

Item 7 Appendix C – RRFAS Project Mandate

VERSION 6 20.01.2022

1 - PROJECT DETAILS	
Project Name:	<p>Programme: Rotherham Renaissance Flood Alleviation Scheme (RRFAS)</p> <p>Project Name: Rotherham Renaissance Flood Alleviation Scheme Phase 2G (RRFAS Phase 2G)</p>
Project Location/ Address, including Post Code and Local Authority Area:	<p>Location: River Don corridor through Parkgate, Rotherham</p> <p>Postcode: S65 3SH (Near Stadium Way, Parkgate, Rotherham)</p> <p>Local Authority: Rotherham Metropolitan Borough Council</p>
Organisation Name, Size & Company Registration Number (if applicable):	<p>Rotherham Metropolitan Borough Council Riverside House Main Street Rotherham S60 1AE</p> <p>Size: Large – approximately 7,500 staff Company Registration Number: N/A – Local Authority</p>
Is your organisation an SME? If so, state size of organisation (Micro, Small or Medium)	No
Contact Name and Role:	<p>Project Lead: Peter Henchley Role: Flood Risk Engineer</p>
Address:	<p>Rotherham Metropolitan Borough Council Riverside House Main Street Rotherham S60 1AE</p>
Email:	Peter.Henchley@rotherham.gov.uk
Telephone:	01709 254485
Other Delivery Partners and Roles:	Stakeholders and funding organisations include, but are not limited to, Sheffield City Region Mayoral Combined Authority, Environment Agency, Network Rail, Canal & River Trust, riverside landowners and businesses in Parkgate.
Estimated total project cost	<p>Total Programme Cost: £24m (to be confirmed through further pre-construction work to be undertaken between 2021 to 2024)</p> <p>Estimated Project Cost: £0.4m (for RRFAS Phase 2G only) Note: This is to be confirmed through Early Contractor Involvement work</p>

2 – PROJECT SUMMARY

2.1 – Tell us about the project

Please provide a summary description of your project and what you intend to achieve. Why are you looking to embark on this project? What do you want to achieve? What is the problem you want to address or what is the opportunity? What is the project about?

RMBC and the Environment Agency have worked in partnership since 2003 to determine the most appropriate solution to reduce flood risk along the River Don Corridor. New flood defences through the Templeborough, Rotherham Town Centre and Parkgate areas was the only viable technical solution for this 5km extent of the River Don.

The Programme of works that supports delivery of the above extents includes the “Rotherham Renaissance Flood Alleviation Scheme (RRFAS)”, which is one of the Council’s Priority Flood Alleviation Scheme (FAS) projects that is included within the Connected by Water Action Plan.

When fully complete, RRFAS will reduce the devastating and relatively frequent impacts of flooding on people, property and infrastructure, and in doing so, secure economic prosperity to Rotherham. Early estimates in present value terms, based on a 100 year appraisal period, are that RRFAS would help avoid £20m of flood damage costs to people, property and infrastructure and £76m loss of Gross Value Added to the local economy.

RRFAS Phase 2G will contribute to delivering the above benefits by reducing risk to the lowest lying parts of the Parkgate area, from both the River Don and from Boundary Dike, which includes:

- Business properties in Parkgate area
- Sections of the A633 (a key east / west route across the borough and to the wider region)
- Access routes to the Rail and Tram Train network near Parkgate station
- Water and sewerage networks
- Critical utility company networks

The RRFAS Phase 2G works are to deliver:

- The construction of a bespoke multi-functional structure that:
 - Forms a new “outfall structure” (with non-return valves), which is a flood defence requirement to prevent the River Don backing up Boundary Dike.
 - Creates a new access into Boundary Dike to enable silt to be removed from the watercourse channel, which is a localised capacity improvement requirement.
 - Enables any water that overtops flood defences to be removed from the Parkgate area in a safe and controlled manner, which is flood defence requirement.
- A new access allows removal of silt from the watercourse where it naturally drops out along this very flat section of channel.

This new structure will reduce the risk of the River Don backing up Boundary Dike and flooding the lowest lying parts of Parkgate (which are around 1m to 1.3m below the required Flood Defence Level for the current climate).

3 – STRATEGIC ALIGNMENT

3.1 – Using the table below, please set out which of the MCA's Core Strategic Outcomes (Stronger, Fairer and Greener), as set out in the Strategic Economic Plan and Renewal Action Plan, your programme/project will contribute to.

Projects that deliver against at least one indicator from all three of Strategic Outcomes (Stronger, Greener, Fairer) are more likely to be prioritised for investment.

Useful links:

For details of the Strategic Economic Plan (SEP)

https://sheffieldcityregion.org.uk/getmedia/f958934e-2218-461d-9642-c011d1979644/SCR_SEP_Full_Draft_Jan_21.pdf

For details of the Renewal Action Plan (RAP)

<https://sheffieldcityregion.org.uk/getmedia/bf2c27b2-a5c7-4ac5-ac64-b4f8798df095/Sheffield-City-Region-Renewal-Action-Plan-Document-Final.pdf>

Strategic Outcomes	Indicator	Desired Outcome / Output	Contribution from this Programme/Project
Stronger – an economic transformation to create not just a bigger economy but a better one: higher-tech, higher skill, and higher-value.	Productivity	Our workforce's productivity will increase, and the economy will grow, increasing the prosperity of our residents.	For the Programme (i.e. all of RRFAS), and over a 100 year appraisal period: <ul style="list-style-type: none"> Avoiding £20m of flood damage costs to people property and infrastructures Avoiding £76m loss of Gross Value Added to the local economy Note 1: The full 3.5km RRFAS extent needs to be completed to deliver these benefits. Note 2: The above GVA values allow for the adjustment from gross to net in terms of GVA impact
	Enterprise	Growing a more successful business base, underpinned by more productive and higher growth businesses	N/A
	Employment	More working-age people are in employment. More and better jobs	N/A
	Education	A higher proportion of working-age population possess higher qualifications, indicating	N/A

raising our quality of life, reducing inequality, and widening opportunity.		progression in education and employment.	
	Wage levels	More employees lifted out of low earnings.	N/A
	Health	Our population live increasingly long, healthy lives. Gap in healthy life expectancy is narrowed	<ul style="list-style-type: none"> • Reduced anxiety of residents and businesses that arise from frequent flooding • Reduced risk of injury through people becoming trapped in cars during flood events • Reduced risk of loss of life during flood events
Greener – a green transformation to decarbonise our economy, improve our environment, and revolutionise our transport.	Air quality	Improvement in air quality, as measured by relevant different particulate matter.	N/A
	Flood mitigation	Reduced flood risk and impact	<p>For the Project, reducing flood risk to:</p> <ul style="list-style-type: none"> • Business properties within the Parkgate area • Sections of the strategic highways network on the A633 • Access routes to the Rail and Tram Train network near Parkgate Tram Train station • Critical utility company networks <p>Note: The full RRFAS extent needs to be completed to further reduce risk to the above transport and utility company networks.</p>
	Net zero	Contribution to net zero carbon target	<p>The Project will reduce the usage of carbon over the design life of RRFAS (i.e. 120 years) by reducing the frequency of:</p> <ul style="list-style-type: none"> • Emergency responders having to prepare for floods and travelling around the borough during flood • Repairing damaged buildings and their contents after floods • Repairing transport networks after floods • Removing silt from watercourses after floods <p>Note: No quantitative assessment of the above has been made yet.</p>

[The outcomes and indicators above are draft only for now.]

4 – SYMCA SUPPORT REQUIRED

4.1 How can the South Yorkshire MCA support the delivery of the project?

MCA funds would be used on capital investment in pre-construction activities for RRFAS Phase 2G. MCA funding will allow the Council to bring forward the delivery of this phase of work in the overall Programme, and therefore start to reduce risk in the Parkgate area sooner.

Support from the MCA will also help secure funding from other organisations.

Funding will also help the Council mitigate risks and impacts associated with increased costs of labour and materials that are currently being experienced on existing construction projects.

4.2 Please provide details of any other funding secured and/or details of other funders you are approaching.

Some funding towards the development of the Programme (i.e. all of RRFAS) has already been secured. This has been achieved via various funding sources, which include (but are not limited to):

- Rotherham MBC Capital Programme
- Town Centre Investment Fund
- European Regional Development Fund (ERDF)
- Yorkshire Regional Flood and Coastal Committee – Local Levy
- Levelling Up Fund
- Network Rail

Funding from the Council's Capital Programme, the Environment Agency's "Other Government Department" Grant in Aid and the ERDF are potential sources to assist with the development and construction of the Project (RRFAS 2G). However, the Council would still be willing to seek other potential funding partners.

4.3 What additionality will MCA investment bring?

Without MCA investment, people, property and infrastructure in the low lying Parkgate area would remain at risk of relatively frequent flooding. MCA funding will help the delivery of a key part of RRFAS sooner and reduce these risks.

Market failure is demonstrated because there are no other organisations, public or private, that would deliver a flood alleviation scheme of the extent / cost of the Programme (RRFAS) in this part of the River Don catchment in the short to medium term.

The Environment Agency is not able to fully fund RRFAS at the present time because the project does not meet the criteria required to secure substantial UK Government Flood and Coastal Risk Management funding, and Partnership Funding calculations have shown that their funding is only expected to contribute approximately £0.5m to RRFAS.

RRFAS contributes towards the aspirations of a number of strategic planning, regeneration and economic growth focussed documents that have already prepared by Sheffield City Region Mayoral Combined Authority, RMBC and the Environment Agency. RRFAS is one of RMBC's 6 Priority Flood Alleviation Scheme projects that are included in the Mayor's £271m ask of the UK Government in 2020/21.

5 - CONSULTATION

5.1 – Who have you consulted with about the project idea?

Please insert South Yorkshire MCA	SYMCA Housing & Infrastructure team
Local Authority	Rotherham Metropolitan Borough Council
Other consultees, for example:	
Local community	Not yet consulted on RRFAS Phase 2G
Relevant businesses	Not yet consulted on RRFAS Phase 2G
Environment Agency	Scheme partner - Yorkshire Region Partnerships and Strategic Overview team
Planning Authority	Not yet consulted on RRFAS Phase 2G
Highway Authority	Scheme partner
<i>Please insert others as appropriate</i>	Scheme partners - Rotherham Investment Development Office (RIDO), Network Rail and Canal & River Trust

6 – TIMESCALES FOR DELIVERY

6.1 – What is the preferred date that the project can commence delivery? If this is currently unknown, please set out your proposed next steps below

The timescales needed to secure construction funding and to make 3rd Party agreements with landowners to construct works on their land and adjacent to their operational assets forms the most significant constraints on the delivery programme. The main landowners for RRFAS Phase 2G are Network Rail, Canal & River Trust and E.V. Waddington Ltd.

Discussions with the above parties have already started, and the indicative delivery dates are:

- Complete Pre-construction works – December 2022
- Complete construction works – December 2023

Further detail of how this will be achieved is set out in Section 6.2.

6.2 – If currently known, please outline the key milestones required to deliver the project and provide forecast dates for achievement.

	Appoint Design Consultant - complete
	Survey/investigation work – September 2022
	Detailed design – December 2022

	Planning permission – February 2023
	Agree construction programme/price – March 2023
	Secure construction funding – April 2023
	Complete construction – December 2023

7 – DEPENDENCIES

7.1 – Is the project linked to or dependent on any other project or activity, especially one the MCA may be involved in?

RRFAS Phase 2G can be built at any time within the overall Programme for RRFAS, subject to the completion of pre-construction design/approvals work and the availability of construction funding.

7.2 – Are there any statutory processes required for you to deliver the project?

Some components of RRFAS Phase 2G can be completed as Permitted Development, for example, desilting works and the temporary access. Planning permission may be needed for permanent structures, and this could be applied for in parallel with works undertaken as Permitted Development.

By reducing flood risk to the Parkgate area, and the infrastructure networks that support it, the RRFAS project supports the Council's regeneration policies, and will improve the river corridor environment.

The forward planning policy aspects of RRFAS have already been agreed between RMBC and the Environment Agency through the Rotherham Regeneration Area Flood Risk Toolkit (RMBC, April 2013).

Please attach any document(s) or provide links to reference material that support any of the information presented above.