

SUMMARY OF PROPOSALS FOR LDC FUNDING OF UPPER OUSE FLOOD PROTECTION AND WATER RETENTION WORK

Note: These details replace the details shown on pages 83 and 84 of the Council Papers for 25 February 2016. The cost has been reduced from £400,000 to just under £300,000 and the programme spread from two years to three years.

Year 1 (2016/17)

- Finalise work for and instigate delivery of the Anchor Floodplain and Clayhill Pond projects – currently the Anchor project has had £25,000 invested in partnership between OART and the Environment Agency. The cost of delivery of these two programmes, including all management costs in year one would be **£47,250**.
- Develop projects at Sheffield Park and Isfield to assess feasibility, benefits and true costs of each. The Sheffield Park project is in conjunction with the National Trust and £150,000 worth of funding has been secured for this project against a cost of £200,000 for delivery. The cost of developing these two projects, including all management costs in year one would be **£36,000**
- Develop Woody Debris Dam Project for delivery in years 2 and 3 – total cost year one would be **£7,000**
- Deliver three small woodland planting schemes and one kilometre of hedgerow – total cost **£6,500**
- Host three education/awareness events at pre-determined locations agreed with LDC through future discussion (e.g. Ringmer, Wivelsfield, Plumpton). Total Cost of **£3,000**
- Deliver two research based delivery plans for sub-catchments identified as priorities for flood mitigation and river enhancement projects including landowner liaison and “quick win” natural flood management projects for each – total **£8,000**
- Investigate feasibility of comprehensive Natural Flood Management (NFM) model for use in future scheme planning and delivery. This is a highly complex but valuable piece of work for informing project priorities

now and into the future. Should this be feasible then delivery of the model would be in year two – total **£5,000**.

Following this approach, by the end of year one we would have, subject to no unforeseen circumstances, delivered two flood mitigation projects, three landowner engagement/education workshops, developed two further large scale projects and a woody debris dam project for delivery in year two, delivered two sub-catchment surveys and produced opportunity maps and documents for both, delivered three small woodland schemes and 1km of hedgerow and investigated the feasibility and cost of production of a comprehensive catchment model. The total cost of this work in year one would be **£112,750**.

Year Two (2017/18)

- Deliver Sheffield Park and Isfield Projects developed in year one. Total year 2 cost **£54,000** to include all management costs.
- Develop two projects on the Bevern Stream for delivery in year three. This project would be delivered in conjunction with the University of Sussex “Ouse Project”. cost year 2 : **£19,000**.
- Deliver a minimum of one further flood storage pond from site identified through year one development and evidence gathering – total cost including management **£10,000**.
- If feasibility is shown for NFM Model in year one then development and delivery of this model would be undertaken in year two. This would need to be done by external consultants. Total cost - **£25,000**.
- Deliver two workshop/education events in locations to be discussed with LDC in terms of priorities. Total cost **£2,000**.
- Phase one delivery of Woody Debris Dam project developed in year one. Total year 2 cost cost including management **£10,000**.
- Deliver two research based delivery plans for sub-catchments identified as priorities for flood mitigation and river enhancement projects including landowner liaison and “quick win” natural flood management projects for each – total **£8,000**.

- Deliver an additional three small tree planting schemes and 2km of hedgerow – total **£7,500**.

As such in year two we would deliver two further flood mitigation schemes and develop a further two for delivery in year three, delivered a minimum of one further flood storage pond, completed NFM model (subject to feasibility), delivered two further education/awareness events, begun delivery of the Woody Debris Dam project, delivered two further catchment walkovers and opportunity maps and delivered a further three tree planting schemes and 2km of hedgerow. The total cost for year two would be **£136,000 (£111,000** if feasibility study of NFM model proves to be non-viable).

Year 3 (2018/19)

- Deliver two projects on the Bevern Stream developed in year two. Total year three cost including management **£32,500**.
- Deliver phase two of Woody Debris Dam project. Total year 3 cost - **£7,500**.
- Deliver two research based delivery plans for sub-catchments identified as priorities for flood mitigation and river enhancement projects including landowner liaison and “quick win” natural flood management projects for each – total **£8,000**.
- Complete delivery of any project which has, for unforeseen circumstances, not been delivered in accordance with the above programme

Total cost of year three would be **£48,000**.

Total cost of three year programme to include delivery of NFM model - **£296,750**.