our Connections Standards of Performance' leaflet which can be found [here](#).

Section 2 Cost Breakdown

Totals

Option	A	B	C
Net Price (Excluding VAT)	£3,538.04	£1,180.89	£790.00

Breakdown of Costs

Description of CONTESTABLE WORK that is included in option	A	only	
Work involved			Net price (£)
LV Underground Mains			
<ul style="list-style-type: none"> Supply & terminate 3ph 600A Cut Out (not including joint) Excavate, lay & reinstate 300mm LV waveform mains cable in a category 3 or 4 carriageway. Install LV 300mm waveform mains cable Excavate & Reinstall LV joint hole in a category 3 or 4 carriageway. Install 120mm earth cable per metre Tile tape (up to 22kV) per metre 			£2,171.23
Miscellaneous			
<ul style="list-style-type: none"> Connect and energise unmetered BNO boundary (over 100 Amps) 			£185.92
		TOTAL	£2,357.15

Description of CONTESTABLE FINAL CLOSING JOINT WORK that is included in option	A	and in option	B	
Work involved				Net price (£)
LV Underground Mains				
<ul style="list-style-type: none"> LV Mains straight joint of a 95-300mm cable to a 240-300mm main. 				£390.89
		TOTAL		£390.89

Description of NON-CONTESTABLE WORK that is included in option	A	and in option	B	and in option	C	
Work involved						Net price (£)
Transactional Charges						
<ul style="list-style-type: none"> Assessment & Design Charges 						£790.00
Other charges						
		TOTAL				£790.00

Section 3 Your Responsibilities

This section provides information about the work that you are responsible for should you accept this Quote.

We have made all of our general information about your responsibilities available in our Knowledge Centre on our internet site at www.ukpowernetworks.co.uk. Links to each of the relevant articles are in the table below.

Please let me know if you think we can improve the information we have provided.

Job Specific Responsibilities

Subject	Link to our Knowledge Library
Land rights required from You in connection with land within Your occupation, ownership or control (time to complete the legal work between Your solicitors and UK Power Networks' solicitors associated with acquiring substation sites and easements)	Section 3.19 Click here

Generic Responsibilities Applicable to all Quotes

Subject	Link to our Knowledge Library
Construction (Design & Management) Regulations 2015 (CDM)	Section 3.25 Click here
Appoint an electricity supplier	Section 3.26 Click here
Works to be undertaken by the ICP/IDNO if UK Power Networks is undertaking the non-contestable Works only	Section 3.27 Click here
Land rights for option B or C - where UK Power Networks is undertaking the non-contestable Works only	Section 3.28 Click here

Section 4 Information to Help You Plan For Your Work

Drawing Schedule

All of our standard drawings can be found [here](#). Below is a summary of the standard drawings that are referenced within this Quote:

Drawing Number	Drawing Description
UKPN8500035173-1-500	Customer proposal plan
ECS 02-0019	HV/EHV cable trench details View
EDS 08-0118	Supplies to multi-occupied buildings View
EDS 08-0123.03a	Service termination for up to 400A cut-out at ground level standard entry View
EDS 08-0123.04a	Service termination for up to 400A cut-out at basement level View

Job Specific Information

Subject	Link to our Knowledge Library
Earth Fault Loop Impedance (EFLI)	Section 4.4 Click here
Cables between UK Power Networks and Customer installations up to 400A	Section 4.5 Click here
Private generation	Section 4.6 Click here
Interactive process	Section 4.10 Click here

Generic Information Applicable to all Quotes

Subject	Link to our Knowledge Library
Information common to all Quotes	Section 4.1 Click here

If you are unhappy with our service please follow our Complaints Procedure Specific to Commercial and Industrial Projects which can be found [here](#). This document details your right to contact Ofgem for a formal determination if we have been unable to resolve the matter to your satisfaction.

Section 5 Acceptance Form

Job Reference: 8500035173 / 3500021814

Site Address: 63-71 High Street / HAMPTON TW12 1NH

Please return your completed form by post or email:

CC Proj.
UK Power Networks
Metropolitan House
Darkes Lane
Potters Bar, Herts, EN6 1AG

Email: billingteam-networks@ukpowernetworks.co.uk

Please indicate which option you accept:

	Please tick one only	Price excluding VAT	Price including VAT
<input type="radio"/> A UK Power Networks carries out all of the requested 'contestable' and 'non-contestable' works required for your connection	<input type="radio"/>	£3,538.04	£3,647.01
<input type="radio"/> B UK Power Networks carries out all the 'non-contestable' work and the 'contestable closing joint'. The ICP carries out all other requested 'contestable' work	<input type="radio"/>	£1,180.89	£1,217.26
<input type="radio"/> C UK Power Networks carries out the 'non-contestable' works only. The ICP carries out all of the works classified as 'contestable'	<input type="radio"/>	£790.00	£814.33

Payment Profile

Please indicate your method of payment:



Cheque

Please make cheques payable to **UK Power Networks** and **put our reference number on the back.**



Debit/Credit Card

Please call **0203 282 0610** and have your card to hand. We are sorry we cannot accept American Express/Diners Club.



BACS/CHAPS

Account: HSBC Bank Plc **Sort Code:** 40 05 30 **Account Number:** 02302934
UK Power Networks Ref. Number: 3500021814

The Invoice Address	Your Site Contact
Name / Company name:	Name / Company name:
Contact name:	Contact name:
Address:	Address:
Telephone:	Telephone:
Email:	Email:

Your Acceptance

I accept your quotation for carrying out the DNO Works in accordance with the Quote for the option I have chosen overleaf.

I have already paid £0.00 inclusive of VAT towards the total price and therefore £3,647.01 remains payable (for option A).

To accept this Quote, the signed Acceptance Form and payment in cleared funds must reach UK Power Networks by 5pm on 30 October 2016. Acceptance Forms and payments received after this date may be returned and you will need to request a new Quote.

Signed: _____	Date: _____
Print name: _____	
Agent acting on behalf of: _____	

Job Reference: 8500035173 / 3500021814

