

Our reference: [REDACTED]

Your reference:



[REDACTED]
**Southern Electric Power
Distribution plc**
Connections And Engineering
Walton Park
Walton Road
Cosham
PO6 1UJ



[REDACTED]



[REDACTED]



www.ssen.co.uk

21 February 2018

Dear [REDACTED]



Thank you for your recent enquiry. We are pleased to provide you with an Offer on behalf of Southern Electric Power Distribution plc, for the new electricity connections at the above development. This letter (including the pages attached to it which contain the Breakdown of Charges and Additional charges and assumptions, the Acceptance, and the Information Pack), together with the enclosed Standard Terms and Conditions constitutes our Offer.

Our Offer is subject to our obtaining all necessary legal consents to carry out the work as planned, including any consent required from third parties. Please refer to our website for more detailed information at www.ssen.co.uk/LandRights.



37,444.81

This Offer for All Works has been quoted including VAT (as applicable). Our Offer remains open for acceptance for the period stated in the enclosed Standard Terms and Conditions.



You can see a Breakdown of Charges included in our Offer on the next page. Please note that we will not be able to schedule works until you have accepted this Offer and we have received all sums due and payable on acceptance for the works detailed in this Offer. Where your Offer includes reinforcement or you are a Second Comer and the initial connector has not yet been energised, then your connection cannot be energised until these works are complete. Upon completion of the electrical works you are also required to pay any applicable 'Second Comer' charge as set out in this Offer, in accordance with the Electricity (Connection Charges) Regulations 2017 (ECCR).



The quotation has been calculated based on the information provided to date but please be aware that we will charge for any additional work required that has not been included in this Offer. It is important that you check the Offer thoroughly to avoid incurring any further charges.

Inveralmond House, 200 Dunkeld Road, Perth PH1 3AQ  www.ssen.co.uk

Scottish and Southern Electricity Networks is a trading name of: Scottish and Southern Energy Power Distribution Limited Registered in Scotland No. SC213459; Scottish Hydro Electric Transmission plc Registered in Scotland No. SC213461; Scottish Hydro Electric Power Distribution plc Registered in Scotland No. SC213460; (all having their Registered Offices at Inveralmond House 200 Dunkeld Road Perth PH1 3AQ); and Southern Electric Power Distribution plc Registered in England & Wales No. 04094290 having its Registered Office at No.1 Forbury Place, 43 Forbury Road, Reading, RG1 3JH which are members of the SSE Group www.ssen.co.uk

-  We reserve the right to terminate our contract with you in certain circumstances where the works have not commenced or did commence but were then delayed. Our right to terminate is set out in clause 11 of the Standard Terms and Conditions enclosed with this Offer Letter. For the purposes of clause 11 the period specified is 12 months from the date of your acceptance of this Offer.
-  We have calculated this quotation on the assumption that **you** will carry out all of the excavation and backfilling of the cable trenches required, on the land in your or your clients' ownership.

We have enclosed with this Offer an Information Pack, which contains information relevant to the work for which you have been quoted. Our **Statement of Methodology and Charges for Connection** provides detailed information regarding our charges. You can download our **Statement of Methodology and Charges for Connection** from our website at www.ssen.co.uk/Library/ChargingStatements. We trust the information we have provided is of assistance and if we can help further please do not hesitate to contact us. Alternatively, you may wish to visit our website at www.ssen.co.uk for further information.

Yours sincerely,



Connections Designer

Glossary of Defined Terms

“All Works”	Where both the Contestable and Non-Contestable Works are carried out by Scottish Hydro Electric Power Distribution plc or Southern Electric Power Distribution plc.
“Connections Regulations”	Means regulations made in relation to connections standards of performance under section 29A of the Electricity Act 1989.
“Contestable Works”	Also known as Contestable Connection Activities, are works necessary for the provision of the Connection which can also be undertaken by an ICP or an IDNO.
“Distribution Code”	Means the Distribution Code that Scottish Hydro Electric Power Distribution plc and Southern Electric Power Distribution plc is required to maintain in force.
“DNO”	Means Distribution Network Operator. Electricity distribution networks carry electricity from the high voltage transmission grid to industrial, commercial and domestic users. Scottish Hydro Electric Power Distribution plc and Southern Electric Power Distribution plc are licensed distribution network operators (DNOs).
“ICP”	Means an accredited Independent Connections Provider registered with the Lloyd’s Register, including its agents.
“IDNO”	Means Independent Distribution Network Operator. These are smaller networks owned and operated by Independent Network Operators (IDNOs) located within the areas covered by the DNOs.
“Licence”	Also known as Electricity Distribution Licence means an electricity distribution licence granted or treated as granted under section 6 (1) (c) of the Electricity Act 1989 that authorises a electricity distributor to distribute electricity.
“Non-Contestable Works”	Also known as Non-Contestable Connections Services, are those services which are necessary for the provision of a connection and in accordance with our Connection Charging Statement, cannot be provided by a person other than Scottish Hydro Electric Power Distribution plc or Southern Electric Power Distribution plc.
“Point of Connection”	The point (or points) of physical connection to our existing Distribution System.
“Point of Supply”	The point (or points) of physical connection of the electricity supply into the property.
“Second Comer”	Any connectee who subsequently connects to and benefits from infrastructure paid for by an earlier connectee and is therefore liable to pay for their share of incurred costs under the Electricity (Connection Charges) Regulations.
“Statement of Methodology and Charges for Connection”	The Connection Charging Methodology is a complete and documented explanation of the methods, principles and assumptions for our connection charges. The Connection Charging Statement sets out the basis of charges for the provision of a connection.
“The Electricity (Connection Charges) Regulations or (ECCR)”	Means The Electricity (Connection Charges) Regulations 2017. These regulations provide that where a person connects to and benefits from electricity infrastructure that was paid for by an initial connectee, the earlier connectee can be reimbursed for a share of the costs by subsequent connecting customers.

What you need to do

→ You are required to ensure that all works on your own electrical installations are carried out by a qualified electrical contractor. Statutory qualification schemes, for Building Regulation purposes, are currently run by NICEIC, SELECT, ECA, NAPIT, ELECSA, British Standards Institution and BRE Certification.

→ Please enclose either a cheque or, if paying by Bank Transfer, make payment before acceptance. Alternatively, you may call to pay by credit/debit card or use our online services.

Please note

! Southern Electric Power Distribution plc is the Distribution Network Operator (DNO) for the area in which your project is located. There are Independent Connection Providers (ICPs) and Independent Distribution Network Operators (IDNOs) who may be able to provide you with an alternative Offer to carry out some of this work. Please refer to www.lr.org/en for further details.

! This Offer serves as a notice under Section 16A (5) of the Electricity Act 1989. Should you have any concerns relating to this Offer please contact us using the details on the first page of this letter and we will try to resolve any issues directly with you. If you still then have concerns, Section 23 of the Act allows for any unresolved disputes relating to the provision of this Offer to be determined by the Gas and Electricity Markets Authority (the "Authority"). The dispute must be referred to the Authority within 12 months following the date of connection. The dispute may be determined either by an Order of the Authority, or referred by the Authority for arbitration. An order made in relation to the dispute shall be final and binding on the parties and may include a direction to pay costs and expenses.

→ We can often offer a payment schedule depending on the timescale and costs of your project.

→ If your project includes reinforcement your alternative provider may be able to deliver this for you.

→ Please contact your designer if you wish to discuss the above.

Your All Works Offer explained

Breakdown of Charges

Description of connection charges

Install 1 substation	£27,804.71
Lay approximately 40m of HV cable.	
- Carry out off site excavations and reinstatements.	
- Instal x1 approx. 40m of 150mm 3-core XLPE cable.	
- Install x1 11kV metered RMU in GRP enclosure (Base by customer).	

Total connection charges

£27,804.71

Description of reinforcement charges

Lay approximately 30m of HV cable.	£6,408.20
There is a small section of 11kV overlay required on the BRKN E6L5 backfeed, between Mercury Communications and Zenith Downmill Road. An approx 30m section of ducted 185mm Al CAS is to be overlaid with 150mm XLPE. Duct to be re-used.	
Reinforcement contribution (Our contribution due to cost apportionment, see clause 21 of Terms and Conditions)	-£5,679.24

Total reinforcement charges

£728.96

Description of non-contestable charges

x1 HV Breech joint on to existing 11kV network.	
Assessment and design	£750.00
Wayleaves / legals	£450.00
Final connection	£1,467.34
Inspection & Monitoring	£3.00
Total non-contestable charges	£2,670.34

All works totals

Net total at standard rate VAT	£31,204.01
Net total at low rate VAT	£0.00
Net total at zero rate VAT	£0.00
VAT at standard rate (20%)	£6,240.80
VAT at low rate (5%)	£0.00
Total charge to applicant	£37,444.81

Please refer to our enclosed Detailed Cost Breakdown for further information.

Alternative Offer to provide Non-Contestable Works only

Some of the works included in the above Offer are Contestable Works and may be delivered by an Independent Connections Provider (ICP) or Independent Distribution Network Operator (IDNO) known as an Alternative Provider. Such providers are listed at www.lr.org/en/utilities-building-assurance-schemes/uk-schemes/national-electricity-registration-scheme/ners-search.aspx, and may be able to provide you with alternative offers for the work.

We must provide the Non-Contestable Works if you choose to progress with this connection. Our Offer for the Non-Contestable Works is detailed below:

Description of reinforcement charges

Lay approximately 30m of HV cable.	£6,408.20
There is a small section of 11kV overlay required on the BRKN E6L5 backfeed, between Mercury Communications and Zenith Downmill Road. An approx 30m section of ducted 185mm Al CAS is to be overlaid with 150mm XLPE. Duct to be re-used.	
Reinforcement contribution (Our contribution due to cost apportionment, see clause 21 of Terms and Conditions)	-£5,679.24
Total reinforcement charges	£728.96

Description of non-contestable charges

x1 HV Breech joint on to existing 11kV network.	
Assessment and design	£750.00
Wayleaves / legals	£450.00
Final connection	£1,467.34
Inspection & Monitoring	£3.00
Total non-contestable charges	£2,670.34

Non-contestable works totals

Net total at standard rate VAT	£3,399.30
Net total at low rate VAT	£0.00
Net total at zero rate VAT	£0.00
VAT at standard rate (20%)	£679.86
VAT at low rate (5%)	£0.00
Total charge to applicant	£4,079.16

If you accept the Non-Contestable Works Offer only you must appoint an Independent Connection Provider (ICP) or Independent Distribution Network Operator (IDNO) to deliver the Contestable Works and ensure your full connection is completed. The appointed ICP/IDNO is required to submit a design to us (for our approval or for our review if self-design approval) and to enter into an Adoption Agreement with us, for the Contestable Works to be adopted by us, prior to final connection. More details on what is required for design approval can be found on our website at www.ssen.co.uk/CompetitionInConnections/.

Additional Charges and Assumptions

We reserve the right to amend the charges at any time after the date of this Offer as a result of variations to material or labour costs which will impact upon the costs incurred by us in providing the Connection. Please note that whilst such changes in costs may occur at any time due to contractual variations and/or our rights and/or obligations to recover costs incurred pursuant to legislation or our licence, such a change is very likely to be relevant where the estimated date of completion of the Distribution Works is in excess of 12 months from the date of this Offer.

Where you are undertaking any cable trenching, you must also excavate and reinstate any joint holes along these cable routes as required, during the works. Our Team Manager will discuss the requirements with you should you wish to proceed.

Important notice: Traffic Management Act – Street Works Permit schemes

Local Authorities in England and Wales are likely to introduce a new Permit Scheme for street works that will include charges for providing the permits. It is not clear at this time which Local Authorities will introduce this scheme, when the scheme will be introduced, which streets will be affected or what the level of charges will be. These charges are not within Southern Electric Power Distribution plc's control.

This Offer excludes any charges that may be levied by the Local Authority in respect of these costs. It is important to note that any such charges which are relevant to this project will subsequently be passed on to you through a separate invoice. In addition to the actual charges from the Local Authority, we will charge £25.00 + VAT to cover our administrative costs. Acceptance of this Offer means that you also accept these additional charges.

You may wish to seek clarification on how these charges may affect you from the relevant Local Authority.

Connections

Ducting, support and containment from rising main services and main cables are to be provided by you. All on site excavation and reinstatement is to be carried out by you.

Land Rights (including wayleaves), Planning and Other Consents

Ducting, support and containment for cables within the customer's land and premises are to be provided by you.

All on site excavation and reinstatement is to be carried out by you.

We have identified that third party consents are likely to be required for the works and have assumed that they will be granted without dispute and in accordance with Southern Electric Power Distribution plc's standard land rights' style agreements.

Where we are unable to obtain third party consents, the design and terms of our contract with you may need to be revised and you will need to meet any associated additional costs that may be incurred by us or such third party, arising from but not limited to:

Land rights

- Legal and other professional fees and expenses incurred by us and any third party in connection with securing the required land rights;
- Wayleave fees levied by third parties to process wayleave agreements; and

- Costs associated with any compulsory purchase or necessary wayleave applications, which may have to be submitted under the Electricity Act 1989. Timescales and costs for determination of a compulsory purchase or wayleave consent will depend on the specific circumstances of the application. An application for a compulsory purchase or necessary wayleave does not guarantee a positive determination. The decision to pursue a compulsory purchase or necessary wayleave remains at the sole discretion of Southern Electric Power Distribution plc.

Other consents

- Specialist ecology surveys;
- Tree cutting compensation and sterilisation;
- Archaeology investigations including watching briefs; and
- Damage claims and any associated surveyor's fees where the damage is over and above what is reasonably necessary to undertake the works.

Reinforcement (associated with your connection) Explained

Following your application for Connection our network assessment and design has shown your proposed Connection requires reinforcement of the wider electricity network. We are obliged to, and have, included in your quotation an element of charges associated with this reinforcement.

These charges are calculated and shared in some cases between you and us. This is based on the capacity of the electricity connection you applied for and the new network capacity after the reinforcement has taken place. This may be because your Connection's effect on the thermal capacity, volts or fault level or a combination of these.

Some worked examples of different reinforcement and this sharing of costs are provided in our Connections Charging Methodology Statement (CCMS) which may be found [here](#).

The following paragraph(s) describe the specific reinforcement that your proposed connection has triggered:

Thermal driven reinforcement

Reinforcement due to thermal capacity (potential overload) is required when the requested demand and/or generation exceeds the current rating of the existing equipment on the distribution system. Reinforcement to resolve this may be required on Transformers, underground cables, overhead lines or a combination of these.

We modelled the network and found that your requested demand of 1100 kVA exceeds the available thermal rating of the network equipment which will be used to provide your connection. It is therefore proposed to complete the following thermal reinforcement. There is a small section of 11kV overlay required on the BRKN E6L5 backfeed, between Mercury Communications and Zenith Downmill Road. An approx 30m section of ducted 185mm Al CAS is to be overlaid with 150mm XLPE. Duct to be re-used.

Job reference: [REDACTED]

Offer for new supply at [REDACTED]

Please indicate which Offer you wish to accept:

- All Works Non-Contestable Works only

You can pay the charges set out in this Offer by credit or debit card, cheque or bank transfer, either by post, by phone or via our website (if you are registered). Please note that we only accept card payments for charges up to £5,000 in value (including VAT).

If you wish to pay by credit or debit card, please call our payment line on 0800 197 5527 and complete this form and return it to us by post or email:

Attn. Quote Acceptance, Connections and Engineering
Scottish and Southern Electricity Networks
Walton Road
Cosham
PO6 1UJ

E-mail: quote.acceptance@sse.com

If paying by cheque, please make it payable to Southern Electric Power Distribution plc. Please complete this form and return it with your cheque to the address above.

If paying by bank transfer, you must instruct your bank to transfer funds **before** returning this form to the above address. Please ask your bank to label your payment with the job reference as given above. Our bank account details are:

Account name:	Southern Electric Power Distribution plc
Bank:	NatWest
Sort code:	60-17-21
Account number:	89542592
IBAN code:	GB17 NWBK 601721 89542592
Swift No (BIC):	NWBK GB 2L
UTR:	64581 10616
VAT registration number:	553 7696 03

Amount Paid:








Choose your method of payment:

- Cheque Bank Transfer Credit/Debit Card

If you wish to accept this Offer please provide the payer's name and address.

**PRINT
payer's
name and
address:**

If you wish to accept this Offer please date and sign the acceptance at the end of this acceptance form.

-  Once we have received your payment in cleared funds we will issue a receipt to you at the address you have notified to us or to such alternative address as you advise us prior to issue of the receipt.
-  If we receive your payment without this completed acceptance form, we shall be entitled but not obliged to treat your payment as acceptance of our Offer.
-  If you cancel the works referred to in this Offer before commitment or commencement of any associated tasks, we will return any sums paid to us minus administration costs. If you entered into a contract with us as a consumer the terms of our Supplementary Consumer Terms and Conditions will apply in respect of your cancellation and refund rights.
-  If you cancel the works before completion, we will deduct any costs incurred which will include the costs of any site visits conducted, drawings and plans produced for your works and administration costs incurred prior to receipt of your cancellation notice. If you entered into a contract with us as a consumer the terms of our Supplementary Consumer Terms and Conditions will apply in respect of your cancellation and refund rights.
-  If you accept our Non-Contestable Works Offer only, you understand that we will not complete the contestable element of the All Works Offer. You then must appoint an Independent Connection Provider (ICP) or Independent Distribution Network Operator (IDNO) to deliver this for you.

If you are accepting this Offer as a consumer our Standard Terms and Conditions are varied by the enclosed Supplementary Consumer Terms and Conditions. Please note that your rights as a consumer mean that you are entitled to cancel the contract within 14 days following your acceptance of our Offer and we must refund any payment you have made to us in respect of the works. We are not allowed to commence the works during this 14 day period, unless you consent to this. If you want us to undertake the works at the earliest possible date and where possible to start during the 14 day cancellation period please confirm by marking an "X" in the box below.

..... I confirm that I consent to the provision of the works during the 14 day cancellation period and that I have read the enclosed Supplementary Consumer Terms and Conditions.

Please note that it may not be possible for us to commence the works during the 14 day cancellation period and your consent does not mean that we are under any obligation to do so.

I confirm that I have read, understood and accept the terms and conditions set out in and accompanying this Offer.

Signed: _____ **Date:** _____

Name (PRINT) _____

Position (PRINT) _____

Please use this sheet as a return address.

Quote Acceptance Team
Connections and Engineering
Scottish and Southern Electricity Networks
Walton Road
Cosham
PO6 1UJ



Information pack

We have enclosed this Information Pack which we trust you will find useful. This pack contains information relevant to the Offer made. However, if you have any further questions, please don't hesitate to contact us.

Contents

Safety

When we carry out any job, Safety is our first priority. Your safety is important to us. Our motto is, "We do it safely, or not at all". Please read the enclosed information carefully and if in any doubt, please ask us to explain.

Connections Guaranteed Standards of Performance

The Connections Guaranteed Standards of Performance are guaranteed standards of service levels set out under the Connections Regulations and must be met by each distribution company. These standards have been set to guarantee a level of service that is reasonable to expect companies to deliver.

If the distribution company fails to meet the level of service required, it may be obliged to make a payment to the customer. To find out what these guaranteed standards of performance cover please visit our website at www.ssen.co.uk/CustomerService/PerformanceStandards.

Please visit the Gov.uk website at <http://www.legislation.gov.uk/ukxi/2015/698/made> if you require more information in relation to guaranteed standards in respect of demand connections. For generation connections Ofgem's Distributed Generation Standards Direction Guidance Document can be located at <http://www.ofgem.gov.uk/publications-and-updates/distributed-generation-standards-direction-guidance-document>

Your connection details

This details what size (capacity) and voltage your connection(s) will be. It includes information about your Connection Agreement (if required), and advice on appointing a supplier, what you need to do to get a meter installed, positioning of your supply point and Earthing of your connection.

Your site requirements schedule

This gives details of any site works you will need to complete for us to meet your requirements. It includes what you need to know about cable routes and trenching.

Safety

We ask you to take note of the following:

In accordance with the Health and Safety Executive Guidance Note GS6, you are required to take every precaution to ensure that cranes, tipper lorries, scaffolding, ladders and other plant employed on your works are kept at a safe distance from overhead electric lines and their supports and that such supports are not disturbed by excavations. Goal posts with height restriction will need to be placed at appropriate locations for vehicles passing underneath Southern Electric Power Distribution plc's overhead lines.

In accordance with Health and Safety Executive Guidance Note HSG47 care will also be necessary when digging in proximity to underground cables, particularly if mechanical excavators are used.

Overhead lines, underground cables and other electrical plant must be regarded as being "live". Before commencing work in proximity to such plant, written notification must be given to Southern Electric Power Distribution plc.

If during the course of your works, any cable should be damaged by you/or your contractors, then this fact must be reported to our Emergency Service Centre on 08000 72 72 82 immediately. You will be liable to us for the full cost of any repairs.

Locating cables on site

Any drawings that we have enclosed with this Offer may not be suitable for locating cables on site due to scaling issues. If you wish to obtain the latest copies of our cable records please send a plan of the area in question together with your contact details to:

Mapping Services
Scottish and Southern Electricity Networks
P O Box 6206
BASINGSTOKE
RG24 8BW

Tel: 01256 337294
Fax: 01256 337295

E-mail: mapping.services@sse.com

Please contact our Mapping Services requesting details of any Southern Electric Power Distribution plc's plant and cables in the area.

You must excavate hand-dug trial holes to establish the actual positions of all cables before any mechanical excavation works commence.

Your Point of Connection details

HV Point(s) of Connection

The connection will be 11,000 Volts at 50 Hz, with a maximum capacity of 1,100kVA.

The fault level at this point could rise to 13kA and you are advised to design your network accordingly.

A Network to be adopted by Southern Electric Power Distribution plc

For any network subsequently to be adopted by Southern Electric Power Distribution plc, your design of any Contestable Works, including substation buildings and plinths must comply with our Standards and Specifications and the process for adoption of these assets will be as laid out in documents on our website. Access to our Standards and Specifications, network information and GIS is via a secure login applied for and accessed at: www.ssen.co.uk/CompetitionInConnections.

Please be advised that it is vital that the Adoption Agreement is properly entered into by BOTH parties BEFORE any works commence on site. Any plant or cable installed before the Adoption Agreement is entered into is at your own risk and any costs incurred in carrying out inspections and making these assets subsequently fit for adoption will be borne by you. Southern Electric Power Distribution plc will not be responsible for any delays to the programme which may result.

The current model of Adoption Agreement can be viewed on our website.

You will require to carry out the contestable works to be adopted subject to the necessary safety precautions, consents and wayleaves and other appropriate conditions, agreements and standards and specifications being satisfied including:

- Design for the connection downstream from the Point of Connection to the existing assets.
- Procurement and provision of the required materials.
- All excavation, trenching and reinstatement (whether temporary or permanent) including excavations for the non-contestable final connection joint.
- Provision and installation of all mains and service ducting.
- Recording of work, location of cable routes and equipment and the provision of this information to us.
- Making provision for the installation of metering equipment by an approved Meter Operator.

All jointing will be in accordance with our approved design within the scope and authorisation level of our current Safety Management Procedures.

The contestable works and your installation must be designed and installed in accordance with the technical engineering requirements of the Distribution Code and the following Engineering Recommendations:

- (i) Engineering Recommendation G5/4 ("Planning Levels for Harmonic Voltage Distortion and the Connection of Non-Linear Equipment to Transmission Systems and Distribution Networks in the United Kingdom")
- (ii) Engineering Recommendation P28 ("Planning Limits for Voltage Fluctuations caused by Industrial, Commercial and Domestic Equipment in the UK")

High Voltage connection responsibilities and obligations

The Electricity at Work Regulations 1989 requires any customer with a supply at HV to appoint a Competent Person of sufficient technical knowledge or experience to prevent danger or injury. Up to date information and guidance on fulfilling this responsibility is available at www.hse.gov.uk/electricity.

The Distribution Code requires Southern Electric Power Distribution plc and HV connected customers to jointly establish the following:

- A Safety Management System for work at / across Ownership Boundaries.
- Control Persons to operate the Safety Management System.
- A Documentation System for inter-system safety precautions.
- Authorisation of staff operating the Safety Management System.
- Site Hazard Management Procedures.
- An Ownership, Control, Operation and Maintenance Schedule.
- Control Diagrams.
- Control Log (12 months).
- Communications.

Part of these requirements will be addressed in a Joint Operating Agreement (JOA) to be entered into between Southern Electric Power Distribution plc and the HV connected customer. This will consist of three parts:

- The first part details the procedures to be adopted;
- The second part is either an Operational Diagram for simple networks showing the ownership, operation and control boundary, or in the case of more complex networks an Operational Diagram supported by a signed Site Responsibility Schedule. (In the case of networks where the boundaries for ownership, operation and/or control are at different positions, or are complex, then a separate Site Responsibility Schedule is required); and
- The third part is an addendum which contains supporting information, e.g. contact telephone numbers, authorised persons, etc.

The Joint Operating Agreement will be completed and signatures obtained by our staff responsible for energising the new connection, and they may also require a copy of your HV network diagram.

Any changes which affect the Joint Operating Agreement, including changes to the customer's HV network, should be notified to . We will consider if your Point of Connection Offer may accommodate this. We may also revise your existing Joint Operating Agreement where required. You will be liable for any additional costs this may incur.

Please note we will not be able to energise your connection until the Joint Operating Agreement is in place.

Your connection details

HV Point(s) of Connection

Connection - High Voltage

The connection will be 11,000.00 Volts at 50 Hz, with a maximum capacity of 1,100.00kVA.

The fault level at this point could rise to 13.00kA and you are advised to design your network accordingly.

Please note we will not energise the supply until you have the following agreements in place:

- **Meter Operator Services Agreement** with a Meter Operator
- **Supply Agreement** with a Supplier
- **Connection Agreement** with us (enclosed for signature and return)

Please ensure the Connection Agreement is signed by whoever will be responsible for the associated charges and returned to Southern Electric Power Distribution plc as soon as possible, the Connection Agreement must be received by us before we can progress with the connection work.

The connection will be three-phase, 11,000 Volts, and alternating current at 50 Hz, with a maximum capacity of 1,100kVA. You will need to balance the electrical load evenly across the phases to avoid overloading.

Our system fault level varies with operating conditions, but the three phase symmetrical current will not exceed 20 kA rms. We recommend that your HV earthing system is connected to our network at the intake switchgear.

Under the Electricity at Work Regulations you must provide an emergency trip to disconnect all supplies to the site in an emergency. We have included the charges for installing this trip within our quotation. Please note this trip can only be reset on site by our staff.

How to Get Your Meter

It is extremely important for you to note that your meters cannot be installed or relocated by Southern Electric Power Distribution plc. Although Southern Electric Power Distribution plc owns the cables coming into the premises **we are not an electricity supply company and we do not install or relocate the meters.** You must arrange a meter operating and supply contract with the Meter Operator and Supplier of your choice.

Meter Operator Services Agreement

Before we can provide you with a supply of electricity, as your anticipated demand for the supply exceeds 100kW, you must choose a Meter Operator to provide and operate metering equipment for you. Once you have chosen a Meter Operator you will need to enter into a Meter Operator Service Agreement.

Supply Agreement

Before we can energise your supply of electricity, you must appoint an Electricity Supplier and arrange a Supply Contract. Once you have chosen your preferred Supplier, you will need to contact them to register the Meter Point Administration Number (MPAN) associated with your new supply.

What is an MPAN number

- The MPAN (Meter Point Administration Number) is a unique number that identifies each electricity supply point.
- The MPAN is sometimes also called a Supply Number but it should not be confused with your customer reference number.
- **Every MPAN number must be registered with a Supplier before a meter can be connected and final energisation can take place.**

You will need to advise your Supplier who you have chosen to be your Meter Operator. Your Supplier will appoint them and arrange for them to attend, fit the meter(s), when you advise them your site is ready.

Once your metering equipment has been installed your Supplier will request our attendance to energise. We will not be able to energise the supply until we receive this request from your Supplier.

We are unable to give advice on a choice of Supplier. A quick internet search for lists of Energy Suppliers will provide you with an array of different electricity suppliers to choose from. Suggested sources of information can be found at: www.ofgem.gov.uk/information-consumers.

For further consumers' information on your energy supply, follow the links to Citizens Advice by clicking [here](#) for England, or [here](#) for Wales, or [here](#) for Scotland.

Connection Agreement

This is an Offer for a maximum demand type of connection and is subject to you/your client entering into a Connection Agreement (enclosed) with Southern Electric Power Distribution plc to accept responsibility for the available capacity charges based on 1,100kVA.

Your connection may attract availability and demand charges as well as unit charges. You should discuss this with your Supplier prior to accepting this Offer to ensure that you fully understand the running charges.

If your demand increases beyond the agreed capacity (over a 3 month period) we will contact you as you are exceeding your authorised capacity which may result in further charges and may require further reinforcement to our network.

Earthing

Where connection is provided at High Voltage, you must ensure that your High Voltage and Low Voltage earth systems meet statutory requirements and national standards. If a connection to Southern Electric Power Distribution plc's High Voltage earth system is desired you must contact and agree in writing how this will be done.

Site Requirements

This site requirements schedule includes any detailed requirements for our on-site works, what you need to know about cable routes and trenching and any special or unusual load you have requested to be connected such as motors and welders.

Southern Electric Power Distribution plc Reference: [REDACTED]

Site address: [REDACTED]

Offer date: 21 February 2018

This site requirements schedule gives details of the site works you will need to complete for us to meet your requirements. Please read this document carefully as any problems with these works may result in additional charges and/or delays. If you need any assistance please contact us.

When we attend to undertake our works you must ensure that any substation's site(s), cable routes and any associated overhead line positions are clear of all encumbrances and ready for on site construction.

You are required to ensure that all works on your own electrical installation are carried out by a qualified electrical contractor who is registered. Statutory qualification schemes, for Building Regulation purposes, are currently run by NICEIC, SELECT, ECA, NAPIT, ELECSA, British Standards Institution and BRE Certification. For Government approved organisations that register electricians please refer to the Electrical Safety Council.

Cable Routes and Ducts

Before we can lay our cables you will need to set out kerb lines, establish levels where roads or footpaths are not yet being constructed and, provide routes clear of obstructions or building materials. We will charge you for any subsequent alterations to our cables because of changes to the site layout.

You will need to install 150mm diameter road crossing ducts. These must be twin walled black polyethylene ducting such as Ridgiduct, complying with the current edition of the ENATS specification 12-24.

Duct crossings must be laid at a depth of not less than 600mm and not more than 800mm below the finished road surface. The crossings should extend approximately 150mm beyond the kerb line on either side of the road and the ends should be blanked off to prevent ingress of spoil.

Please ensure that ducts provided for our use are spaced at least 1.0m clear of inspection pits and other duct lines to ensure working clearance at the ends of the ducts.

Trenching and Inspection of Cables

Where you are trenching for our cables, further information is available in our 'New Connections – Mains Trenching and Cable Laying Guide'. Please ask our Team Manager for a copy or download it directly from our website at www.ssen.co.uk/connections/usefuldocuments/. This will ensure you meet our requirements and comply with the NJUG recommendations.

We will blind our cables using suitable material – which must be free of sharp stones and rocks etc. Where the excavated material is not suitable, you will need to provide us, free of charge, an alternative material for this purpose, typically sand. You will be responsible for backfilling and reinstatement of the trenches. Please contact our Team Manager a few days before you start works on site and he will visit and advise you on any additional requirements.

You are required to ensure that all works on your own electrical installation are carried out by a qualified electrical contractor who is registered. Statutory qualification schemes, for Building Regulation purposes, are currently run by NICEIC, SELECT, ECA, NAPIT, ELECSA, British Standards Institution and BRE Certification. For Government approved organisations that register electricians please refer to the Electrical Safety Council.

Removal of Southern Electric Power Distribution plc's Equipment

Any equipment disconnected from our network is still our property. You may not remove any disconnected plant or cables without our prior agreement.

Harmonic distortion limits

The complete installation must strictly comply with the requirements detailed in the Electricity Association Engineering Recommendation G5/4 "Planning levels for harmonic voltage distortion and the connection of non-linear equipment to transmission systems and distribution networks in the United Kingdom". The connection must comply with the Stage 1, Stage 2 or Stage 3 limits as specified by G5/4. In the event of non-compliance with G5/4, we reserve the right to disconnect the installation from the network until compliance can be guaranteed. This is to prevent unwanted disturbance to other customers connected to the network.

Substation

To provide a connection we shall need a new distribution substation(s).

You shall provide a site nominally 4.0m wide x 4.0m deep (if situated in England and Wales) or 5.0m wide x 5.0m deep (if situated in Scotland) for the substation and its equipment, in order to comply with boundary legislation. The site must be suitably enclosed, secure and be kept in good condition. The subsoil must be capable of withstanding a load of 8.0 tonnes per square metre to avoid settlement.

It is important to avoid delays with the legal transactions. We will ask our Wayleave Officer to pursue this when we receive your acceptance of our Offer, any Connection Agreement and payment of the charges included in our Offer. Please ask your solicitor to write to the Wayleave Officer at this office as soon as possible, enclosing a copy of the Registered Title for the substation site where appropriate. We will be unable to start our substation site works until the legal formalities have been completed.

We need unrestricted access to the substation for operational purposes. Access may also be required, at a later stage, to enable additional connections from the substation to our network. Any future site security, both during and after completion of the development, must reflect this requirement.

Substation Enclosure

The substation will be fully enclosed in a glass reinforced plastic (GRP) housing. You are responsible for providing the foundation for this housing and we enclose drawing TG-PS-584 which details our requirements.

The Company's Standard Terms and Conditions

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1. The Offer remains open for acceptance in writing for 90 days from the date of issue, unless notified by the Company in writing to the contrary. The Company reserves the right to amend or withdraw the Offer at any time prior to the Customer accepting it.
2. If the Customer has entered into the contract as a Consumer, the Consumer Terms and Conditions shall be incorporated into these terms and conditions and to the extent of any inconsistency, the terms of the Consumer Terms and Conditions shall prevail.
3. The Customer will provide the Company with the facilities reasonably necessary to enable it to complete the Works in the most economical manner. In default the Customer shall pay the Company such reasonable additional costs that may result.
4. Where any changes to the Works are required other than as a result of the Company's negligence the Company shall submit written details of the additional cost to the Customer who shall be entitled to terminate the contract upon giving the Company written notice within 5 working days of the date of submission of such details. In the event of termination the Customer shall pay the Company's reasonable charges for the work done or committed and materials purchased prior thereto and reimburse any costs or expense incurred or committed by the Company in obtaining any wayleaves and consents.
5. In accordance with the Land Rights Criteria, the Customer will (i) grant any Land Rights for cables, overhead lines, substations and all other apparatus to be installed over or within their property, (ii) provide and install ducts for on site road crossings and for service cable entry and (iii) agree service terminations in a position acceptable to the Company and provide and install service tubes from the back of the footpath to the premises to which the connection is required terminating where possible in an external meter reading cabinet.
6. The Customer will meet (i) their own agent's legal and other fees and expenses, (ii) the legal and other fees and expenses of the Company, and (iii) the legal and other expenses of any consentor or other third party in connection with the grant of the Land Rights.
7. The Company reserves the rights not to install the Works on contaminated land. Where contamination is found by or becomes known to the Company, additional charges may be rendered to the Customer in accordance with Condition 4.
8. The Customer will, at no cost to the Company and to a satisfactory standard reasonably specified by the Company, be responsible for carrying out all on site cable trenching for services, LV and HV mains cable, other than within substation sites and for backfilling and trench reinstatement once the Company has laid and covered the aforesaid cabling.
9. The Customer will be responsible for all building costs associated with the supply intake and any meter cabinets.
10. The Customer will provide service termination facilities, in a position acceptable to the Company.
11. The Company shall be entitled to terminate the contract constituted by your acceptance of the Agreement by written notice to you, at any time following the expiry of the period specified in the Quotation, if the works referred to in the Quotation have not commenced or did commence but subsequently ceased and such delay in commencing or completing the works is not attributable to the act or omission of the Company. If the Company terminates before commencement or commencement of the works referred to in the Quotation and/or any associated tasks, the Company will return any sums paid to us minus administration costs. If the Company terminates before completion of the works referred to in the Quotation but after commitment or commencement of any associated tasks, the Customer will be liable for any reasonable charges for the work done or committed and materials purchased prior to termination and any costs or expense incurred in relation to obtaining any wayleaves or consents or other such land rights. The Company will be entitled to deduct such amounts, together with administration costs from any sums paid to us
12. The Offer is subject to the Company obtaining all required Land Rights and statutory consents for carrying out the Works. Unless otherwise stated the Offer assumes that all plant and equipment will be placed in the adopted public highway or land owned or controlled by the Customer who will provide all Land Rights free of charge. The Customer will pay the full cost of obtaining any Land Rights required from third parties (including settlement of all properly reimbursed claims thereunder) in addition to the charges identified in the Quotation provided that where these have a significant impact on the overall cost the Customer shall be entitled to terminate the contract upon written notice to the Company. In the event of termination the Customer shall pay the Company's reasonable charges for the work done or committed and materials purchased prior thereto and reimburse any costs or expense incurred or committed by the Company in obtaining any Land Rights.
13. It is assumed that the Company will carry out all Works during normal working hours. There will be an additional charge for any overtime working at the Customer's request.
14. The Quotation is based on material and labour costs prevailing at the date of the Offer Letter. The Company shall have the right to vary the Quotation in accordance with any variations in the material or labour costs subsequent to the date of the Offer Letter (unless otherwise stated in the Offer Letter) upon submitting written details of the additional cost to the Customer who shall be entitled to terminate the contract upon giving the Company written notice within 5 working days of the date of submission of such details. In the event of termination the Customer shall pay the Company's reasonable charges for the work done or committed and materials purchased prior thereto and reimburse any costs or expense incurred or committed by the Company in obtaining any Land Rights.
15. Unless otherwise agreed the Company requires full payment of the amount due on acceptance 30 days prior to commencement of the Works. All other arrangements will be subject to status.
16. The Company may submit progress invoices to the Customer, in respect of the amount of labour expended and materials delivered to site and the Company's stores up to the date of the progress invoice. Adjustments will be made to the rates of VAT to those applicable at the date of invoice or payment, whichever is the earlier.
17. The Company will issue a further invoice to the Customer on completion of the electrical works in respect of the Second Comer Charge.
18. The Customer must settle invoices within 30 days of the date of the invoice.
19. The Customer must settle invoices within 30 days of the date of the invoice.
20. If any amount remains unpaid after the due date, the Company shall (in addition to any other remedies) be entitled to charge interest on

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- the amount unpaid at the annual rate of 3% over the base rate of the Bank of England from the due date to the date of payment in full.
21. The Company reserves the right to require that the Customer provides security for any payment which may become due pursuant to this Offer and/or section 19 of the Electricity Act 1989. The Company may automatically apply any such security in cash against any such sums as they become due.
 22. Unless otherwise agreed in writing by the Company time is not of the essence in relation to the Company's Works.
 23. The Company shall have no liability to the Customer whether in contract, tort or delict (including negligence), for breach of statutory duty, or otherwise arising under or in connection with this Agreement for any indirect or consequential loss, any loss of profit, revenue, generation, business, savings, (anticipated or otherwise) or any other form of economic loss (whether or not occurring in connection with physical damage) provided that this Condition 20 shall not exclude or restrict the liability of the Company for death or personal injury or any other liability which cannot be limited or excluded by applicable law.
 24. The Company's liability under or in connection with this Agreement shall be limited to £1 million in the aggregate. This limit shall apply however that liability arises, including, without limitation, a liability arising by breach of contract, arising by tort or delict (including negligence) or arising by breach of statutory duty provided that this Condition 21 shall not exclude or restrict the liability of the Company for death or personal injury or any other liability which cannot be limited or excluded by applicable law.
 25. The Customer acknowledges and confirms that it does not enter into the Agreement in reliance on any oral representation, warranty or undertaking not fully reflected in the terms of the Agreement and that no amendment, modification or substitution to the Agreement shall be effective unless executed in writing by both parties.
 26. The Equipment shall at all times remain the property of the Company. On completion of the Works and, with respect to any Contestable Connection Works undertaken by the Customer, the Customer both satisfactorily completing any Contestable Connection Works and an Adoption Agreement with the Company covering the Contestable Connection Works, the whole of the Works, Equipment and the aforesaid Contestable Connection Works shall become the property of the Company. The Customer shall protect the Equipment from any damage or interference between delivery to the site and completion of the Works and shall indemnify the Company for any loss or damage to the Equipment during such period. The Company shall be responsible for the final connection of the Works to its distribution system.
 27. The Quotation is net of any Cost Apportionment Contribution due to the Customer and no further contributions or allowances are applicable. The value of the Cost Apportionment Contribution has been calculated on the basis of, inter alia, the Equipment specified in the Offer Letter, the available capacity agreed for the development, the build rate and the electrical heating the Customer has declared will be installed. The value of Cost Apportionment Contribution made in favour of the Customer by the Company will be indicated in the attached Quotation and its value may be recalculated by the Company to reflect any alteration to the basis of the calculation and the Customer will refund any excess Cost Apportionment Contribution made by the Company upon demand. The Customer shall be liable to pay to the Company the full value of the Cost Apportionment Contribution received from the Company in the event this Agreement is terminated prior to the completion of the Connection. In such event, the Customer shall be liable to pay to the Company a proportion (to be determined by the Company) of the Cost Apportionment Contribution.
 28. It is a condition of the Offer that the Customer **or the end customer who will be responsible for the associated charges** shall (where applicable) enter into a Connection Agreement with the Company prior to energisation of the Connection.
 29. The Customer will carry out the site work specified in the Site Information & Customer Requirements document.

Supplementary Consumer Terms and Conditions

1. Application of these Terms and Conditions

These Supplementary Consumer Terms and Conditions apply to an Offer issued by Southern Electric Power Distribution plc to a consumer. Where applicable these Supplementary Consumer Terms and Conditions shall be incorporated into the terms of the Offer and where inconsistent with any term of the Offer, these Supplementary Consumer Terms and Conditions shall prevail.

2. Right to Cancel

You have the right to cancel your contract with us within 14 days of us receiving your acceptance without giving any reason. The cancellation period will expire after 14 days from the day we receive your acceptance. This right is in addition to any other right to cancel that you have under our standard terms and conditions.

To exercise the right to cancel, you must inform us [Connections and Engineering, Walton Park, Walton Road, Cosham, PO6 1UJ, connections@sse.com] of your decision to cancel this contract by a clear statement (e.g. a letter sent by post or e-mail). You may use the attached model cancellation form, but it is not obligatory.

To meet the cancellation deadline, it is sufficient for you to send your communication concerning your exercise of the right to cancel before the cancellation period has expired.

3. Effect of Cancellation

If you cancel the contract in accordance with paragraph 2 above, we will reimburse to you all payments received from you.

We will make the reimbursement without undue delay, and not later than 14 days after the day on which we are informed about your decision to cancel the contract.

We will make the reimbursement using the same means of payment as you used for payment, unless you have expressly agreed otherwise; in any event, you will not incur any fees as a result of the reimbursement.

If you requested that we begin the performance of works during the cancellation period, you shall pay us an amount which is in proportion to what has been performed prior to your cancellation of the contract, in comparison with the full works provided for in the contract.

MODEL CANCELLATION FORM

(Complete and return this form only if you wish to withdraw from the contract)

To: Connections And Engineering
Walton Park
Walton Road
Cosham
PO6 1UJ
connections@sse.com

I/We [*] hereby give notice that I/We [*] cancel my/our [*] contract for the supply of the following service [*],

Offer accepted on [*],

Name of customer(s),

Address of customer(s),

Signature of customer(s) (only if this form is notified on paper),

Date

[*] Delete as appropriate

Detailed Cost Breakdown

Please note that due to rounding within the calculation of the Breakdown of Charges which forms part of this Offer, the total shown below may differ slightly from the "Total charge to applicant" amount in the Offer Letter. For the avoidance of doubt the "Total charge to applicant" figure in the Offer Letter reflects our detailed forecast and calculations and is the accurate figure. It is the amount we need to receive before we can schedule works.

This does not form part of our Offer and is not legally binding.

Job Details

Job Reference
Version



Estimate Summary List

Section Qty.	Contestable Works: Connection Description	Voltage	Cost(£)
1	On site design HV demand	Assessment & Design	£506.90
1	Wayleaves 3rd party negotiation/ planning etc requirements	Wayleaves	£456.21
40	150mm XLPE	HV	£720.56
1	Collect, Deliver and return cable drum to base on trailer	HV	£94.83
28	D306 - Lay & Blind Only	HV	£375.79
12	D1085 - Road Crossing	HV	£3,868.52
1	D2043 - Joint Hole STRAIGHT JOINT - Footpath (2.5*1.2)	HV	£1,311.73
4	D1052 - Footpath	HV	£376.08
12	D503 - Lay Ducts	HV	£97.18
12	Lay Cable Pulled into Ducts	HV	£65.93
1	Fit Earth cap (per mains cable length)	HV	£129.23
4	Traffic Management - Highway	HV	£85.85
1	Traffic Management - Road Crossing	HV	£715.41
1	Highways Permit & Admin Fee	HV	£286.16
1	GRP Housing (Medium Duty)	11kV Plant	£4,893.70
1	Shingle S/S	11kV Plant	£145.60
1	Substation Earthing	11kV Plant	£670.29
1	RMU F/S with HV Metering to 1.5MVA	11kV Plant	£10,020.34
1	Crane Hire	11kV Plant	£2,146.22
1	CT Metering (excl. HV shutdown)	11kV Plant	£838.17
Total (£)			£27,804.70

Section Qty.	Non-Contestable Works: Final Connection Description	Voltage	Cost(£)
1	POC information HV Demand	HVPOC	£750.00
1	HV network @ level 3	HV	£3.00
1	Final legal paperwork for Wayleaves/Legals	Wayleaves	£450.00
1	Breeches Joint	HV	£864.22
8	Shutdown (hrs)	HV	£396.12
1	Padlocks (Operational) South	11kV Plant	£207.00
Total (£)			£2,670.34

Section Qty.	Non-Contestable Works: Network Reinforcement Description	Voltage	(£)
30	150mm XLPE	HV	£521.23
2	Straight Joint	HV	£1,186.19
1	Collect, Deliver and return cable drum to base on trailer	HV	£91.47
10	D306 - Lay & Blind Only	HV	£129.44
20	Lay Cable Pulled into Ducts	HV	£105.98
1	Fit Earth cap (per mains cable length)	HV	£124.64
1	Joint Hole - Unmade	HV	£647.30
1	Joint Hole - Road	HV	£1,826.18
5	D1055 - Road	HV	£1,180.52
5	D1051 - Unmade	HV	£199.13
8	Shutdown (hrs)	HV	£396.11
Total (£)			£6,408.19

Section Description	Non-Contestable Works: Other	Cost (£)
	Other Cost - Rebate	£0.00
	Other Cost - 2nd Comer	£0.00
	Other Cost - O & M	£0.00
	Other Cost - High Cost O & M	£0.00
Total (£)		£0.00
DNO Costs (£)		£5,679.24
Customer Costs (£)		£31,203.99

Totals	Cost(£)
Contestable Total	£27,804.70
Non-Contestable Total	£9,078.53

For an explanation of the technical terms or abbreviations used in the above cost breakdown please visit our website www.ssen.co.uk/connections/abbreviations