

Applicant: **Gilbert, Emily**

Funding Sought: **£19,145.00**

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# **DPLR4\1067**

## **Goblin's Head Restoration - Falkland Islands**

The area known as Goblin's Head (1.5km<sup>2</sup>) is on the North Coast of East Falkland at Little Creek Farm. Much of the mainland coast has suffered from historic overgrazing; this project will plant native plants to redress erosion, reintroduce diversity and encourage wildlife. Goose repellent trials and new hare-proof fencing will deter predators from damaging young plants.

# DPLR4\1067

Goblin's Head Restoration - Falkland Islands

## Section 1 - Project Title & Contact Details

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### Q1. Project Title

Goblin's Head Restoration - Falkland Islands

### Q2. Please select whether you are applying as an organisation or as an individual (Guidance section 3 and Guidance Glossary)

Individual\*

#### CONTACT DETAILS

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Title	Mrs
Name	Emily
Surname	Gilbert
Tel (Mobile)	[REDACTED]
Tel (Mobile)	[REDACTED]
Email (Personal)	[REDACTED]
Address	[REDACTED]

\*If applying as an individual, you must open a separate project bank account used solely for your grant payment, if successful. This will be checked by the fund administrators. The maximum amount individuals can apply for from Darwin Plus Local is £20,000. Individual applicants will also be asked to provide: proof of identity, proof of solvency (e.g. bank statement), and a police check, if successful.

## Section 2 - Overseas Territory(ies)

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Q3. Please state whether the same (or similar) project proposal has previously been submitted to the UK Government for funding, including through Darwin Plus Local, Defra's other Darwin Plus grant schemes or other UK Government funding mechanisms. Failure to do so may result in the application being ineligible.

No

### Q4. Overseas Territory (Guidance section 1.3):

Which UK Overseas Territory(ies) will your project be working in? Please note that in case of a non-permanent resident population you need to demonstrate a clear, meaningful, long-term link to the territory.

Falkland Islands (FI)

\* if you have indicated a territory group with an asterisk, please give detail on which territories you are working on here:

*No Response*

In addition to the UKOT(s) you have indicated, will your project directly benefit any other UK OT(s) or country(ies)?

No

## Section 3 - Project Partners

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### Q5. Project partners (Guidance section 3.2)

In this section, please give details of all the partners involved (including the Lead Organisation) and provide a summary of their roles.

**Project Leader name (Guidance section 3.1):** Emily Gilbert

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**Lead Organisation name (if applying as an organisation; Guidance section 3.1):** *No Response*

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**Lead Organisation Website (if applicable):** *No Response*

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**Is the Lead Organisation based in a UKOT where the project is working (Guidance section 3.1)?**  Yes

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**List other partners involved and where are they based:** Atlantic Harvest (Stacey & Jeremy Poncet) - New House, Falkland Islands

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**Summary of roles and responsibilities of each partner in the project:** Emily Gilbert – project lead, managing and coordinating the project  
Atlantic Harvest – growing native plug plants, treatment with goose repellent, consulting and providing advice on planting density/site selection

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**I confirm that all listed partners are aware of this application and have indicated support:** Checked

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**Attach a Cover Letter for your application (Guidance section 4.2).**

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🔗 [2024 Darwin Local Cover Letter Goblin's Head](#)

📅 23/06/2024

🕒 19:21:01

📄 pdf 623.14 KB

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## Section 4 - Project Summary & Description

### Q6. Project Summary (Guidance section 3.8)

**Please provide a brief summary of your project. This may be used in communication activities and/or published online, if your application is successful.**

The area known as Goblin's Head (1.5km<sup>2</sup>) is on the North Coast of East Falkland at Little Creek Farm. Much of the mainland coast has suffered from historic overgrazing; this project will plant native plants to redress erosion, reintroduce diversity and encourage wildlife. Goose repellent trials and new hare-proof fencing will deter predators from damaging young plants.

### Q7a. Description (Guidance section 2.1 and 6)

**Please provide a description of your project, including:**

- the overall objective
- the current situation and the problem the project is trying to address
- what success will look like and how you will measure it.

**Please be as specific as possible when describing the project, using quantified data and evidence where available. You may wish to consider: what are the specific threats to the environment that the project will attempt to address, and what should we know about these threats? What does your successful project look like? And how will you demonstrate whether and how your project has been successful?**

Goblin's Head was historically tussock which has been destroyed by overgrazing and natural regeneration remains limited in the drying climate, even where stock have been removed. The project aims to plant tussock and other native plant species to restore the habitat. Native Upland Geese and introduced European hares predate young plants and can cause significant damage, as well as limiting the survival success and establishment of plants. The area has also been suffering from diddle-dee dieback in recent years, with a risk that as those woody plants die off, the soil will be exposed and blow away.

Methylantranilate will be used on seedlings as a deterrent (3000 plug plants trialled on Philomore Island where geese showed minimal interest in treated v untreated plants). Atlantic Harvest continue to test the best medium for solubility and dosage and are investigating possible hare repellent options for hares on East Falkland.

These are early stage trials, this pilot utilizing a hare-proof fence to determine what scale that can be achieved – we previously used hare proof mesh enclosures but the scale of these is limited and in a coastal environment they rust very quickly. A 50x50m hare proof mesh proved that excluding hares had a significant impact on plug plant survival, almost all plug plants outside the mesh were pulled out, nibbled or predated. Geese could fly in to the enclosure, and were seen in there on occasions, but as the tillers and plug plants grew it deterred them from landing in the relatively confined space.

Building a hare-proof fence suitable for the coastal environment is stage one, followed by eradication and monitoring for hares before planting in the Autumn.

Plug plants (grown by Atlantic Harvest) will be planted in densities ~1m spacing in blocks of 200 plants (based on advice from Atlantic Harvest as consultant), focusing on the priority area shown on the map (the indent is the

2022 trial that doesn't show on GoogleEarth yet). The exact species distribution will be determined based on local ground/soil d conditions and the suitability of native plant species to create nursery areas in the best available habitat types.

Tussac tillers sources from neighbouring Cape Dolphin will also be planted in groups, predominantly along the coastal fringe.

Success will be measured by:

- 1./ checking the area to determine if hares are present (visual, scat)
- 2./ Counting plants and continuing to monitor numbers in each area measured by photos taken from set points when first planted. Numbers of successful plants will be recorded, initially planted in nursery groups of ~200plants marked with stakes to allow continued monitoring.

## Q7b. Long-term sustainability (Guidance section 2.1 and 6)

**Please describe the long-term benefits of the project and the change it will bring about. How will the outcomes of the project be sustained after the funding is finished?**

The new fence will run from the exposed North Coast to the tidal Little Creek to the South and will exclude hares as well as livestock (the area is ungrazed as part of a long-term commitment to restoring the coastal habitat). Falklands Conservation and other organisations or individuals have been involved with tussac planting schemes for many years, but on East Falkland these efforts have been diminished by the grazing of hares and geese, decimating new plants and preventing establishment.

The project aims to prevent further degradation of peatland and minimise risk of erosion where diddle-dee has died back, Improve water retention

Successful establishment of native species will also create native nursery areas to encourage natural regrowth and provide a seed hub for continued regeneration of the area.

Improved native biodiversity will encourage wildlife, utilising a mixture of species will ideally create an improved mosaic of habitats and attract a variety of different bird species.


We will continue sharing information with farm visitors about the importance of coastal regeneration, as well as the results of the hare exclusion fence with other farmers and organisations (particularly on East Falkland) to inform future habitat


**(Optional) Please upload any additional and supporting materials or files (such as maps of project sites, etc) below. Maximum of 5 sides of A4, and is combined as a single PDF:**

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 [Little Creek satellite](#)

 22/06/2024


 21:36:59


 png 751.34 KB

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 [Goblin's Head](#)

 22/06/2024


 21:36:53


 png 1.45 MB

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 [FI map](#)

 22/06/2024

 21:36:51

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## Section 5 - Project Outcome(s)

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### Q8. Project Outcome(s) (Guidance section 1.2)

**Successful Darwin Plus Local projects must demonstrate measurable outcomes in at least one of the themes of Darwin Plus with a clear focus on biodiversity and the natural environment, either by the end of the project or soon after through a credible plan.**

**Please note: Any proposals including research or monitoring are required to demonstrate a clear link to tangible outcomes for conservation of biodiversity and the natural environment. Please explain how any new research will be applied to drive environmental outcomes on the ground.**

**Please confirm that your project has a clear focus on biodiversity and the natural environment.**

Checked **Biodiversity: improving and conserving biodiversity, and slowing or reversing biodiversity loss and degradation;**

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**Please tick which additional theme(s) of Darwin Plus your project contributes to (if relevant):**

Checked **Climate change: responding to, mitigating and adapting to climate change and its effects on the natural environment and local communities;**

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Checked **Environmental quality: improving the condition and protection of the natural environment**

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Checked **Capability and capacity building: enhancing the capacity within OTs, including through community engagement and awareness, to support the environment in the short- and long-term.**

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**Please justify your selection. Please use quantitative information where possible here.**

The habitat quality and carbon sequestration potential will improve due increased vegetation cover in an eroding/dying area. Excluding hares will benefit the native vegetation, and use of goose deterrent will help support young plants to establish.

Supporting nursery areas of native plants, block of ~200 plants in ideal locations, repeat photography from fixed points to monitor seedlings/plants over time. Future infill planting intended based on results from this. Site survey undertaken before the planting is done to ensure the best ground conditions for each species.

Information sharing: tourists, local Peaty Pals group talk, report available.

## **Section 6 - Workplan**





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### **Q9. Workplan (Guidance section 2.2)**

**Please provide anticipated dates for the start and end of your planned project here. Please use the Darwin Plus Local Project Workplan (available at: <https://darwinplus.org.uk/apply/local-applications/>) to provide a list of the individual activities you have planned for this project, a brief description of what each activity entails, and the months in which the activities will be carried out. If the project involves only one activity (e.g. a purchase), please still provide project start and end dates (noting estimated times for procurement). Please note that your project must start after 1 October 2024 and be completed by 31 March 2025.**

Start date:	End date:	Duration (e.g. 3 months):
01 October 2024	31 March 2025	6 months

Please upload the completed Darwin Plus Local Project Workplan with your proposed project activities here

-  [r4-dplus-local-implementation-timetable-template-final](#)
-  22/06/2024
-  21:50:10
-  docx 31.75 KB

## Section 7 - Costs

### Q10. Costs (Guidance section 2.2 and please read the Finance Guidance)

Please provide a breakdown of costs to be funded through Darwin Plus Local (in GBP).

Are you seeking any matched funding for this project?

No

Budget line	Explanation	Cost in GBP
<b>Staff costs:</b>	Project Manager £[REDACTED] Labour £[REDACTED]	£[REDACTED]
<b>Consultancy costs:</b>	Atlantic Harvest site visit	£[REDACTED]
<b>Overhead costs:</b>	None	£0.00
<b>Travel &amp; subsistence costs:</b>	Fuel and food	£[REDACTED]
<b>Operating costs:</b>	Tractor and operator hire	£[REDACTED]
<b>Capital equipment:</b>	Fence materials	£[REDACTED]
<b>Other Costs</b>	Native plug plants	£[REDACTED]
<b>Total:</b>		19,145.00

This section provides more information on the budget to help evaluators understand how you will use the funds you are requesting. You do not need to list all costs, but please list and detail costs of more than £1,000 per item below, under the appropriate budget line.

**Details of staff costs over £1,000 (if relevant)**

Emily Gilbert, Project Manager, time for 20 days @£█/day to manage the delivery of all project activities, including fencing, planting, writing project applications and reports, procurement and logistics, hosting, monitoring and as part of the labour during the fencing, eradication and planting periods.

£█/day rate is the going rate for planting, and so the same day rate has been applied for labour to build the fence. This proposal incorporates 10 days labour for 3 people (not including the Project Manager), 3 days building the fence, 7 days pulling tillers and planting plugs/tillers £█

**Details of overhead costs over £1,000 (if relevant):**

Planting advice/site survey – Atlantic Harvest, type of ground, planting density, nurture of young plants for best survival, marking out for nursery areas

**Details of travel and subsistence costs over £1,000 (if relevant):**

Fuel – tractor and vehicles to coast and back, again during hare eradication phase and monitoring, estimated £█

Food for workers when building fence/planting x 10 day, £█/pp/day, 4 people = £█

Accommodation provided at little Creek Farm as a benefit in kind.

**Details of operating costs over £1,000 (if relevant):**

*No Response*

**Details of capital equipment costs over £1,000 (if relevant):**

Fence materials:

- 6 x 6" treated posts
- Strain & pinlock insulators & 2 rolls of HT wire (649m roll) for straining wire and electrifying top wire
- A mixture of wooden hexagonal creosote posts for stapling netting too, as well as standard galvanised starposts
- 10' 1/2 mesh gate and hinges etc
- Vinyl mesh fencing and appropriate staples/staple gun
- Vinyl gabions
- Exact material costs may differ by time of purchase, a risk factor has been included to cover this.
- 0.22Ammunition

**Details of consultancy costs over £1,000 (if relevant):**

*No Response*

**Details of other costs over £1,000 (if relevant)**

Native plug plants grown by local business Atlantic Harvest, treated with goose repellent

Bluegrass (Poa alopecurus) @1.05ea x 1000 = £█

Tussac (Poa flabellata) @1.05ea x 1200 = £█

Fuegian Couch (Elymus magellanicus) @1.25ea x 1200 = £█

Cinnamon grass (Anthoxanthum redolens) @1.25ea x 1000 = £█

Boxwood @2.00 ea x 600 = £█

TOTAL : £█

**If your project budget was prepared in another currency and converted to GBP, please provide the exchange rate, its source, and the date it was accessed:**

Other currency:	Exchange rate:	Source of this exchange rate:	Date exchange rate accessed:
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No Response

No Response

No Response

No Response

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**Darwin Plus Local has been created to build capacity and contribute to local economies in-territory.**

What % of the total will be spent  
in the OTs?



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**If less than 80% of the total project spend is to be spent within the OT(s), please explain why.**

No Response

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## Section 8 - Local and National Priorities

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### Q11. Local and national priorities

**Please explain how this project aligns with local and national priorities? You may wish to consider the project in the context of national environmental laws, objectives, strategies, territory specific agreements, action plans or policies.**

The Falkland Islands Environment Strategy 2021-2024 was adopted in 2021 and is the government's flagship policy document. The coastal interface between terrestrial and marine habitats is hugely important, and tussac grass has been recognised for its role as a keystone species providing an entire habitat in a flourishing stand. The top three priority areas as highlighted include "Biodiversity Protection, Habitat Restoration and Invasive Species/Biosecurity", which all align with this. Another priority is "Innovation" and so this pilot project will provide data for other landowners on success rates and to inform future similar planting projects. "To mitigate for degradation and promote restoration of native ecosystems" is a specific strategic objective, and exactly what this project aims to achieve, Performance indicators such as number of tussac seedlings planted each year are one of the metrics by which the Environment Department can track success against their policy. Investigating peatland restoration more widely is being undertaken, as pristine and healthy tussac habitat and tussac peat is known for sequestering carbon and so can offer opportunities for mitigation.

**Will the project take place on Government owned land or water or involve biocontrol, invasive alien species control or eradication?**

No

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## Section 9 - Project Risks

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### Q12. Project Risks

**Please demonstrate your consideration of any risks involved in this project and how you intend to manage them. Please note the importance of health and safety and environmental risk assessment in the design of your project. If there is any possibility that your project may have negative impacts on the environment or human health, it is important that you provide a comprehensive analysis of potential environmental and human health risks, and the prevention measures you will take to ensure the work does not cause harm.**

**Depending on your project, you may wish to consider:**

- Biosecurity risks – particularly for projects involving external equipment.

- Safeguarding risks – particularly for projects involving vulnerable groups such as children, older people or people with disabilities.

Risk	Mitigation
Plug plants dipped in Methyl-anthranilate - No risk to human health, used in massage oils and root beer but smelly	No risk but gloves worn anyway
Health & safety – fencing/machinery use	Tractor operated by experienced farmer, care taken when running high tension wire, appropriate PPE worn
Biosecurity	Atlantic Harvest grow the native plants from seed in a dedicated native hub, they are biosecurity checked, and have minimum distance to travel to site on East Falkland

#### Do you require more fields?

Yes

Risk	Mitigation
Logistic/materials supply chain issues delaying project	Confirm availability of materials and prices before project commences to ensure fence materials are available
Time slippage, including due to weather	Good communication with suppliers of materials and plants for both fence and planting should reduce this risk. Building in buffer windows for activities will also alleviate this
<i>No Response</i>	<i>No Response</i>
<i>No Response</i>	<i>No Response</i>
<i>No Response</i>	<i>No Response</i>

## Section 10 - Terms & Conditions

### Q12. Terms and conditions (Guidance section 3.10)

**By applying for Darwin Plus Local you are adhering in full to the grant Terms and Conditions in full (available at: [Darwin Plus website](#) and as referenced in the Guidance at section 3.10). For information, the Terms and Conditions include requirements for all applicants to (amongst other requirements as per the full Terms and Conditions):**

- Uphold a zero tolerance for inaction approach to tackling sexual exploitation, abuse, and harassment.
- Where appropriate, make all reasonable and adequate efforts to address gender inequality and other power imbalances.

- Notify all cases of fraud and theft (whether proven or suspected) relating to the project to the Grant Administrator as soon as they identified.

**Please indicate you have read, and understood, and will adhere to the Terms and Conditions.**

Checked

**Supporting documents list (please have these ready to attach with application)**

- Cover Letter of no more than two A4 pages. (Guidance section: 4.2 has information on what this cover letter should include).
- If the project takes place on public land or water or is addressing invasive alien species, a Letter of support from OT Government.
- Project Workplan in the template provided for Darwin Plus Local (available at: <https://darwinplus.org.uk/apply/local-applications/>).
- Map and additional information (optional) maximum five additional pages.

**If your application is successful**

If your project application is successful, the Fund Administrator (NIRAS) will ask you to provide some financial evidence for due diligence checks before you receive your project grant. (Please see section 3.3 of the Darwin Plus Local Finance Guidance). Please be ready to provide this evidence promptly.

- **Financial evidence for organisations:** Year-end financial statements, the latest management accounts or audited accounts (if you have these).
- **Financial evidence for individuals:** Proof of identity such as a passport, ID card or driving licence and solvency (such as bank statements) and a police check.

## Section 11 - Certification

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### Certification

**I certify that, to the best of my knowledge and belief, the statements made in this application are true and the information provided is correct.**

Checked

**I have the authority to submit an application on behalf of my organisation.**

Unchecked

**Name:** Emily Gilbert

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**Position in the organisation: (if applicable)** *No Response*

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**Signature (please upload e-signature)**

-  [EGilbert signature](#)
-  23/06/2024
-  19:23:27
-  jpg 6.88 KB

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**Date:** 23 June 2024

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## Section 12 - Submission Checklist

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### Checklist for submission

	Check
I have read the Guidance documents, including the “Darwin Plus Local Guidance” and the “Darwin Plus Local Finance Guidance”.	Checked
If my proposed project takes place on public lands or water or is addressing alien invasive species, I have uploaded a Letter of Support from Government.	Unchecked
I have uploaded a cover letter that details the information requested in the guidance (Guidance section 4.2 has information on what this cover letter should include).	Checked
I have read, and can meet, the current Terms and Conditions for this fund (found at: <a href="https://darwinplus.org.uk/apply/local-applications/">https://darwinplus.org.uk/apply/local-applications/</a> ) for this fund.	Checked
I have provided actual start and end dates for my project that fit this Round.	Checked
I have provided my summary budget based on UK government financial years i.e. 1 April – 31 March and in GBP in the application form.	Checked
I have uploaded my project workplan using the specific template provided (available at: <a href="https://darwinplus.org.uk/apply/local-applications/">https://darwinplus.org.uk/apply/local-applications/</a> ).	Checked
I have uploaded all supplementary documents if I have any.	Checked
(If copying and pasting into Flexi-Grant) I have checked that all my responses have been successfully copied into the online application form.	Checked
The application has been signed by a suitably authorised individual (clear electronic or scanned signatures are acceptable).	Checked
I have checked the Darwin Plus website immediately prior to submission to ensure there are no late updates.	Checked
I have read and understood the Privacy Notice on the Darwin Plus website.	Checked

### We would like to keep in touch!

Please check this box if you would be happy for the lead applicant (Flexi-Grant Account Holder) and project leader (if different) to be added to our mailing list. Through our mailing list we share updates on upcoming and current application rounds under Darwin Plus. We also provide occasional updates on other UK Government activities related to biodiversity conservation and share project news. You are free to unsubscribe at any time.

Checked

### Data protection and use of personal data

Information supplied in the application form, including personal data, will be used by Defra as set out in the **Privacy Notice**, available from the [Forms and Guidance Portal](#).

This **Privacy Notice must be provided to all individuals** whose personal data is supplied in the application form. Some information may be used when publicising Darwin Plus including project details (usually title, lead partner, project leader, location, and total grant value).

Project Title:

## Darwin Plus Local

Provide a **Project Implementation Timetable** that shows the key milestones in project activities. Complete the following table as appropriate to describe the intended workplan for your project. Round 4 is for a **maximum of 6 months** with activities starting from 1 October 2024. All activities must be completed by 31 March 2025.

Please add/remove columns to reflect the length of your project. For each activity (add/remove rows as appropriate) indicate the number of months it will last, and shade only the months in which an activity will be carried out. The workplan can span multiple pages if necessary.

Activity #	Description (max 25 words)	No. of months	UK Financial Year 2024/25					
			Calendar Year 2024			Calendar Year 2025		
			Oct	Nov	Dec	Jan	Feb	Mar
1	Consultant site visit for exact fence route and species-specific planting locations, Erecting hare-proof fence,	1						
2	Hare eradication and checks, Monitoring gabion structural integrity	5						
3	Pulling tussac tillers	1						
4	Planting plug plants and tussac tillers	1						