

**ARBORICULTURAL CONTRACT 2017**

**SCHEDULE TWO**

**BILLS OF QUANTITY AND SCHEDULE OF RATES**

**BILLS OF QUANTITY**

The volume of work shown in the bills of quantity is an estimate of the annual work that will be undertaken. This is based upon historic workloads, and every reasonable effort has been made to ensure as accurate an estimate has been made. The council cannot provide any warranty as to the actual work that will be completed due to the changing needs of the service and the nature of trees themselves.

All rates must be shown in sterling, pounds and pence.

Veteran tree size classifications are shown in Appendix A, to aid pricing size classifications have in some cases been amalgamated to form the categories shown below:

|  |  |
| --- | --- |
| Size classification | Bill of quantity category |
| 0 and 1 | V1 |
| 2 | V2 |
| 3 | V3 |
| 4 and 5 | V4 |
| 6 and above | V5 |

| Schedule | **Operation** | **Size** | **Unit** | | **Quantity** | Rate | Total |
| --- | --- | --- | --- | --- | --- | --- | --- |
| BQ1 | Individual tree survey | All categories | Per tree | | 200 |  |  |
| BQ2 | Tree group survey | All categories | Up to 10 trees | | 100 |  |  |
| BQ3 | Tree group survey | All categories | 10 to 20 trees | | 150 |  |  |
| BQ4 | Woodland survey | All categories | Up to 0.5ha | | 10 |  |  |
| BQ5 | Woodland survey | All categories | 0.5ha to 1ha | | 5 |  |  |
| BQ6 | Level one inspection | All categories | Per tree | | 1000 |  |  |
| BQ7 | Level two inspection | All categories | Per tree | | 100 |  |  |
| BQ8 | Level Three inspection  climbing | Category B and above | Per tree | | 20 |  |  |
| BQ9 | Level Three inspection  Non-climbing | Category B and above | Per tree | | 40 |  |  |
| BQ10 | Tree Group (Trees within the same site being inspected at the same time) Inspection Level One | Category B and above | Per 10 trees | | 80 |  |  |
| BQ11 | Tree Group Inspection Level Two | Category B and above | Per 10 trees | | 20 |  |  |
| BQ 12 | Tree Group Inspection Level Three Non-Climbing | Category B and above | Per 10 trees | | 10 |  |  |
| BQ13 | Woodland inspection | All categories | Up to 0.5ha | | 20 |  |  |
| BQ14 | Woodland inspection | All categories | 0.5ha to 1ha | | 5 |  |  |
| BQ15 | Removal of epicormic/basal growth | Category B and above | Per tree | | 150 |  |  |
| BQ16 | Watering newly planted trees | Category A | per occasion | | 200 |  |  |
| BQ17 | Planting | Category A | Per tree | | 200 |  |  |
| BQ18 | Maintenance and pruning visit | Category A | Per tree | | 200 |  |  |
| BQ19 | Administrative work Liaison, consultation etc. | N/A | Per hour | | 150 |  |  |
| BQ20 | Crown lift | Category B | Per tree | | 40 |  |  |
| BQ21 | Crown clean | Category B | Per tree | | 25 |  |  |
| BQ22 | Crown thin | Category B | Per tree | | 60 |  |  |
| BQ23 | Crown reduction and re-shaping | Category B | Per tree | | 20 |  |  |
| BQ24 | Tree removal | Category B | Per tree | | 140 |  |  |
| BQ25 | Chemical stump killing | Category B | Per tree | | 100 |  |  |
| BQ26 | Stump removal | Category B | Per tree | | 40 |  |  |
| BQ27 | Crown lift | Category C | Per tree | | 30 |  |  |
| BQ28 | Crown clean | Category C | Per tree | | 20 |  |  |
| BQ29 | Crown thin | Category C | Per tree | | 40 |  |  |
| BQ30 | Crown reduction and re-shaping | Category C | Per tree | | 20 |  |  |
| BQ31 | Tree removal | Category C | Per tree | | 100 |  |  |
| BQ32 | Chemical stump killing | Category C | Per tree | | 80 |  |  |
| BQ33 | Stump removal | Category C | Per tree | | 30 |  |  |
| BQ34 | Crown lift | Category D | Per tree | | 20 |  |  |
| BQ35 | Crown clean | Category D | Per tree | | 10 |  |  |
| BQ36 | Crown thin | Category D | Per tree | | 40 |  |  |
| BQ37 | Crown reduction and re-shaping | Category D | Per tree | | 20 |  |  |
| BQ38 | Tree removal | Category D | Per tree | | 100 |  |  |
| BQ39 | Chemical stump killing | Category D | Per tree | | 80 |  |  |
| BQ40 | Stump removal | Category D | Per tree | | 10 |  |  |
| BQ41 | Crown lift | Category E | Per tree | | 10 |  |  |
| BQ42 | Crown clean | Category E | Per tree | | 10 |  |  |
| BQ43 | Crown thin | Category E | Per tree | | 15 |  |  |
| BQ44 | Crown reduction and re-shaping | Category E | Per tree | | 5 |  |  |
| BQ45 | Tree removal | Category E | Per tree | | 30 |  |  |
| BQ46 | Chemical stump killing | Category E | Per tree | | 20 |  |  |
| BQ47 | Stump removal | Category E | Per tree | | 5 |  |  |
| BQ48 | Crown lift | Category F | Per tree | | 5 |  |  |
| BQ49 | Crown clean | Category F | Per tree | | 30 |  |  |
| BQ50 | Crown thin | Category F | Per tree | | 25 |  |  |
| BQ51 | Crown reduction and re-shaping | Category F | Per tree | | 5 |  |  |
| BQ52 | Tree removal | Category F | Per tree | | 20 |  |  |
| BQ53 | Chemical stump killing | Category F | Per tree | | 15 |  |  |
| BQ54 | Stump removal | Category F | Per tree | | 5 |  |  |
| BQ55 | Crown lift | Category V1 | Per tree | | 5 |  |  |
| BQ56 | Crown clean | Category V1 | Per tree | | 20 |  |  |
| BQ57 | Crown thin | Category A | Per tree | | 20 |  |  |
| BQ58 | Crown reduction and re-shaping | Category V1 | Per tree | | 5 |  |  |
| BQ59 | Tree removal | Category V1 | Per tree | | 20 |  |  |
| BQ60 | Chemical stump killing | Category V1 | Per tree | | 15 |  |  |
| BQ61 | Stump removal | Category V1 | Per tree | | 5 |  |  |
| BQ62 | Crown lift | Category V2 | Per tree | | 5 |  |  |
| BQ63 | Crown clean | Category V2 | Per tree | | 20 |  |  |
| BQ64 | Crown thin | Category V2 | Per tree | | 20 |  |  |
| BQ65 | Crown reduction and re-shaping | Category V2 | Per tree | | 5 |  |  |
| BQ66 | Tree removal | Category V2 | Per tree | | 15 |  |  |
| BQ67 | Chemical stump killing | Category V2 | Per tree | | 10 |  |  |
| BQ68 | Stump removal | Category V2 | Per tree | | 5 |  |  |
| BQ69 | Crown lift | Category V3 | Per tree | | 5 |  |  |
| BQ70 | Crown clean | Category V3 | Per tree | | 10 |  |  |
| BQ71 | Crown thin | Category V3 | Per tree | | 5 |  |  |
| BQ72 | Crown reduction and re-shaping | Category V3 | Per tree | | 5 |  |  |
| BQ73 | Tree removal | Category V3 | Per tree | | 10 |  |  |
| BQ74 | Chemical stump killing | Category V3 | Per tree | | 15 |  |  |
| BQ75 | Stump removal | Category V3 | Per tree | | 5 |  |  |
| BQ76 | Crown lift | Category V4 | Per tree | | 5 |  |  |
| BQ77 | Crown clean | Category V4 | Per tree | | 15 |  |  |
| BQ78 | Crown thin | Category V4 | Per tree | | 10 |  |  |
| BQ79 | Crown reduction and re-shaping | Category V4 | Per tree | | 5 |  |  |
| BQ80 | Tree removal | Category V4 | Per tree | | 10 |  |  |
| BQ81 | Chemical stump killing | Category V4 | Per tree | | 8 |  |  |
| BQ82 | Stump removal | Category V4 | Per tree | | 2 |  |  |
| BQ83 | Crown lift | Category V5 | Per tree | | 5 |  |  |
| BQ84 | Crown clean | Category V5 | Per tree | | 5 |  |  |
| BQ85 | Crown thin | Category V5 | Per tree | | 10 |  |  |
| BQ86 | Crown reduction and re-shaping | Category V5 | Per tree | | 10 |  |  |
| BQ87 | Tree removal | Category V5 | Per tree | | 5 |  |  |
| BQ88 | Chemical stump killing | Category V5 | Per tree | | 5 |  |  |
| BQ89 | Stump removal | Category V5 | Per tree | | 1 |  |  |
|  |  |  |  | |  |  |  |
| Grand total all bills of quantity | | | |  | | | |

**SCHEDULES OF RATES**

**LOT ONE**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Schedule No. | Operation | x 1  £ | x 10  £ | | x 20  £ |
| 01 | Undertake individual tree survey |  |  | |  |
|  |  | Up to 10 trees  £ | 10 to 20 trees  £ | 20 to 30 trees | More than 30 trees  price to be agreed with SO prior to work |
| 02 | Undertake tree group survey |  |  | |  |
|  |  | Up to 0.5ha  £ | 0.5ha to 1ha  £ | | Over 1ha price to be agreed with SO prior to work |
| 03 | Undertake woodland survey |  |  | |  |
|  |  | Up to 0.5ha  £ | 0.5ha to 1ha  £ | | Over 1ha price to be agreed with SO prior to work |
| 04 | Undertake level one inspection |  |  | |  |
| 05 | Undertake level Two inspection |  |  | |  |
| 06 | Undertake level Three inspection climbing |  |  | |  |
| 07 | Undertake level Three inspection non-climbing |  |  | |  |
| 08 | Tree Group (Trees within the same site being inspected at the same time) Inspection Level One | Per 10 trees | Per 20 trees | | Per 30 trees |
| 09 | Tree Group Inspection Level Two |  |  | |  |
| 10 | Tree Group Inspection Level Three Non-Climbing |  |  | |  |
| 11 | Undertake woodland inspection |  |  | |  |
|  |  | Up to 0.5ha  £ | 0.5 to 1ha  £ | | Over 1ha price to be agreed with SO prior to work |

**LOT TWO**

Veteran tree size classifications are shown in Appendix A, to aid pricing size classifications have in some cases been amalgamated to form the categories shown below:

|  |  |
| --- | --- |
| Size classification | Schedule of rates category |
| 0 and 1 | V1 |
| 2 | V2 |
| 3 | V3 |
| 4 and 5 | V4 |
| 6 and above | V5 |

**Non technical works are deemed to be those contained within the specifications up to but not including crown lifting (sections 1 through to 5)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Schedule No. | Operation | x 1  £ | x 10 on one site within 100m  £ | x 20  on one site within 100m  £ |
| 01 | Removal of epicormic and/or basal growth (per occasion) |  |  |  |
| 02 | Watering of newly planted trees |  |  |  |
| 03 | Planting |  |  |  |
| 04 | Supply of new tree | If requested specification and price to be agreed with the SO | | |
| 05 | Maintenance and pruning visit |  |  |  |
| Day works | | | | |
| 06 | Day works (Priced on time at site) | Per hour | Per half day (4 hour) | Per day |
| 07 | Day works single operator  Able to undertake non-technical works |  |  |  |
| 08 | Day works 2x operator  Able to undertake non-technical works |  |  |  |
| 09 | Day works 3 x Operator  Able to undertake non-technical works |  |  |  |
| 10 | Increase in Day works for out of hours service  Able to undertake non-technical work | Contractor to show the % increase on normal rates |  |  |
| 11 | Day works single operator  Able to undertake any works specified (Technical) |  |  |  |
| 12 | Day works 2x operator  Able to undertake any works specified (Technical) |  |  |  |
| 13 | Day works 3 x Operator  Able to undertake any works specified (Technical) |  |  |  |
| 14 | Increase in Day works for out of hours service  Able to undertake any works specified (Technical) | Contractor to show the % increase on normal rates |  |  |
| 15 | Administrative work  Liaison, consultation etc. | Per hour | Per half day (4 hours) | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Category A Trees** | | | | |
| The work required for these trees is shown above | | | | |
| **Category B Trees** | | | | |
| Schedule No. | Operation | x 1  £ | x 10  £ | x 20  £ |
| B1 | Crown Lift |  |  |  |
| B2 | Crown clean |  |  |  |
| B3 | Crown thin |  |  |  |
| B4 | Crown reduction and reshaping |  |  |  |
| B5 | Tree removal |  |  |  |
| B6 | Chemical stump treatment |  |  |  |
| B7 | Stump removal |  |  |  |
| **Category C Trees** | | | | |
| Schedule No. | Operation | x 1  £ | x 10  £ | x 20  £ |
| C1 | Crown Lift |  |  |  |
| C2 | Crown clean |  |  |  |
| C3 | Crown thin |  |  |  |
| C4 | Crown reduction and reshaping |  |  |  |
| C5 | Tree removal |  |  |  |
| C6 | Chemical stump treatment |  |  |  |
| C7 | Stump removal |  |  |  |
| **Category D Trees** | | | | |
| Schedule No. | Operation | x 1  £ | x 10  £ | x 20  £ |
| D1 | Crown Lift |  |  |  |
| D2 | Crown clean |  |  |  |
| D3 | Crown thin |  |  |  |
| D4 | Crown reduction and reshaping |  |  |  |
| D5 | Tree removal |  |  |  |
| D6 | Chemical stump treatment |  |  |  |
| D7 | Stump removal |  |  |  |
| **Category E Trees** | | | | |
| Schedule No. | Operation | x 1  £ | x 10  £ | x 20  £ |
| E1 | Crown Lift |  |  |  |
| E2 | Crown clean |  |  |  |
| E3 | Crown thin |  |  |  |
| E4 | Crown reduction and reshaping |  |  |  |
| E5 | Tree removal |  |  |  |
| E6 | Chemical stump treatment |  |  |  |
| E7 | Stump removal |  |  |  |
| **Category F Trees** | | | | |
| F1 | Crown Lift |  |  |  |
| F2 | Crown clean |  |  |  |
| F3 | Crown thin |  |  |  |
| F4 | Crown reduction and reshaping |  |  |  |
| F5 | Tree removal |  |  |  |
| F6 | Chemical stump treatment |  |  |  |
| F7 | Stump removal |  |  |  |
| **Veteran Trees V1** | | | | |
| V1.1 | Crown Lift |  |  |  |
| V1.2 | Crown clean |  |  |  |
| V1.3 | Crown thin |  |  |  |
| V1.4 | Crown reduction and reshaping |  |  |  |
| V1.5 | Tree removal |  |  |  |
| V1.6 | Chemical stump treatment |  |  |  |
| V1.7 | Stump removal |  |  |  |
| **Veteran Trees V2** | | | | |
| V2.1 | Crown Lift |  |  |  |
| V2.2 | Crown clean |  |  |  |
| V2.3 | Crown thin |  |  |  |
| V2.4 | Crown reduction and reshaping |  |  |  |
| V2.5 | Tree removal |  |  |  |
| V2.6 | Chemical stump treatment |  |  |  |
| V2.7 | Stump removal |  |  |  |
| **Veteran Trees V3** | | | | |
| V3.1 | Crown Lift |  |  |  |
| V3.2 | Crown clean |  |  |  |
| V3.3 | Crown thin |  |  |  |
| V3.4 | Crown reduction and reshaping |  |  |  |
| V3.5 | Tree removal |  |  |  |
| V3.6 | Chemical stump treatment |  |  |  |
| V3.7 | Stump removal |  |  |  |
| **Veteran Trees V4** | | | | |
| V4.1 | Crown Lift |  |  |  |
| V4.2 | Crown clean |  |  |  |
| V4.3 | Crown thin |  |  |  |
| V4.4 | Crown reduction and reshaping |  |  |  |
| V4.5 | Tree removal |  |  |  |
| V4.6 | Chemical stump treatment |  |  |  |
| V4.7 | Stump removal |  |  |  |
| V5.1 | Crown Lift |  |  |  |
| V5.2 | Crown clean |  |  |  |
| V5.3 | Crown thin |  |  |  |
| V5.4 | Crown reduction and reshaping |  |  |  |
| V5.5 | Tree removal |  |  |  |
| V5.6 | Chemical stump treatment |  |  |  |
| V5.7 | Stump removal |  |  |  |