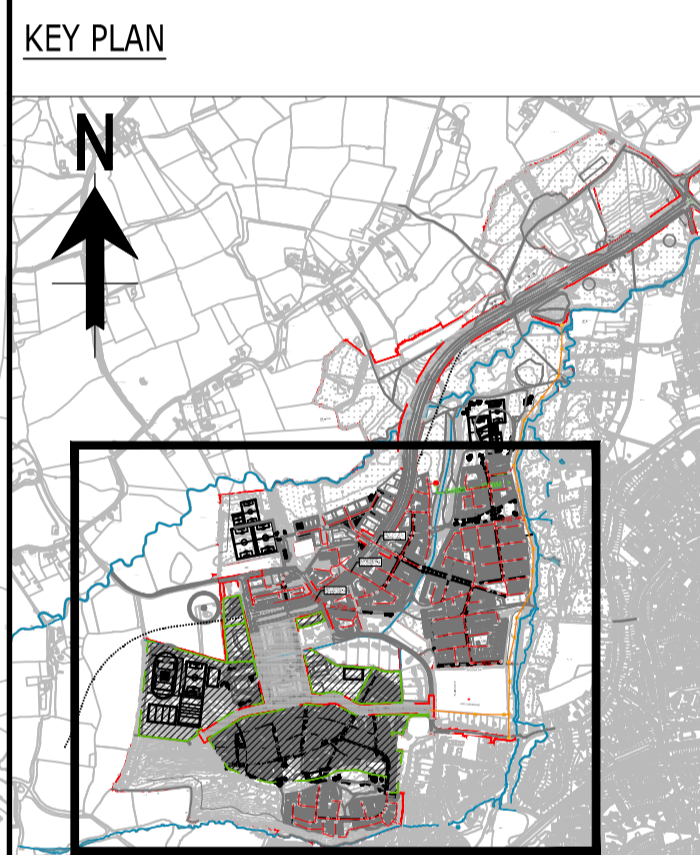


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- Notes
- DO NOT SCALE FROM THIS DRAWING.
 - ALL DIMENSIONS ARE MILLIMETRES U.N.O.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
 - ALL DRAINAGE WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH 'SEWERAGE SECTOR GUIDANCE APPENDIX C (FORMERLY KNOWN AS 'SEWERS FOR ADOPTION'), BUILDING REGULATIONS PART H AND CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY WHERE APPROPRIATE.
 - DRAWINGS HAVE BEEN PRODUCED BASED ON:
 - SITE MASTERPLAN - GILLESPIE DRAWING P12061-00-001-GIL- 0105
 - OS BASE MAP
 - TOPOGRAPHICAL SURVEY - MALTBY SURVEYS LTD DRAWING 19/013/100-00

- KEY:
- SITE BOUNDARY
 - PHASE 1 BOUNDARY
 - PHASE 1 SUB-CATCHMENT BOUNDARY
 - ExFW - EXISTING FOUL WATER DIVERSION
 - EXISTING FOUL WATER MANHOLE
 - FW - FOUL WATER DRAIN
 - FOUL WATER MANHOLE
 - FWRM - FOUL WATER RISING MAIN
 - FOUL WATER PUMP STATION
 - EXISTING MAIN RIVER/ ORDINARY WATERCOURSE
 - FLOOD ZONE 2 EXTENT
 - PHASE 1 BOUNDARY EXTENT - TO ARCADIS DESIGN INFORMATION
 - SUB-CATCHMENTS WITHIN PHASE 1 DESIGN BY ARCADIS



Rev	Description	Date	By	App
P03	UPDATED RED LINE BOUNDARY	10.06 2025	GG	SP
P02	DRAFT ISSUE	16.04 2025	GG	SP
P01	DRAFT ISSUE	25.05 2023	PMG	DS
			MS	

STAGE 2

WEST OF IFFIELD

RAMBOLL

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SITE WIDE FOUL WATER DRAINAGE GENERAL ARRANGEMENT

Project No:	Scale (BA1):	Drawn:	Date:
1620007949-001	1:2500	PMG	MAY 2023
Drawing No:	SCALE	Rev:	
RAM-XX-DR-DC-0110	1:250	P03	

- GENERAL DESIGN NOTES:**
- FOUL WATER DRAIN POINTS CONNECTING INTO SITE WIDE NETWORK SUBJECT TO FURTHER TO CONFIRMATION AND DETAILED DESIGN DEVELOPMENT AND ARE NOT INDICATED AT THIS TIME AND TBC BY MEP AND ARCHITECT.
 - PROPOSED ONSITE UTILITY SERVICES NOT KNOWN, ROUTES TO BE PROVIDED AROUND/ ABOVE DRAINAGE NETWORKS TO AVOID CLASHES.
 - FURTHER COORDINATION REQUIRED WITH LANDSCAPE ENGINEER TO DETERMINE LOW POINTS FOR GULLY AND DRAINAGE CHANNEL PROVISION AS DESIGN DEVELOPS.
 - FURTHER COORDINATION REQUIRED WITH FINAL TREE LOCATIONS AND DETAILS TO AVOID CLASHES WITH BELOW GROUND DRAINAGE.

Appendix 7 UKPN Budget Estimate

Arwin Riyahy
Ramboll
240 Blackfriars Road
London
SE1 8NW

Date: 09.06.2023

Our Ref: 8600028781 / QID 3000045813

Dear Arwin

Site Address: Land West of Ifield, Rusper Road, West Sussex RH11 0LN

Thank you for your recent enquiry regarding the above premises. I am writing to you on behalf of South Eastern Power Networks the licensed distributor of electricity for the above address trading as UK Power Networks.

I am pleased to be able to provide you with a budget estimate.

It is important to note that this budget estimate is intended as a guide only. It may have been prepared without carrying out a site visit or system studies. No enquiry has been made as to the availability of consents or the existence of any ground conditions that may affect the ground works. It is not an offer to provide the connection and nor does it reserve any capacity on UK Power Networks electricity distribution system.

Budget Estimate

The following is the estimated price and proposed works for a mixed residential/commercial development based upon an import capacity of 30,150kVA.

Description of work

- New 400/132kV Super Grid Transformer at Bolney GSP
- Installation of 2 x 33kV circuit breakers at Three Bridges Grid
- Extension of existing 33kV switchroom at Three Bridges Grid
- Excavation, installation and reinstatement of 2 x 33kV cable route with pilot between POC and the Customer site (Approximately **5,500m**)
- Installation and commissioning of 33/11kV Primary substation comprising of 2 x 33/11kV Transformers and associated protection on customer site
- Manage Outages
- National Grid Project Progression Study
- Wayleaves and Consents

The budget estimation for this work is: £ 28,000,000.00 (excluding VAT)

Non-Contestable: £ 19,000,000.00

Contestable: £ 9,000,000.00

Point of Connection voltage: 33 kV

Point of Connection location: TQ 28662 36970 – Three Bridges Local Grid 33kV

Approximate cable length: 5,500 m of 33 kV cable

Further information

This application will be interactive.

The above budget estimate price is for the electrical infrastructure down to 11kV bar of the main switchboard. It does not include for any on site 11kV cables, secondary substations, LV cables or LV services.

Special Conditions:

Transmission Impact Assessment

Whilst we cannot pre-empt the outcome of the statement of works assessment, customers should be aware that the results may significantly impact the nature of the connection. Due to wider Transmission reinforcement, any demand connection is likely to be post 2030.

National Grid, DNO(s) and government departments are considering options to help mitigate the transmission issues and release capacity to enable possible early connections. If you wish to understand more around the options being considered you wish to attend our DER customer forums, details of which are available on our website.

Assumptions

These budget estimates are based on the following assumptions:

- The proposed point of connection is capable of accepting the capacity quoted without adversely impact the network conditions. A formal offer will be subject completion of power flow or fault level study to confirm viability of the rating and point of connection
- All necessary consents are granted. Please note this budget estimate does not include any cost required for the consents. These will be an additional cost.
- The most appropriate Point of Connection (POC) is as described above.
- A viable cable or overhead line route exists along the route we have assumed between the Point of Connection (POC) and your site.
- In cases where the Point of Connection (POC) is to be at High Voltage, that a substation can be located on your premises at or close to the position we have assumed.
- Where electric lines are to be installed in private land UK Power Networks will require an easement in perpetuity for its electric lines and in the case of electrical plant the freehold interest in the substation site, on UK Power Networks terms, without charge and before any work commences.
- You will carry out, at no charge to UK Power Networks, all the civil works within the site boundary, including substation bases, substation buildings where applicable and the excavation/reinstatement of cable trenches.
- Unless stated in your application, all loads are assumed to be of a resistive nature. Should you intend to install equipment that may cause disturbances on UK Power Networks' electricity distribution system (e.g. motors; welders; etc.) this may affect the estimate considerably.
- All UK Power Networks' work is to be carried out as a continuous programme of work that can be completed substantially within 24-36 months from the acceptance of the formal offer but not taking into account NG transmission restrictions.

Please note that if any of the assumptions prove to be incorrect, this may have a significant impact on the price in any subsequent quotation. You should note also that UK Power Networks' formal connection offer may vary considerably from the budget estimate. If you place reliance upon the budget estimate for budgeting or other planning purposes, you do so at your own risk.

Post estimate call

We will contact you within the next few days to discuss this letter.

At UK Power Networks are always looking for ways to improve the service we provide to our customers, so we may record the post quote call for training purposes. We will not share the recorded call with anyone outside of our connections business and we will delete the recording as soon as we have completed the training review. However, if you do not want us to record the call please let us know at the beginning of the call.

If you would like to proceed

If you would like to proceed to a formal offer of connection then you should apply for a quotation, making your request for a constrained or unconstrained connection clear in the G99 application form. Please refer to our website [click here](#) for 'The connection process' which details our application process.

To help us progress any future enquiry as quickly as possible please quote the UK Power Networks Reference Number from this letter on all correspondence.

If you have any questions about your budget estimate or need more information, please do not hesitate to contact me. The best time to call is between the hours of 9am and 4pm, Monday to Friday.

Yours sincerely

Saadat Hussain
Project Manager
Tel: 07938 740408
Email: saadat.hussain@ukpowernetworks.co.uk