

Update on KBCL Works No. 7. - 10/06/22

Bank Erosion

Summary update:

Ref below, We now have three separate company quotations albeit for different proposals. Dave Jackson (The Stick Man) has now quoted, similar specification as JPR Environmental i.e. Stakes and willow spiling back filled with local soil to be assisted by Councillor Cole who will provide required machinery and site set up/security etc.

Summary of Proposals and Quotations:

- 1. JPR Environmental Ltd.** Willow stakes and spiling with backfilling -
Quotation Total £8000.00 plus vat = (£9,600.00 all inclusive of materials, labour and machinery.)
- 2. Salix.** Option 1. Willow spiling with coir reinforced matting - Quotation Total £9,900.00 plus vat
Option 2. Ground rock matting backfilled with soil and planted with willow etc
Quotation Total £10,306.00 plus vat = £12,367.20

Both Options 1 and 2 above do not include back filling material or machinery and operator

- 3. Dave Jackson (The Stick Man - Ross Town Council contractor)** Metal stakes and willow spiling, does not include back filling material or machinery i.e. diggers etc to install which Councillor Cole can provide.

Estimated costs for

Willow spiling, £4568

Steel ground anchors to secure spiling into newly made up bank, £840

Recommended - Faggots/fascines, 2 rows at base of spiling to prevent scouring at base on disturbed bare soil, £1080

Compaction & grading of backfilled soil, £2025

Recommended - turfing to top of new bank to protect from flood scouring, £469

Laying of existing willow at low water level with some additional planting of willow sets, £600

Total estimated costs, £9582 inclusive vat

Mr Jackson has qualified his estimate as follows: I believe the second and lower proposed tier of willow spiling to be unnecessary and have omitted it from these costings.

Note:- I give no guarantee that willow spiling is the appropriate form of bank stabilisation. This preliminary costing is purely put forward as requested by the client based on advice by a third party and should not be taken as evidence of suitability.

Mr. Jackson is however able to offer an alternative proposal which he will discuss at a further meeting on site.

Recommendation :

As we are unable to commence the willow staking and spiling works until early next spring and therefore do not need to rush into making a decision at this stage. I would recommend that we consider Mr. Jackson's alternative proposal and quotation before deciding the best proposal.

Mark Petersen. 10/06/2022

Update on KBCL Works No. 6. - 15/04/22

Bank Erosion

Summary Update:

A total of nine companies have now been approached:

1. Salix, Quotation and alternative proposal as below.
2. Dave Jackson, The Stick Man (Carried out work for Ross Angling Club) Site visit and Quotation pending.
3. Ivel Aquatics, unable to quote
4. Terraqua Surrey, unable to quote
5. Peak Traditional Fencing, unable to quote
6. JPR Environmental Quotation below as previously submitted
7. The Willow Bank, Quotation below although can now only supply Willow material
8. Wye and Usk Foundation, unable to quote.
9. Coates Environmental, Supply materials only

Quotations to Consider by Council:

1. JPR Environmental (E.A. Approved)

Quotation in sum of £8000.00 To supply all necessary labour, machinery and materials to install 2 tiers of spiling at 1m height for each tier along the c.15m of bank. We would import some soil and stone and use an excavator to reprofile the bank by backfilling behind the spiling. The excavator could also be used to drive in the posts. The roots of the spiling should bind the bank together and the backfilling would build the bank out from the fence.

We would coppice the willow at the same time as doing the spiling but the ash would need to be removed by a tree surgeon which is not something that we would do.

The total cost for the works would be **£8,000 plus VAT** and would take a team of our people around 1 week.

2. Salix (E.A. Approved)

Option 1.

As above in the sum of £7,480.00 plus vat. Add willow materials supplied by TheWillowBank:

48m2 spiling material – bundled = 720kg = £450

100 posts = £1400

15m2 Coir Matting = £570

Total price £9,900.00 plus vat

N.B. Machinery and driver not included, to be supplied by Councillor Cole.

Option 2.

Alternative proposal using Ground/Rock matting which can be carried out any time of the year, except when the river is in flood.

This system incorporates a grid laid and shaped into the bank and held in place with anchors. It is then filled with earth and rocks then planted in with willow and a combination of other vegetation to reinforce the bank and produce a natural look again. It is a versatile system and approved by the E.A. although slightly more expensive than willow revetment terracing and spiling.

Total Price £10,306.00 plus vat. NB. Digger and driver, other machinery and fill material/planting not included, to be supplied by Councilor Cole

3. Dave Jackson (The Stick Man) Quotation pending

N.B. All above Willow installation works requires to be carried out between October and March. Salix Option 2 can be installed any time of year.

Update on KBCL Works No. 5. - 11/12/21

Bank Erosion

Three further companies contacted as below.

Meeting held on site with JPR Environmental Ltd on Saturday 4th December with:

Present : John Robinthwaite Director Environmental JPR Ltd
Liz Hilary Director JPR

Simeon Cole WPC
Mark Petersen WPC
Bridget Vine WPC

Following this meeting a recommendation and quotation was received on Friday 10/12/2021 as below:
Email will be forwarded to the Clerk.

Hi Mark

It was good to meet you the other day – thank you for showing us the site.
John and I have discussed your site and come up with the following.

We could install 2 tiers of spiling at 1m height for each tier along the c.15m of bank. We would import some soil and stone and use an excavator to reprofile the bank by backfilling behind the spiling. The excavator could also be used to drive in the posts. The roots of the spiling should bind the bank together and the backfilling would build the bank out from the fence.

We would coppice the willow at the same time as doing the spiling but the ash would need to be removed by a tree surgeon which is not something that we would do.

The total cost for the works would be £8,000 plus VAT and would take a team of our people around 1 week.

If you want to go ahead this winter, we suggest installation before the end of March 2022 – otherwise it could be some time next winter.

I am sure that this is something you would need to discuss with the other parish councillors.

Do let me know if you have any questions.

Regards
Liz

Salix declined due tender due to the small size of the works involved and their existing workload. Willowbank also initially declined although having reconsidered following the proposed specification of works being the same as JPR Ltd. i.e Willow Spilling revetment

Site meeting to be arranged with Willowbank Ltd asap. Action MP.

Update on KBCL Works No. 4 - 15/10/21

Bank Erosion

Further to our meeting on site last month with the Wye Usk Foundation and following receipt of their report, they subsequently informed us that they were unable to carry out their recommended erosion remedial works due to labour shortages and current workload.

Following this I have contacted Rachel Glover from the E.A. again, who has now confirmed that she will work with us on this project and has provided us with three further companies who may be able to provide us with a recommendation and quotation.

I have contacted the three companies by telephone who are :

1. JPR Environmental contact Katrina jprenvironmental.co.uk
2. The Willow Bank Company www.thewillowbank.com
3. Salix info@salixiw.com

All three companies have asked me to write to them with details of our erosion problem together with photographs and location etc.

I have prepared a brief of the works using the Wye Usk Foundation report and photographs as the basis of our requirements and, also asked them to provide any other further recommendations in their quotations, which has been emailed to them.

Awaiting responses.

Update on KBCL Works No. 3 - 10/09/21

(This is a rolling update)

Bank Erosion

Meeting held at KBCL on Thursday 9th September 2021 with key stakeholders, including numerous Councillors, The Clerk and Louis McDonald Ames from the Wye and Usk foundation to discuss the option of natural bank stabilisation by cutting the existing trees along the lower banks and then teasing and "Pleaching" the trunks and branches into position to allow them to grow and stabilise the lower eroded banks. The species being mainly willow. The operations would include the removal of Ash die back to the upper bank.

This process will reinforce and prevent further erosion to the lower bank only, however during winter and in flood conditions the upper bank is likely to continue eroding and spalling, further reducing the width of the bank where the natural footpath passes the railway buttress unless a combination of some sympathetic hard "Revetment" support is provided and which can then also be screened with the cut and "pleached" trees and branches.

Unfortunately the Wye and Usk Foundation are unable to quote for the work due to other workload and under staffing. However Mr McDonald Ames has advised me that a competent Tree Surgeon company would be able to undertake such work using the method statement and close supervision.

I have contacted Rachael Gover of the E.A. to inform her of our meeting and she informed me that she is no longer covering the Herefordshire area, although she will be able to assist with both internal contacts and possible approved contractors who are able to carry out the work. I explained the problem we have also with the erosion of the upper bank and she is receptive to alternative proposals with some hard "Revetment" support work in conjunction with the natural cutting and "pleaching" of trees and branches in order to regain the width of the upper bank. I also mentioned that Ross Angling Club has a bank reinforcing project with Natural Resources Wales and Ross Town Council. Their design, assessment and method statement is complete as is awaiting E.A. approval. I will endeavor to establish the extent and type of work they will be undertaking in comparison to our requirements.

Additional update, Email and Survey report from Louis McDonald Ames dated Thursday 9th September 2021, 13.52.44 , forwarded separately refers.

Railway Buttress

Both English Heritage and Natural England yet to be contacted and meeting to be arranged on site.

End of update No. 3

MP/KBCL 10/09/21

Update on KBCL Works No. 2 - 13/08/21

Bank Erosion

Mark had made contact with both Wye and Usk Foundation, Louis McDonald-Ames and the E.A., Rachael Glover respectively

After quite detailed telecom discussions the proposal is to firstly arrange a meeting at the kbcl site within the next 2 weeks with the Wye & Usk Foundation to both review our proposals and discuss other similar projects and remedial works that the W&UF have designed and received approval from the E.A.

Costs for approval

Wye & Usk Foundation representative is £45.00 per hour plus 45p per mile travelling. It is suggested that a two hour meeting on site reviewing schemes and photographs of other similar approved projects will be time well spent and beneficial when seeking approval from E.A. licensing

E.A. licensing fee c. £1000 dependant upon design and scope of work eg Civil engineering etc.

Next Steps

Mark to arrange initial meeting with all stakeholders within next 2 weeks to discuss and agree above

Once draft proposal is agreed with W&UF, forward proposal to Rachael Glover at E.A. for internal consultation and approval. This may take a few months involving all stake holders, including Natural England, E.A. Fisheries, bats etc.

Seek Council approval for work and estimated costs

Timings

Such work is only permissible between 1st June to 1st October each year to avoid disturbances to fish and wildlife breeding, so we have therefore engaged the respective stakeholders at the right time for construction work to commence next June

Railway Buttress

As the railway buttress is within 8m of the eroding bank edge we may also require E.A. approval for any remedial work. Rachael Glover is to check and confirm, if so both Natural England and English Heritage will require consulting. Awaiting confirmation in order to involve stakeholders and to develop scope of works and method statements etc.

Canoe Launch step repairs

It is proposed remedial works will commence after the summer holidays i.e September and dependant upon disruption may have to be ceased in October as above. Awaiting confirmation from E.A.

Update KBCL 13.08.21 MP/No. 2