

BOURNE MEADOW POND – COSTINGS

1. Detailed costings for the pond project are attached.
2. There is a potential saving of approximately £17,000 if soil from the pond were re-used at the former Bemonds Allotments site. This assumes that the soil from Bourne Meadow is not contaminated and can be reused thus avoiding the tipping charge of £17,000 and relies on the pond and soil remediation projects running concurrently. There is a report elsewhere on the Council Agenda with proposals for the soil remediation work. The cost of the proposals in that report will not be affected by whether or not the soil from Bourne Meadow is used.
3. AIR have obtained an offer of a grant of £17,500 from SITA to contribute to a scheme for flood alleviation in Chertsey. There is an unknown time limit on this offer.
4. The Environment Agency are prepared to provide funding for equipment and workforce to a maximum value of £17,500. They have since indicated that they will only carry out part of the works, i.e. the excavation of the pond and not the pipework linking it to the river, which means that the actual level of support they can provide is estimated to be £14,000. It is not possible to judge the full extent of the works the Environment Agency will carry out because the Council does not have the rates applicable to the contractor which the Environment Agency will use.
5. The initial phase of the scheme will entail the excavation of the pond. The second phase will involve installing the two pipes linking the pond to the River Bourne and the associated control mechanisms.
6. Ongoing maintenance of the pond and the associated pipe work is expected to cost approximately £1,750 per annum and this will come from existing revenue budgets. The SITA grant comes with a requirement for a third-party contribution of 10.2% (£1,785), and a requirement to contribute 4% of the value of the grant (£700) to AIR to cover their administration costs. These contributions will both come from existing revenue budgets.
7. The work at both the pond site and the Bemonds Allotment site needs to take place before the onset of winter and wet weather. However, as planning permission will be required for the pond, any work on the pond will have to be postponed until the spring.
8. Planning permission will be required for the Bourne Meadow pond project, thus delaying a start date for this scheme if approved. Consultation with local residents and Ward Members will also be needed.
9. Formal consent to proceed with the pond project will be required from the Environment Agency.

BOURNE MEADOW POND ESTIMATED COSTS

Pond Construction - Phase 1

Cost of pond construction	£17,525	
Cost of disposal of soil to landfill	£17,138	
Total cost of works funded by AIR and the EA		<u>£34,663</u>

Additional Works etc. - Phase 2

£21,951	
	<u>£21,951</u>

Total Estimated Scheme Cost of both Phase 1 and 2 **£56,614**

FUNDING

SITA Grant to AIR	£15,715	
Environment Agency work in kind	£17,500	
		<u>£33,215</u>

Runnymede Council contributory third party funding @ 10.2%	£1,785	
Runnymede Council contribution to AIR's administrative cost @ 4%	£700	
		<u>£2,485</u>

Total Contribution to Phase 1 **£35,700**

Additional contribution required from Runnymede Council to fund Phase 2 £56,614 £35,000 **£21,614**

BOURNE MEADOW POND

CONTRIBUTION TO SCHEME BY RUNNYMEDE BOROUGH COUNCIL

Estimated Maximum Contribution

Runnymede Council contributory third party funding @ 10.2%	£0
Runnymede Council contribution to AIR's administrative cost @ 4%	£700
	<hr/>
	£700
Additional contribution required from Runnymede Council to fund Phase 2	£0
Total	<hr/> £700

Estimated Minimum Contribution

Estimated Maximum Contribution	£700
Less saving in disposal costs of spoil to landfill	£0
Total	<hr/> £700

The actual net cost of the pond scheme to Runnymede Council would be between £6,960 and £24,100.

The figure of £6,900 would be dependant on being able to carry out work on Bourne Meadow concurrently with the work at Bemonds allotments. It also assume that all the material will be disposed of in Bemonds and no material goes to land fill. It also assumes that the works are co-ordinated well between the two contractors involved in this operation and there are no delays in either works which could cause delays to the other contract with subsequent increase in cost to that contractor, and thus additional attributable costs to this Council.

If it is not possible to co-ordinate the works then there is no cost saving and the net cost to this Council would be £24,100.

Bourne Meadow - Flood Improvement Works

Item No.	Description	Unit	Quantity	Rate	Total
A279.1	Temporary Fencing Around Excavations	m	200	5.00	1,000.00
E411	Excavate Topsoil	m ³	258	4.78	1,235.03
E424	Excavate Pond	m ³	604	6.53	3,946.90
E542	Double Handling of excavated material	m ³	863	3.10	2,674.68
E532	Disposal of excavated material	m ³	863	18.15	15,659.82
E512	Trimming of Excavated Surfaces	m ²	1100	0.24	264.00
E810	Turfing	m ²	1100	4.40	4,840.00
					29,620.43
A120	Insurance of Works			2%	592.41
A130	Third Party Insurance			2%	592.41
A279.3	Establish Site Compound -Dayworks	Sum			2,000.00
A279.3	Provision of Toilet	Week	5	27.00	135.00
					32,940.24
	Indices			5.23%	1,722.77
					34,663.02
	Cost Estimate of Works				£34,663.02

Grant - SEPA

£17,500.00

Match Fund

£17,163.02

Note: The cost of disposal of material may be absorbed if the excavated material can be stored/used elsewhere on Council's land

Item No.	Description	Unit	Quantity	Rate	Total
A279.1	Temporary Fencing Around Excavations	m	200	5.00	1,000.00
E411	Excavate Topsoil	m ³	258	4.78	1,235.03
E424	Excavate Pond	m ³	604	6.53	3,946.90
E424	Excavate trench	m ³	59	6.53	382.40
E542	Double Handling of excavated material	m ³	921	3.10	2,856.22
E532	Disposal of excavated material	m ³	921	18.15	16,722.68
E512	Trimming of Excavated Surfaces	m ²	1100	0.24	264.00
E810	Turfing	m ²	1100	4.40	4,840.00
I522.2	UPVC Pipe, nominal bore 300mm	m	122	49.61	6,052.42
L433	Granular Bed	m	122	10.29	1,255.38
K749	Break up and reinstate Footpath	m ²	5	13.07	62.74
K769	Strip topsoil from easement and reinstate	m ²	73	3.63	265.72
U924	Small Headwall - Brick for 300mm dia pipe	nr	4	650.00	2,600.00
K111.1	Type D - Brick Manhole with Medium Duty Cover	nr	2	871.20	1,742.40
K993	Extra Over for supply & fixing alternative covers	nr	2	171.82	343.64
	Extra over for provision of grill	nr	2	1,000.00	2,000.00
	Extra over for provision of Gate Valve DN300mm	nr	2	580.00	1,160.00
	Extra Over for Pipe Fittings and Connections	Sum			1,000.00
					47,729.52
A120	Insurance of Works			2%	693.26
A130	Third Party Insurance			2%	693.26
A279.3	Establish Site Compound -Dayworks	Sum			4,000.00
A279.3	Provision of Toilet	Week	6	27.00	162.00
					53,278.04
	Indices			5.23%	2,786.44
					56,064.48
	Cost Estimate of Works				£56,064.48

Grant - A.I.R**£17,500.00****Match Fund****£17,500.00****Extra****£21,064.48**

Note: The cost of disposal of material may be absorbed if the excavated material can be stored/used elsewhere on Council's land