



Total Piling Ltd
Unit 2, Graveyard Lane,
Bickerstaffe,
Ormskirk
L39 9EG

Piling & Precast Groundbeams Estimate

19th December 2024

Project No.

MIDI/24/066

Project Name.

Dinting Vale, Glossop, Derbyshire

F.A.O: Michael Johnson

Further to receipt of your recent enquiry, we are pleased to provide you with our priced estimate for the precast concrete piling and precast ground beams for the above site.

Please review the price breakdown attached to understand what has been included within our works. Priced estimate is subject to our engineer's final designs.

Piles have been priced to depths of up to 6m based on the information in the SI report. Please note, the boreholes didn't go any deeper than 6m so it is likely they will go deeper than this. If they do the EO rate in the priced estimate will apply.

Programme: works estimated to take approx. 4-5 weeks for piling based on estimated depth and 11 weeks for ground beams.

Kind regards,

Lisa Henry

Lisa Henry B.Eng GMICE

Pre-Construction Manager - Total Piling Limited

Price Estimate.



Plot	Type	Piles			Beams (inc heave to some)			Total Cost
		Quant	Rate	Cost	Quant	Rate	Cost	
Design	Housetype							inc
Design	Garage							inc
Setting out	Per visit							inc
Mobilisation		1	£3,000	£3,000	1	£2,000	£2,000	£5,000
Testing								inc
CIS Pile Caps	Twin Cap							inc
1	WILLOW	18	£174	£3,132	65	£175	£11,375	£14,507
2	WITCHAZEL	16	£174	£2,784	50	£175	£8,750	£11,534
2G	DG	7	£174	£1,218	31	£175	£5,425	£6,643
3-4	SATINASH	16	£174	£2,784	50	£175	£8,750	£11,534
5-6	JUNIPER	18	£174	£3,132	65	£175	£11,375	£14,507
7-8	LAU/ACA	16	£174	£2,784	50	£175	£8,750	£11,534
21-22	SATINASH	16	£174	£2,784	50	£175	£8,750	£11,534
23	PEPPERCORN	14	£174	£2,436	42	£175	£7,350	£9,786
24-25	LAU/ACA	16	£174	£2,784	50	£175	£8,750	£11,534
26	WITCHAZEL	16	£174	£2,784	50	£175	£8,750	£11,534
27G	DG	7	£174	£1,218	31	£175	£5,425	£6,643
36-37	LAU/ACA	16	£174	£2,784	50	£175	£8,750	£11,534
38-41	LAUREL	16	£174	£2,784	48	£175	£8,400	£11,184
42-43	JUNIPER	18	£174	£3,132	65	£175	£11,375	£14,507
44-45	LAUREL	16	£174	£2,784	48	£175	£8,400	£11,184
52-53	SATINASH	16	£174	£2,784	50	£175	£8,750	£11,534
54-55	SATINASH	16	£174	£2,784	50	£175	£8,750	£11,534
66	PEPPERCORN	14	£174	£2,436	42	£175	£7,350	£9,786
67	PEPPERCORN	14	£174	£2,436	42	£175	£7,350	£9,786
68G	SG	4	£174	£696	19	£175	£3,325	£4,021
68	WITCHAZEL	16	£174	£2,784	50	£175	£8,750	£11,534
69-70	LAU/ACA	16	£174	£2,784	50	£175	£8,750	£11,534
71	WITCHAZEL	16	£174	£2,784	50	£175	£8,750	£11,534
83-86	SATINASH	28	£174	£4,872	92	£175	£16,100	£20,972
		366		£66,684	1190		£210,250	£276,934

Notes/contingencies

If piles need to be driven in excess of the 6m estimated above to achieve their Safe Working Load, they will be chargeable at the EO rate(s) of £30/m supplied. Any part load charges are charged at £245 per load.

Excavation works are not included in the price.

We have not allowed for any drainage removal or repairs.

Any services or drainage in the vicinity of piling must be identified and re-routed before piling commences.

The above is subject to a site visit prior to agreeing a contract of works.

The above estimate price is subject to our Term's & Conditions and our insurance details that are attached.

We have assumed that any shear load on the piles, if any will be taken out into the ground as passive resistance.

Heave protection to provide 100mm void to underside of ground beam reflected in beam rate above.

Schedule of Attendances.



Prior to commencement of the subcontract works on site, Total Piling Ltd require the following, free of charge attendances to be provided by the main contractor, in a regular, in a regular and diligent manner to ensure there are no restrictions or delay to the sub-contract works.

1. GENERAL WELFARE - Statutory Health, Safety and general welfare facilities to be provided by the Main Contractor

2. WORKING PLATFORM - The Main Contractor/Builder must provide a dry, safe, firm level piling platform or stable trenches for the Sub-Contractors plant and equipment. Our midi top driven piling rigs are compact and lightweight with outriggers that require much less of a piling mat than traditional rigs. However, we do still require a safe, dry, working platform. The accepted design method uses BRE 470, but we've found that this produces an overly conservative piling mat design with associated material costs. Generally, 200mm of course, clean hardcore (6f5) is sufficient but if the sub-surface is saturated then geotextile will be needed. Plate bearing tests and CBR's do not give the assurance required as they only test the top few centimetres. We recommend testing the piling mat with a fully laden Telehandler/Forklift or Dumper. If it does not sink or rut, then it will be good enough for our rigs to operate on. Also, a good piling mat serves well for follow on trades, i.e. Groundbeams, Scaffold etc. We ask for the piling mat to be set at 100mm lower than underside of ground beam level.

3. SETTING OUT - The Main Contractor/Builder shall provide and maintain setting out of the pile positions and centre lines of the ground beams unless Total Piling have allowed for this within the estimate. The setting out must be completed prior to mobilisation of the piling rig and equipment to site. Total Piling Ltd rely on works carried out by others to be accurate and make no allowance for carrying out checks prior to commencement of works.

4. ACCESS - safe, dry ingress and egress of the site, including any traffic control will be the responsibility of the Main Contractor. Adequate protection of roadways, curbs, manholes, pavements, landscaping and/or any third person property will be the responsibility of the Main Contractor.

5. STORAGE AREA - The Main Contractor/Builder must provide a safe and dry area adjacent to the working area for Total Piling Ltd's plant and equipment (including site van's).

6. TESTING - dynamic load testing has been included in the price to allow for a minimum of 3 or 3% of the total number of piles (whichever is greater).

7. SECURITY - To protect the specialist piling plant and equipment, the general public and any third party property, adequate provision of site security, hoardings, fences, noise and splash barriers must be provided by the Main Contractor.

Total Piling Ltd - Term's & Conditions.



1. DEFINITION

- 1.1. Contract Price – the sum (fixed for three months) due for carrying out our works including any extra for variations.
- 1.2. Employer – the contractor or organization we are in contract with.
- 1.3. Re-measurement – the quantities supplied (not driven) will be charged to the Employer.
- 1.4. Lump Sum – the price based on the information provided including extra length and a reasonable number of additional piles due to obstructions. Lump sum is not all risks.
- 1.5. Specification – the specification is the ICE Specification for Piling as amended by our job specific specification.
- 1.6. Variations – any additional work whether ordered or made necessary due to unforeseen conditions.

2. SAFETY

- 2.1. We will carry out our work in accordance with our Method Statement and our Health and Safety Policy.
- 2.2. The Employer shall survey the site, identify and protect any underground or overhead services and guarantees that any information given is accurate.
- 2.3. The Employer must provide welfare and a safe level surface at the agreed level.
- 2.4. We shall not be responsible for any loss or damage to any services or buried structures.

3. LIMITATION OF LIABILITY

- 3.1. Our maximum total liability whether in contract, tort, for breach of statutory duty or otherwise for any damage or loss whatsoever; including all direct, indirect or consequential loss, is limited to the contract price.

4. PROGRAMME

- 4.1. We have allowed for completing our work in one visit in a logical sequence with one rig and one pour every three blocks. This programme shall be extended by the length of any delay caused by any variations or any other cause not within our control.
- 4.2. We cannot guarantee to arrive on a specific day but on a week commencing basis.
- 4.3. The liquidated damages for delay shall be limited to £500 per week or pro-rata for part of a week.

5. WARRANTY AND INSURANCE

- 5.1. We warrant that we shall design the piles to a fos of 2.0, carry out the works in a workmanlike manner and exercise reasonable skill and care in accordance with these terms and conditions. This warranty is in affect from the practical completion of the Works for a period of ten years, providing the Contract Price has been paid in full and on time.
- 5.2. We have not allowed for heave or downdragg.
- 5.3. Any other warranties and insurances are expressly excluded unless agreed in writing. A fee of £200/hr is chargeable to review such warranties.

6. APPROVALS

- 6.1. The Employer is responsible for all approvals, licenses, consents, notices or other documents required by law and will indemnify us against any liability whatsoever for such risks.
- 6.2. Our Daily Records are taken as full and proper records of events on site (regardless of whether signed or not) unless any discrepancies are recorded and sent to out head office as soon as practicable.

7. INDEMNITIES

- 7.1. The Employer shall indemnify us against any claims as a result of the actions of the Employer or his agents including protection of our work.
- 7.2. We will inspect the site and only proceed if we consider our equipment suitable. We will limit the noise and vibration to reasonable levels; but any unforeseen noise, vibration, settlement or other damage suffered by any party remains at the Employer's risk (except negligence).
- 7.3. In lieu of retention, we hereby indemnify the Employer against our liabilities under the Contract for defects until the end of the maintenance period defined in the Contract

8. PAYMENT

- 8.1. Payment of all invoices or applications for payment is due in full within **28 days** from the date of issue by BACS (£250 each charge for cheques).
- 8.2. **Retention and discount shall not be deducted.**
- 8.3. If any invoice/application is not paid by the due date, then we may at any time suspend the works and withhold information. Interest will be charged on late payments at the rate of 1% per month or part month.

Total Piling Ltd - Term's & Conditions.



8.4. Ownership of the materials shall not pass to the Employer until the Employer has paid in full.

8.5. The Employer shall on placing an order provide to us a guarantee or credit references to our satisfaction. Such guarantee must be irrevocable. We reserve the right to refuse to commence the works or stop the works at any time if the Employer fails to provide satisfactory guarantees.

8.6. The contract price is exclusive of VAT.

8.7. In accordance with the 1996 Housing Grants, Construction and Regeneration Act (Construction Act) no set off shall be deducted unless we are given due notice.

9. UNFORESEEN GROUND CONDITIONS

9.1. If any physical conditions or obstructions are encountered which cause delay or additional costs and were not foreseen and not expressly allowed for in our tender, we will notify the Employer as soon as reasonably practicable.

9.2. Any associated additional work will be valued as a variation.

10. DISPUTES

10.1. Late payment does not constitute a dispute and would be pursued in the County Courts.

10.2. Genuine disputes will be referred to Adjudication under the 1996 Housing Grants, Construction and Regeneration Act (Construction Act).

Total Piling Ltd - Term's & Conditions.



Birchall Gregory Limited

Commercial risk and insurance solutions with the highest standard of service and advice

Bank Chambers, St. Petergate, St. Peter's, St. Peter's, St. Peter's, St. Peter's

T 0161 430 6847 E info@birchallgregory.co.uk W www.birchallgregory.co.uk

Date: 23rd May 2023

To Whom it may Concern

Re: Total Piling Ltd

We confirm we act as Insurance Brokers to the above, and that there are the following policies of insurance in force:

Employers Liability

Insurer: Aviva
Policy No: 100652219CSI
Period of Insurance: 18th April 2023 to 17th April 2024
Limit of Indemnity: £10,000,000 any one incident (£5,000,000 any one occurrence in respect of Terrorism/Asbestos/War)

Public and Products Liability – Total £5,000,000 made up as follows:

Public Liability

Insurer: Aviva
Policy No: 100652219CSI
Period of Insurance: 18th April 2023 to 17th April 2024
Limit of Indemnity: £2,000,000 any one incident
Excess: £500 each and every loss increased to £1,000 for heat work

Products Liability

Insurer: Aviva
Policy No: 100652219CSI
Period of Insurance: 18th April 2023 to 17th April 2024
Limit of Indemnity: £2,000,000 any one period of insurance
Excess: £500 each and every loss increased to £1,000 for heat work

Excess Layer Public/ Products Liability

Insurer: JRP Via BGP
Policy No: JRPL177
Period of Insurance: 18th April 2023 to 17th April 2024
Limit of Indemnity: £3,000,000 in excess of the £2,000,000 base layers above



Birchall Gregory Ltd is an Appointed Representative of TEN Insurance Services Ltd which is authorised and regulated by the Financial Conduct Authority.



Mini Piling Grundomat/Rig Specifications.



	TPL01/02 - Top Drive Mid Rig	TPL03 - Top Drive Mid Rig
Maximum Pile Capacity	350kN	300kN
Power	Diesel/Hydraulic free fall	Diesel/Hydraulic free fall
Pile Segments	1.5-7m	1.5-6m
Maximum Pile Rake	01:03	0.04375
Pile Diameter	140-193mm or 200mm square	140-193mm or 200mm square
Hammer Weight	2t	
Hammer Drop	up to 600mm	
Maximum Hammer Energy	11kNm	
Leader Height	11.7m+0.6m (low headroom available)	8.5m (low headroom available)
Travelling Height	3.5m	3.3m
Track Width	0.6m	0.45m
Track Length	3.5m	2.9m
Chassis Width	2.85m	2.4m
Chassis Length	6.3m	5.5m
Minimum clearance from pile centre	0.5m	0.5m
Typical noise level (varies)	85dB at 10m	85dB at 10m
Typical vibration level (varies)	10mm/s	10mm/s
Overall weight	19t	16t

TPL RIG BEARING LOADS

MODE	BRELC	TRACK LENGTH(M)	TRACK WIDTH(M)	UDLkPa
Standing	1	3.2	0.6	51.1
Travelling	1	3.1	0.6	51.1
Handling	2	2.79	0.6	56.8
Penetrating	2	2.48	0.6	63.8
Extracting	2	2.945	0.6	53.8