Title: The Field / Barns Court / Brighton Road / Henfield / BN5 9ST (Phase No1)

JOB NO: 8500298253 (UKPN - 8500298253 1-500 A0) (Phase No1)

PROPOSAL PLOT

Nutknowle Farm

Pond

Pond

Knowle Barn

NUT KNOWLE FARM
pmt 504490 (M)

WOODMANCOTE EAST
pmt 504660 (M)

Kohlee

Hunters View

The White House

Downlands

The Field

St George

The Cottage

Ashleigh

Drac

A 281

PHASE NO1

*** IMPORTANT NOTES ***

- All cables discovered must be considered LIVE and DANGEROUS at all times and must not be cut, re-sited, suspended or generally interfered with, unless specifically authorised on-site by an UK Power Networks Engineer.

- All the cables are UK Power Networks' property and remain so even when made dead, unless we notify you otherwise unless we notify you otherwise and any such cable exposed should be reported to the UK Power Networks Engineer for your Development.

- If the project involves open, un-ducted trenches that have been dug by you or your appointed contractor, UK Power Networks appointed contractor will be responsible for sanding / blinding the trenches and supplying and installing the Tile Tape. You will then be responsible for the final backfill and reinstatement.

- If installing ducts you may be asked to provide photographic evidence / proof of the correct duct, depth and install method.
- You are also responsible for ensuring that ducted routes have been recorded.

-This quote allows for the new connection to be completed under two phases of works, if this cannot be achieved then a variation will be raised and made chargeable to the customer.
-This quote allows for the proposed works to be completed during normal working hours. If the works cannot be completed within this time, and out of hours working is required, any extra work will be chargeable to the customer and must be paid before works commence.

IMPORTANT NOTE

- New LV cables shall be installed in a trench that is a minimum of 450mm deep in the footway and 600mm deep in the carriageway.

- If the cable is installed within the carriageway, it must be additionally protected by a minimum 125mm black solid plastic rigiduct / electrical ducting (Smooth inner and corrugated outer embossed ELECTRICITY CABLE DUCT) - laid as per ECS 02-0019: Installation of Underground Cables LV to 132kV, 6.1 Cable Protection Tapes and Covers laid from site boundary to intake position with a draw rope and tile tape.
Refer to ECS 02-0019 for more information.

- All cables/ducts must be installed with tile tape marked UK POWER NETWORKS.

Customer Responsibilities:

Legal Consents:
- Customer to gain First Party legal consents for the new LV Mains cable route onsite.
- Customer to gain legal consents and provide legal approval to carry out works on 3rd party land.

Enabling Works:
- Customer to ensure that all trees and vegetation have been cleared in the proposed area of works.

Civils Groundworks (First & Third Party Land):
- Customer to carry out all groundworks on First and Third Party Land, including:
- Excavation / Reinstatement of Cable Trenches, Joint Bays and OHL associated works - As Per Redline.

Ducting:
- Customer to supply and install new ducting for the installation of the new 185H LV Mains Extension, 4c 35H and 2c 35H LV service cable routes.
- If the cable is to be installed within a carriageway / driveway, you must install 125mm Rigiduct.

New Intake Position:
- Customer to construct concrete plinth for installation of kiosk (Including: Entry / Exit Ducts for cable installation).
- Customer to construct a lockable weatherproof kiosk with adequate space to house service termination and metering equipment in line with UK Power Networks drawing: EDS 08-2110.13a/b/c.
- Customer advised to install an Isolator Unit - UK Power Networks strongly recommends that an additional point of isolation is provided.

Earthing:
- The earthing must be a minimum of 2.5m from any other service.
In accordance with EDS 06-0016 and EDS 06-0017.

Metering:
- Customer to arrange the installation of new metering equipment with meter operator / energy provider.
- Customer to provide suitably sized cable tails. Tri-rated cable are not accepted.

TBS:
- Customer to arrange the installation of the single-phase 100A Temporary Builders Supply with Small Services.
- Customer to install TT Earthing. UKPN recommend installation of earth stake and RCD. The earthing must be a minimum of 2.5m from any PME service.
In accordance with EDS 06-0016 and EDS 06-0017.

Other:
- The customer is responsible for everything downstream of the UKPN Cut-Out.
- Customer to provide unrestricted access.

TBS (To be installed by Small Services):
- 1ph 100A TBS to be temporarily disconnected to allow for the OHL to be dismantled and removed.

LV Service Straight Joint:
- Contestable Works.
- 2c 35H / 2c 35H.
- LV Type 1.

End of Main Earth:
- Contestable Works.
- Pot-End & Earth: 185H.
- LV Type 1.

LV Service Branch Joint:
- Contestable Works.
- 185H / 2c 35H.
- LV Type 1.

Site Boundary

Removal of LV OHL and LV Poles:

- Dismantle 2No Spans of 2c 100 Al Open Wire between LV poles 635348 and 635350.
- Remove 2No LV poles 635349 and 635350 (including: 1No staywire associated with 635350).

New LV Terminal Pole (635348):

Upgrade LV Pole Staywires:
- Install 2No new staywires and remove the existing 1No staywire to accommodate the new 4w 95 ABC OHL (customer to carry out groundworks).

New Terminal:
- Create new LV OH Terminal - 4w 95ABC.

Earthing:
- Install new earth cable (customer to carry out groundworks).

Groundworks:
- Customer to carry out excavation, backfill and reinstatement for the new staywires and earth cable trench.

NOTE

- Pole 635348 shall be altered from a Section Pole to a Terminal Pole, as the last 2No spans of OHL between 635348 and 635350 are to be removed.

POC:

- LV Mains Pole Termination:
- 95ABC / 185H.
- Non-Contestable Works.

ALS Responsibilities:

1. Complete: All associated Traffic / Pedestrian Management to accommodate the re-string of the OHL from Pole 634472/634473 to 634470, over the A281 carriageway.

2. Complete: Cable Installation - As Per Redline.

Re-connection of existing 3rd party service:

- 3rd party customer to be temporarily disconnected to enable the OHL reinforcement works to be carried out.
- On completion of the OHL reinforcement works, UKPN shall re-connect the 3rd party customer to the new 4c 95 ABC.

IMPORTANT NOTE

- THIS QUOTATION IS PROVISIONAL AND SUBJECT TO REVIEW BY AN FE FOR THE CONDITION OF THE LV POLES.

NO WORKS TO COMMENCE UNTIL ALL LEGALS ARE COMPLETE

- 1st Party and 3rd Party consents required for the new LV Mains Extension onsite - Wayleave required.

NO WORKS TO COMMENCE UNTIL ALL LEGALS ARE COMPLETE

- Consents regarding land ownership to be agreed for cable route.
- 3rd Party consents required from Downlands land owner.

NOTE FOR OHL WORKS

- Please note that there are trees located along the entire route of the OHL.

UKPN / UKPN Contractor Responsibilities:

- THESE WORKS WILL BE CARRIED OUT OVER 2 PHASES / VISITS:

Phase 1:
- Upgrade the existing overhead LV network from single-phase to 3ph between LV poles 634472/634473 to 635348 (3rd Party Consents Required).
- Upgrade works associated with new LV Terminal pole 635348 (3rd Party Consents Required).
- Re-connection of an existing 3rd party overhead service cable.
- Installation of 185H LV Mains Extension to site from new LV Terminal Pole 635348 (1st Party and 3rd Party Consents Required).
- Temporary Disconnection of the existing 1ph 100A TBS supply (Installed by Small Services).
- Re-connection of the existing 1ph 100A TBS.
- Dismantle 2No Spans of 2c 100 Al Open Wire between LV poles 635348 and 635350.
- Remove 2No LV poles 635349 and 635350 (including: 1No staywire associated with 635350).

Phase 2:
- Installation of a new 3ph 100A service.
- Disconnection of the existing 1ph 100A TBS supply.

PLEASE NOTE

- Any unforseen works at the time of design that may have to be carried out by UKPN / UKPN Contractors will be subject to a variation and fully chargeable to the customer.

LV Overhead line Upgrade / Reinforcement:

- Non-Contestable Works:

- Existing 2c 95ABC and 2c 100 Aluminium Open Wire to be removed and 8 x new spans of 4c 95ABC shall be installed from poles 634472/634473 to 635348.

*** PLEASE NOTE ***

-This quotation is issued on the basis that the existing LV poles are suitable to withstand the additional weight of the new conductor. If it is discovered that they do need to be replaced, additional costs will be made chargeable to the customer.

Description	Existing	Proposed
LV Cable or Line		
HV Cable or Line		
EHV Cable or Line Approx. position		
Ductline	[ ]	[ ]
Pole & Street Furniture		
Substation & Link Box		

1. The position of the apparatus shown on this drawing is believed to be correct but the original landmarks may have been altered since the apparatus was installed.
2. The exact position of the apparatus should be verified - use approved cable avoidance tools prior to excavation using suitable hand tools.
3. It is essential that trial holes are carefully made avoiding the use of mechanical tools or picks until the exact location of all cables have been determined.
4. It must be assumed that each property and item of street furniture has an electricity supply. Service cables shown only where known.
5. All cables must be treated as being live unless proved otherwise by UK Power Networks.
6. The information provided must be given to all people working near UK Power Networks plant & equipment. Do not use plans more than 3 months after the issue date for excavation purposes.
7. Please be aware that electric cables/lines belonging to other owners of licensed electricity distribution systems may be present and it is your responsibility to identify their location.

1. UK Power Networks does not warrant that the information provided to you is correct. You rely upon it at your own risk.
2. UK Power Networks does not exclude or limit its liability if it causes the death of any person or causes personal injury to a person where such death or personal injury is caused by its negligence.
3. Subject to paragraph 2 UK Power Networks has no liability to you in contract, in tort (including negligence), for breach of statutory duty or otherwise for any loss, damage, cost, claims, demands, or expenses that you or any third party may suffer or incur as a result of using the information provided whether for physical damage to property or for any economic loss (including without limitation loss of profit, loss of opportunity, loss of savings, loss of goodwill, loss of business, loss of use) or any special or consequential loss or damage whatsoever.
4. This plan has been provided to you on the basis of the terms of use set out in the covering letter that accompanies this plan. If you do not accept and/or do not understand the terms of use set out in the covering letter you must not use the plan and you must return it to the sender of the letter.
5. You are responsible for the security of the information provided to you. It must not be given, sold or made available upon payment of a fee to a third party.

0m 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m

Maps produced at 1:2500 scale are LV Geo-Schematics which show LV mains cables and overhead lines (in some cases all voltages). Prior to carrying out excavations you must refer to the 1:500 records to determine the location of all known underground plant and equipment.

Contact UK Power Networks on 0800 056 5866 for details of EHV Cable routes before commencing work.

VISITING AN OPEN POINT? Please mark on this plan all locations visited and open points as found, then return updated map to your Business Unit - Thank You.

The quality and accuracy of any print will depend on your printer, your computer and its print settings. Measurements scaled from this plan may not match measurements between the same points on the ground.

Plan Provision

CHECK IT OUT BEFORE YOU DIG IT OUT
CALL 0800 056 5866
EMERGENCY- If you damage a cable or line Phone 0800 096 3766 (24hrs) URGENTLY

ALWAYS LOOK UP BEFORE YOU START WORK
Refer to HSE Guidance note GS6

Grid Ref: TQ 23960 14366

Scale: 1:500
(When Plotted at A0)

Plotted on: 17/05/2024

Plotted by: Daniel Dunsby

UK Power Networks

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