

Highway Tree Planting Scheme – Administration, design, planting and aftercare costs – May 2017

Plant feathered/light standard tree min 2m height - 25lt container.

The Contractor will use plans and Cable Avoidance Tools for the safety of operatives and to avoid damage to third party underground utility networks.

The Contractor will supply a container grown tree of species as specified from the Councils approved tree list.

The Contractor will remove the container and either excavate into a pre-constructed footway pit or excavate a 700mm x 700mm pit into a grass verge of sufficient depth to plant to height of root collar.

The contractor will supply and fit 1.5 -2m length of 60mm diameter irrigation tube into the planting pit.

The contractor will supply a single machine rounded, pressure treated, pointed stake measuring 600mm diameter x 1.5-2m length, to be supplied tree secured to stake with Holdfast HB2 (or similar) tree pad and rubber strapping held by galvanised nails also supplied by the contractor.

Composted wood chip mulch is to be supplied by the Contractor and applied as a top dressing to a depth of 100mm for a 50cm radius around the tree base.

A 225x125 Strimmer guard is to be supplied by the Contractor and affixed around each tree.

All surplus soil and packaging and marker tape to be cleared from site. Tree watering label supplied by the Council to be attached to tree with spindle bush supplied by the Contractor.

Materials	Cost
25Lt container tree	£70
Tree stake	£3.90
Tree tie	£2.40
Irrigation tube	£2.75
225x125 Strimmer Guard	£1.20
Mulch	£1.20
Planting cost	£45
Total	£126.45

Planting aftercare watering and maintenance stakes and ties	The contractor will supply 25lt of water into the irrigation tube and remove weeds from base; brush in and top up mulch. The contractor will ensure stake, tie and strimmer guard are correctly aligned, adjust and replace if necessary.										
Planting aftercare formative prune	The contractor will undertake formative pruning to lift lower branches if causing an obstruction on one occasion when the tree reaches extra heavy standard size.										
Arboricultural design	<p>Arboricultural design per 20 trees planting requests yielding 10 planting sited (50% unsuitable)</p> <table border="1"> <tr> <th>Task</th><th>Cost</th></tr> <tr> <td>Inspect site</td><td>£8 x 20</td></tr> <tr> <td>Service Checks</td><td>£16 x20</td></tr> <tr> <td>Produce planting list manage contract</td><td>£20</td></tr> <tr> <td>Total</td><td>£500</td></tr> </table>	Task	Cost	Inspect site	£8 x 20	Service Checks	£16 x20	Produce planting list manage contract	£20	Total	£500
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Administration	<p>The administration of each application would involve the following:</p> <ul style="list-style-type: none"> • Checking utilities information • Processing payment • Liaising with applicant as necessary • Liaising with neighbours as necessary • Coordinating implementation with Arboricultural Designer, Surrey County Council and contractor. <p>On a scheme of 10 trees this could amount to two hours per tree or twenty hours. An administrator might cost £14/hour including on-costs. So a ten tree scheme might cost £280 or £28/tree.</p>										

Planting and aftercare operation	Cost £
Plant tree light standard in 25Lt container	126.45
Planting aftercare watering and maintenance stakes and ties x 4 occasions	40
Aftercare formative prune x 1 occasion	7.50
Sub Total per tree	173.95

Arboricultural design	Cost £
Arboricultural design per 10 trees	500
Sub Total per tree	50

Administration	Cost £
Administration per 10 trees	280
Sub Total per tree	28

Total per light standard tree	251.95
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Assumptions

- Rates are based on 2017 rates but will be subject to an annual inflationary increment or retendered amount after 2017.
- Planting and aftercare rates are for a minimum 10 trees.
- Supplementary watering may be required and residents are encouraged to help with this task.
- Arboricultural design must be in multiples of 20 requests (yielding 10 positive planting sites).
- Rates are for planting in open ground/ grass verge areas not unprepared hard surfaced areas.
- Rates do not include removal of dead planting stock.
- Tree planting requests to include application which confirms residents commitment to watering and neighbours agreement to the planting