

# Natural sustainable water management



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| Gravel Filter Drain - Costed Activity Schedule |  |          |      |             |            |          |
|--|--|----------|------|-------------|------------|----------|
| ref HPSA001/26/6/21/RJ1 / rev4                 |  |          |      |             |            |          |
| Item   | Activity Schedule with indicative costings (based on 40.0m x 10.0m area)   | Quantity | Unit | rate        | Extension  | Comments |
| 1  | Design Fee   | 1        | Item | £ 5,000.00  | 5,000.00   |          |
| 1  | Site welfare - groundhog unit  | 2        | week | £ 300.00    | 600.00     |          |
| 2  | Traffic management - set up closures to lane 2 east and westbound  | 1        | Item | £ 1,000.00  | 1,000.00   |          |
| 3  | Traffic management maintain closures   | 8        | days | £ 250.00    | 2,000.00   |          |
| 4  | Excavate 200mm topsoil & set aside   | 400      | m2   | £ 3.00      | 1,200.00   |          |
| 5  | Excavate profile of swale as detailed to a depth of 1.20 m below carriageway level, load, haul and dispose to tip  | 280      | m3   | £ 50.00     | 14,000.00  |          |
| 6  | Place Heras fencing to working area, then excavate trench to centre of swale 4.2m wide x 2.20m deep in 10 metre sections, battering edges at 45° from 1.2m as ground conditions dictate. Lay geomembrane to sides and base of excavation . Place 100mm of 10mm pipe bedding to base and then backfill with 100mm Type B filter material all as work proceeds arisings to be loaded and hauled to tip Each uncompleted phase to be securely fenced at close of each shift | 1        | Item | £ 33,473.00 | 33,473.00  |          |
| 7  | Supply of Type B filter material   | 449      | m3   | £ 70.00     | 31,430.00  |          |
| 8  | Reinstate remainder with 200mm topsoil   | 196      | m2   | £ 3.00      | 588.00     |          |
|  | Dispose surplus top soil   | 42       | m3   | £ 50.00     | 2,100.00   |          |
| 9  | Remove existing kerbs and kerb race and leave ready for granite setts and dispose arisings   | 80       | m    | £ 23.00     | 1,840.00   |          |
| 10   | Supply 100x100x100 granite kerb setts laid 3 wide as rumble strip on 150mm concrete bed and set, haunch and grout  | 80       | m    | £ 40.00     | 3,200.00   |          |
| 11   | Items 9 & 10 can be carried out in conjunction with other works  |          |      |             | -          |          |
| 12   | On completion clear site and remove traffic management   | 1        | Item | £ 1,000.00  | 1,000.00   |          |
| 13   | <b>TOTAL</b>   |          |      |             | 97,431.00  |          |
| 14   | Anticipated maintenance cost clean at 15 years and 30 years  | 449      | m3   | £ 200.00    | 89,800.00  |          |
|  |  |          |      |             | 187,231.00 |          |