Title: Station Road RH20 1DP

JOB NO: UKPN8500381094-1-500

PROPOSAL PLOT

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.

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 and any such cable exposed should be reported to the UK Power Networks Engineer for your Development.

The works onsite will be completed in two phases, please see the following for the details of work to be undertaken in each phase.
Phase 1:
- Install New HV Terminal Pole
- Install x2 HV Stays
- Install x1 185sx HV Pole Term
- Straight Joint 185sx HV to 300ax HV mains
- Install 1 x 500kVA Transformer Package Sub
- Install 1 x 5 Way Take Off Chamber
- Install 1 x Remote Terminal unit (RTU)
- Install 1 x Ring Main Unit (RMU)
- Commission RTU
- Inspect substation civil works
- Terminate x2 300ax into HV End Boxes
- Terminate 2 x 300H LV mains into spare ways of TOC
- Pot end and earth x2 300H LV mains.
- Install 300ax HV mains Cable.
- Straight Joint 300ax HV to .06 Copper 3c HV.
- Remove existing 100kVA PMT (522054) Pulborough Railway Station.
- Remove Existing Pole 562356 & 551248 and associated stays.
- Dismantle existing HV .05 ST Cored Ali Open Wire
- Dismantle existing LV 4c .1 Copper Open Wire.
- Install 300H LV mains Cable.
- Reconnect x8 2c 35H Single Phase 100A services.
- Works associated with LV Pole 551247
- Dismantle x1 4c 50 Ali Open Wire
- Install x2 LV Stays
- Install x1 185H LV Pole Term.
- Straight Joint 300H LV mains to 185H LV.

Phase 2:
- Install 3 x 300H LV mains into the spare waysof the TOC.
- Install new mains and services on site as per proposal.

Onsite connections:
x1 BNO:
-4c 35H / 100A BNO cut out
-100A fuses
-PME Earth
-Whole current metering
-Intake position in accordance with EDS 08-2110.13
-BNO supply in accordance with EDS 08-1103
-UK Power Networks to provide and install an isolator
-Total Load Required: 32kVA
-Volt Drop = 0.5%

x25 New Services:
- 2c 35H / 100A cut out
-100A fuses
-PME Earth
-Whole current metering
-Intake position in accordance with EDS 08-2110.01
-Total Load Required: 6.5kVA
-Volt Drop = <6%

Onsite works:
x1 LV Type 1 Service Branch Joint
300H / 4c 35H
Contestable

x25 LV Type 1 Service Branch Joints
300H / 2c 35H
Contestable

PULBOROUGH
RAILWAY STATION
ABSD
525198

562355

Install New HV Terminal Pole
- Install x2 HV Stays
Point of connection
- Install x1 185sx HV Pole Term
Non-contestable.

185sx / 300ax
HV Mains Straight Joint x1
HV Type 1
Contestable

Pot end and Earth 300H LV mains

x1 LV Type 2 Mains Branch Joint
300H / 300H
Contestable

Pot end and Earth 300H LV mains

Pot end and Earth 300H LV mains

Site boundary

Remove LV pole 551248 - Non contestable
Remove LV Stay

Works associated with existing pole mounted transformer:
Remove existing 100kVA PMT (522054) Pulborough Railway Station.
Remove Existing Pole 562356
Dismantle existing HV .05 ST Cored Ali Open Wire
Dismantle existing LV 4c .1 Copper Open Wire.

Works associated with proposed substation
Install 1 x 500kVA Transformer Package Sub
Install 1 x 5 Way Take Off Chamber
Install 1 x Remote Terminal unit (RTU)
Install 1 x Ring Main Unit (RMU)
Commission RTU
Inspect substation civil works
Terminate x2 300ax into HV End Boxes
Terminate 5 x 300H LV mains into spare ways of TOC
Pot end and earth x2 300H LV mains.

562356

PULBOROUGH
RAILWAY
STATION
pmt 522054 (M)

551248

STOPHAM ROAD

A 283

Works associated with LV Pole 551247
Dismantle x1

Offsite works:
x8 LV Type 1 Service Branch Joints
300H / 2c 35H
Non-Contestable

Offsite connections:
x8 New Services:
- 2c 35H / 100A cut out
-100A fuses
-PME Earth
-Whole current metering
-Intake position in accordance with EDS 08-2110.01
-Total Load Required: 14kVA
-Volt Drop = <6%

Works associated with LV Pole 551247
- Dismantle x1 4c 50 Ali Open Wire - Non Contestable
Install x2 LV Stays - Non Contestable
- Install x1 185H LV Pole Term. - Non Contestable.

x1 Type 2 LV Mains Straight Joint
300H / 185H
Contestable

300ax / .06 Copper 3c
HV Mains Straight Joint x1
HV Type 1
Contestable closing joint

562120

527053

UK Power Networks Responsibilites:
Conduct a HV shutdown of the local network
Install 1 x 500kVA Transformer Package Sub
Install 1 x 5 Way Take Off Chamber
Install 1 x Remote Terminal unit (RTU)
Install 1 x Ring Main Unit (RMU)
Commission RTU
Inspect substation civil works.
Complete the removal of PMT 522054 and associated overhead.
Complete the reconnection of x8 existing properties on Stopham Road via installation of 300H LV mains.
Complete removal of LV poles 562356 & 551248 and associated assets.
Install new LV stays on Pole 551247.
Complete all jointing works and pot ends.

UK Power Networks civil contractors responsibilities:
-Complete all offsite excavation and reinstatement including all related traffic management.
- Install all cable.
- Install approx 15m of 2c 35H service cable for x25 onsite service. Intake positions marked.

Customer Responsibilities
To cast plinth with associated earthing as per UKPN specification EDS 07-3102_15 Brick Built substation for a transformer up to 500kVA. It is strongly recommended that you use a specialist earthing contractor to carry out the substation earthing works.
ACCESS - ensure that substation location is set back to allow substation doors to open inside the boundary of the site. Provide full and permanent hard standing vehicular access to substation location.
EXCAVATION - carry out all excavation and reinstatement on site as defined by the marked site boundary on the plan including all onsite joint bays/pulling holes. in accordance with ECS 02-0019.
INTAKE - provide and install an external meter box for each dwelling.
Provide unrestricted access to site on days of works the works.
Provide parking onsite for UKPN and associated vehicles.
Provide welfare facilities for operative use for the duration of the works.
This quotation is based on the assumption that a minimum of 5 service connections will be made per visit. If this cannot be achieved, The works are to be carried out, in normal working hours only, if this is unavailable, then a variation will be required.

Pulborough
(Station)
Car Park
Garage
Subway
TCB
STATION APPROACH
Laker Ho
Car Park
Shelter
West Sussex
West Sussex LR
WATERSEDGE
551241
551240
551239
551238 (S)
551246
95ABC
Pl. Stn
2c 35H
2c 25H (B)
2c 25H (Y)
2c 25H (R)
70W
Pl. Stn
Pos
Pl. Stn
Pos
MP
NR
1 +sl
Pl. Stn
2c 35H

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

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
CALL 0800 056 5866
EMERGENCY- If you damage a cable or line
Phone 0800 096 3766 (24hrs)

LOOK OUT LOOK UP

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

Grid Ref: TQ 04131 18541

Scale: 1:500
(When Plotted at A1)

Plotted on: 02/09/2026

Plotted by: Calum Skorka

UK Power Networks

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