

# ESTIMATE

SUBMITTED SUBJECT TO TERMS  
AND CONDITIONS PRINTED OVERLEAF

Our Ref: BL/wd/P/M/22/5122



10 February 2023

## **Vale Consultancy**

29 Bocam Park  
Old Field Road  
Pencoed  
Bridgend  
CF35 5LJ

### **For the attention of Matt Jones**

Dear Sirs

**Re: Proposed Property at Julian Terrace, Port Talbot.  
Minipiling ("Sub-Contract Works")**

Further to receipt of the site investigation for the above on the 8<sup>th</sup> February 2023, we have pleasure in submitting our estimate for the design and construction of minipiling works at the above site, for the tender sum of: **£16,916.00** nett excluding VAT (if applicable).

The basis of our estimate is as detailed below and in the attached Bill of Quantities and Appendices and is offered on the terms and conditions overleaf and is subject to the provision of defined attendances. Our schedule of attendances which includes the FPS Schedule of Attendances (as amended by Roger Bullivant Limited) is available on request and will be forwarded before we enter into any contract.

We have based the above on the assumption that the piles will achieve set in the dense gravel at around 6m.

We have assumed that any ground contamination (if applicable) will be removed prior to the commencement of the piling works.

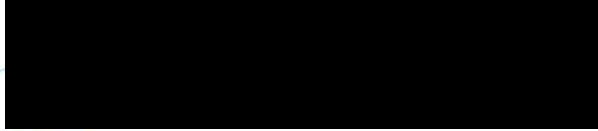
We trust this estimate is of interest; should this be the case, there are certain technical and contractual issues that we require to discuss and agree before entering into any contract for the Sub-Contract Works.

Please note that plant and labour costs are fixed until the end of February 2023, but due to the volatility of Construction Materials prices for these cannot be fixed and will be subject to adjustment in line with inflationary changes.



Should you have any queries regarding our proposals, please do not hesitate to contact the undersigned quoting our reference number at the top of the page.

Yours faithfully  
for and on behalf of  
**Roger Bullivant Limited**



**Byron Lambert**  
Minipiling Discipline Manager

**BILL OF QUANTITIES**  
**BOTTOM DRIVEN CASED PILES**

| Item                         | Description                                                                                                                                                                                                                                                                                                                                                                 | Qty | Unit         | Rate      | Amount            |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------|-----------|-------------------|
| 1                            | Establish piling plant for main piling operations and remove upon completion (single visit to site).                                                                                                                                                                                                                                                                        | 1   | Visit        | £2,986.00 | £2,986.00         |
| 2                            | Move piling plant between and set up at each pile position.                                                                                                                                                                                                                                                                                                                 | 32  | No.          | £25.00    | £960.00           |
| 3                            | Supply and drive piles 220mm diameter for any length up to and including 6m for SWL 200kN (max).                                                                                                                                                                                                                                                                            | 32  | No.          | £405.34   | £12,970.00        |
| 4                            | Extra for pile length supplied greater than 6m.                                                                                                                                                                                                                                                                                                                             |     | Lm           | £63.00    | Rate Only         |
| 5                            | Pre-boring of piles at a diameter of 160mm<br>a. Mobilisation of additional equipment.<br>b. Pre-boring. Including/excluding of site disposal of arisings.                                                                                                                                                                                                                  |     | Item         | £2,300.00 | Rate Only         |
| 6                            | Dynamic load testing (optional). Proof load test 3No. working piles in a single visit during main piling operations.                                                                                                                                                                                                                                                        |     | Sum          | £1,685.00 | Rate Only         |
| 7                            | Reducing of piles to cut-off level.                                                                                                                                                                                                                                                                                                                                         |     |              |           | Main Contractor   |
| 8                            | Standing time for piling rig, associate plant and labour whilst overcoming obstructions or due to circumstances beyond our control. This item is intended to cover short duration standing time only. Should excessive delays and continuous standing of our rigs occur we reserve the right to temporarily remove the rig from site and remobilisation charges will apply. |     | Rig per Hour | £155.00   | Rate Only         |
| <b>ESTIMATE TOTAL (Nett)</b> |                                                                                                                                                                                                                                                                                                                                                                             |     |              |           | <b>£16,916.00</b> |

Subject to attached covering letter ref BL/wd/P/M/22/5122 dated 10<sup>th</sup> February 2023.

Measurement for the supply and installation of driven piles is from commencement level to pile toe.

**APPENDICES (Sheet 1 of 2)**

**A. LIST OF CONTROL DOCUMENTS**

- |     |                               |                                                                                                             |
|-----|-------------------------------|-------------------------------------------------------------------------------------------------------------|
| A.1 | RECEIPT OF SITE INVESTIGATION | Dated 8 <sup>TH</sup> February 2023 excluding any Terms and Conditions referred to or incorporated therein. |
| A.2 | DRAWING NUMBERS               | TBC                                                                                                         |
| A.3 | SOIL CONDITIONS               | As Integral Geotechnique Report BH1.                                                                        |
| A.4 | CONTRACT CONDITIONS           | RBL Terms and Conditions printed on the reverse of the first page of this Estimate.                         |

**B. OTHER MATTERS SPECIFIC TO THIS ESTIMATE**

1. This Estimate is based on a normal five day week, working up to nine hour shifts without restriction or interruption and in a logical sequence. On this basis we estimate that the duration of the Sub-Contract Works will be between 1 and 2 working weeks, excluding provisional items, holidays and pile testing of all types.
2. Unless otherwise agreed in the covering letter, it is the Employer's responsibility to notify us of the exact number, loading and configuration of the piles and to notify us of any incidental loading conditions including but not limited to Negative Skin Friction, Cropping and Ground Heave Tension. Any such information provided to us by a consulting engineering practice (other than one instructed by RBL) shall be deemed to be provided by that consulting engineering practice as agent for the Employer.
3. Accordingly, we shall only be responsible for designing piles, using reasonable skill and care, to carry loads as indicated in the attached specification.
4. We have not had the opportunity to visit the site and this estimate may therefore be subject to revision if and when we have carried out a site inspection.
5. The approximate current notice to start work is dependant on the availability of plant at the time we conclude any contract with you.
6. Noise, vibration and nuisance will be kept to the level associated with the normal use of our plant.
7. Where any term of this contract seeks to limit or adversely affect a consumer's statutory rights then that term shall not apply.
8. Payment terms are subject to us receiving satisfactory credit references prior to accepting an order.
9. Our offer does not include for any retention.
10. Our estimate is strictly nett of any Main Contractors Discount.

11. Payment Terms are 50% mobilisation to be paid seven days prior to commencing works and the balance to be paid in full within 14 days of completion.
12. Our estimate is based upon our SSSTS qualified supervisor being a working foreman, whilst we will always use our best endeavours to meet any on site requirements, if our rig is stopped from working whilst our supervisor attends unplanned site meetings then this period of stoppage will be charged at the rates quoted in our Bill of Quantities. If a non working SSSTS qualified foreman is required then this will be charged at a rate of £795.00/day".
13. Our estimate allows for a maximum of two visits to site by our Site Supervisor, if more visits are required at the request of the client/builder then we reserve the right to charge for additional visits to cover our direct costs.
14. In the event of our sub-contract works not proceeding or late cancellation of the works (less than ten days), we will require to be reimbursed all reasonable costs which have been incurred or are likely to be incurred, including those of our sub-contractors and suppliers and our loss of overheads and profit.
15. This estimate has been priced on the assumption that we will have unrestricted access to the site, however if things change then we reserve the right to charge for any additional plant/equipment that is required to enable us to complete the works safely.
16. We require attendances to be provided in accordance with the "FPS Schedules of Attendances" (as amended by Roger Bullivant Limited) a copy of which is attached. In particular we require a statement prior to our commencement at site that the working platform does not contain any asbestos or other materials which will be detrimental to health.
17. Where actions (loading data) and site soils information are both provided in compliant format Roger Bullivant Limited are able to design piles in accordance with Eurocode EC7. Where actions (loading data) or site soils information is not provided in compliant format designs will not comply with Eurocode EC7.
18. In the event our works are delayed due to shortages either in labour or materials caused by or in connection with the current COVID-19 epidemic that we shall be afforded an extension of time without penalty to us to carry out and complete the works.
19. In the event that we are capable of completing our works but are prevented from doing so by the effects of COVID-19 shutting down the site then we shall be entitled to an extension of time and to recover our costs at the standing rate quoted in our estimate.

## **APPENDICES (Sheet 2 of 2)**

### **C. SPECIFICATION**

#### **C.1 Method of Construction - Bottom Driven Cased Piles**

Tubular closed ended steel sections are driven into the ground by either bottom driving with internal vibratory air hammers or cylindrical drop hammers.

Casing diameter range from 63mm to 300mm, section lengths between 1000mm and 2000mm.

Subsequent pile sections are welded into place.

Upon attainment of design length or set the pile is concreted and reinforced in accordance with the design specification.

The Employer shall indemnify Roger Bullivant Ltd against the cost of any claim or liability for pollution or contamination howsoever caused arising out of our design or construction of the works.

#### **C.2 Specification**

No. of Piles 32

Size of Piles 220mm diameter

Maximum working load 200kN (as requested)

Piling platform level (PPL)

Design Factor of Safety 3.0

Pile Reinforcement – 1No. H16 full depth

**N.B. Pile numbers subject to confirmation following receipt of construction drawings.**

#### **C.3 Testing**

No allowance has been made for any testing.

##### **Dynamic Load Testing**

As well as traditional methods of testing, we offer dynamic testing of piles using the Pile Driving Analyser operated by our own personnel who are experienced in pile design. This widely used and accepted technique offers an economical and rapid method of pile testing to satisfy any statutory or specified requirements.

##### **Test Results**

Any works undertaken prior to the test results being issued by the Company, shall be at the Main Contractors risk.

**APPENDICES (Sheet 3 of 3)**

**SCHEDULE OF ATTENDANCES**

The following attendances in addition to the standard FPS Schedule of Attendances shall be provided and maintained at all times (including additional working hours if necessary) for the duration and in relation to our works, free of charge to us in a manner so as not to disrupt or restrict the regular progress of our works.

- a) A safe, stoned, level platform for our rigs and operatives.
- b) Use of a skip to dispose of inert and general waste.
- c) A water supply to the point of work.
- d) Setting out of pile positions.
- e) Setting out of the grid lines and level profiles prior to our arrival on site.
- f) Removal of pile spoil, including surplus concrete or grout spillage.
- g) Breaking down of pile heads to piling-mat level.
- h) A firm, dry, clear, level working area and access to be maintained at all times.
- i) Adequate storage space for our equipment and materials.
- j) Use of existing driveway to store our equipment and materials.
- k) Access to the property/site to be agreed.
- l) Adequate and suitable ventilation to the works/storage areas.
- m) **Welfare facilities as required by the Construction (Health and Welfare) Regulations, including toilet facilities.**
- n) Protection to existing roads, drives, footpaths and landscape areas etc. is the responsibility of the Employer or Main Contractor.
- o) Protection to floors, walls and ceilings is the responsibility of the Employer or the Main Contractor.
- p) Please note before any works can commence on site we will require copies of all the service drawings for the project.
- q) **Permit to Dig: No site works shall be undertaken by the Company or its Sub-Contractors without a satisfactory completed and signed Permit to Dig, from the Main Contractor or Employer, which addresses the presence of underground services or hazards within the site.**

TO:

**ROGER BULLIVANT LIMITED**  
First Floor Unit 20 Mardon Park  
Central Avenue  
Baglan Energy Park  
Port Talbot  
SA12 7AX

**ACCEPTANCE OF ESTIMATE**

I/We .....hereby  
accept your Estimate ref ..... dated ..... for work as  
specified in that Estimate to be carried out at .....

.....  
on your terms and conditions of contract as set out on the reverse of your estimate.

I/We confirm that the site and the attendance facilities you require will be ready so  
that your work can start on .....

My/Our deposit/payment of 50% of the contract sum inclusive of vat (if applicable)  
is enclosed £.....and will be paid on/or before the .....

**Please Note: We accept payment by cheque and by direct transfer in to our bank  
account. (Details attached).**

Correspondence address .....  
.....

Contact Tel No's .....

Signed .....

Dated .....

Print Name .....

Company Name .....  
(If applicable)