

Natural sustainable water management



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Hydrorock Filter Drain - Costed Activity Schedule		ref HPSA001/26/6/21/RJ1 / rev4				
Activity Schedule with indicative costings (based on 42.0m x 10.0m area)						
Item		Quantity	Unit	rate	Extension	Comments
1	Site welfare - groundhog unit	1	week	£ 300.00	300.00	
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	5	days	£ 250.00	1,250.00	
4	Excavate and set aside 200mm topsoil for reuse	420	m2	£ 3.00	1,260.00	
5	Excavate profile of swale as detailed to a depth of 1.20 m below carriageway level, load, haul and dispose to tip	294	m3	£ 50.00	14,700.00	
6	Place Heras fencing to working area, then excavate trench to centre of swale 42x1.4x1.3 deep in 10 metre sections plus 21.6x1.4x1.0 further depth as detailed. Place 10mm pipe bedding 100mm thick to base and lower bundled Hydrorock blocks into position then backfill with 10mm pipe bedding 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	£ 7,015.00	7,015.00	
7	Supply of Hydrorock D440 (1200x400x1000)	159	No	£ 191.50	30,448.50	
8	On completion of installation cover Hydrorock with geomembrane, geogrid & 200mm of Type B filter material	63	m2	£ 36.00	2,268.00	
	Reinstate remainder with 200mm topsoil	344	m2	£ 3.00	1,032.00	
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	TOTAL				65,313.50	
14	Anticipated maintenance cost clean at 15 years and 30 years	13	m3	£ 200.00	2,600.00	
					67,913.50	