Developer Proposal: UnMuseum Digital Platform

Black South West Network

Submitted by: Andrea Enning

V-Shaped Technical Architect | SFIA Level 5

Subcontracting under **Gary Thompson**

Cables and Cameras CIC, Bristol

Delivery Model: Remote

28 January 2026

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Executive Summary

I am a first generation graduate and IT professional with deep expertise in web development, cloud infrastructure, and artificial intelligence solutions. I am coming on board as a **subcontractor under Gary Thompson**, Creative and Cultural Consultant at Cables and Cameras CIC, Bristol. Gary introduced me to this opportunity and will serve as my manager on this project.

This project will be delivered **remotely**, with collaboration via Microsoft Teams, Slack, and scheduled video calls.

The V-Shaped Technical Architect

- **The Point**: Hard-coded technical delivery (React/TypeScript, Azure, Python)
- **Left Arm**: Peer-reviewed academic prestige (First Class dissertation on RAG architecture)
- **Right Arm**: Proven ecosystem orchestration (InnovateUK, Microsoft, Diana Award organisations)

Verified Impact: What I Have Secured for Others

Organisation	Value	How I Delivered
FirstGens CIC	£46,000+	Grant intelligence, technical audits, pitch support
FirstGens CIC	£3,000/yr	Circle.so platform audit (TCO savings)
Nyfasi	$5,000	Microsoft Azure AI facility (nonprofit programme)
Diversita	Chatbot MVP	AI-powered neurodiversity recruitment assistant
PRGRSS/GPE	4 prototypes	Lovable.dev rapid development
Irene Vera Foundation	Website	Co-founder, technical lead

Live Prototype Portfolio

All prototypes below are live and can be visited:

Project	URL	Purpose
FirstGens NavigateU	mentor-dynamic-directory.lovable.app	Mentor directory platform
GetAway AI	getaway-ai-voyage-planner.lovable.app	AI travel planning agent
PRGRSS Connect	prgrss-mentor-connect-02.lovable.app	Mentorship matching
QuickShip Estimator	ship-smart-guess.lovable.app	Shipping calculator
PRGRSS iOS App	App Store	Mobile mentorship app

Technical Approach

What is Microsoft Azure?

Microsoft Azure is Microsoft's cloud computing platform. It provides:

- **Web hosting**: Servers to run websites and applications without buying physical hardware
- **Database storage**: Secure places to store your data (heritage archives, user accounts)
- **AI services**: Ready-made artificial intelligence tools for search, voice, and image recognition
- **Security**: Enterprise-grade protection for sensitive community data

Why Azure for BSWN? Microsoft offers **free credits for registered nonprofits** through the Microsoft for Nonprofits programme. I have successfully onboarded other organisations (Nyfasi, FirstGens) onto this programme.

What I Will Procure and Set Up for BSWN

As part of this project, I will **procure, set up, and harden** the following for BSWN at no additional cost:

Service	What It Does	Value
Microsoft 365 Business	Email, Teams, SharePoint, Office apps	£2,500/year
Azure Nonprofit Credits	Cloud hosting, databases, AI	£2,800/year
Azure Active Directory	Secure user login and identity management	Included
Microsoft Teams	Video calls, chat, collaboration	Included
SharePoint Online	Document storage and intranet	Included
OneDrive for Business	Personal cloud storage for staff	Included

Why Can I Do This?

At the University of South Wales (2023-2024), I served as both **Digital Technical Mentor** and **End User Computing Desktop Support**:

- Delivered training sessions on **underutilised Microsoft 365 resources** to students and faculty
- Managed **Azure Active Directory accounts** for 23,000+ users across multiple campuses
- Provided hands-on support for **Microsoft Teams, SharePoint, and OneDrive**
- Created documentation guides for **M365 administration and best practices**

Platform Architecture: Omeka S

I propose building on **Omeka S**, an open-source digital heritage platform actively developed for 10 years (7,078 commits, 33 contributors, v4.2.0 December 2025).

Microsoft Heritage: A Precedent

Microsoft partnered with the **Universal Hip Hop Museum** in the Bronx to create immersive digital experiences preserving hip hop culture. This demonstrates Microsoft's commitment to cultural preservation using Azure cloud services.

ElevenLabs Voice Preservation

BSWN qualifies for the **ElevenLabs Impact Program**: 12 months FREE Pro licence (33 million characters, professional voice cloning) for preserving oral histories.

Data Sovereignty

BSWN owns and controls all community data:
- Azure UK South region (data never leaves the UK)
- Self-hosted database on BSWN's own tenant
- Full administrative handover to BSWN staff

Security: Wazuh Zero Trust

Wazuh is a free, open-source security platform providing intrusion detection, centralised logging, vulnerability scanning, and GDPR compliance monitoring.

Not a Single Point of Failure

- Microsoft engineer review via Partner programme
- Comprehensive documentation for future developers
- Open-source code BSWN can modify or extend
- Full knowledge transfer to BSWN staff
- Gary Thompson as ongoing relationship manager

Commercial Terms

Engagement Structure

I will be engaged as a **subcontractor under Gary Thompson / Cables and Cameras CIC**.

IR35 Status and Tax Implications

What is IR35?

IR35 ("off-payroll working rules") determines whether a contractor should be taxed as an employee or as self-employed. Since April 2017, **public sector and medium/large private sector clients** are responsible for determining a contractor's IR35 status.

Status Determination

BSWN (or Cables and Cameras CIC as the fee-payer) will need to:
1. Use HMRC's **Check Employment Status for Tax (CEST)** tool

2. Produce a **Status Determination Statement (SDS)** with reasons
3. Communicate this determination before the engagement begins

If Determined "Inside IR35"

- The fee-payer deducts **Income Tax and National Insurance** before payment
- I receive payment net of tax (similar to an employee)

If Determined "Outside IR35"

- I invoice through my limited company gross
- I manage my own tax affairs through Self Assessment

My Invoicing and Tax Setup

Mettle Business Banking

Mettle is a free business bank account provided by NatWest:
- Professional invoicing from the app
- Payment tracking and late payment chasing
- Tax pots (automatically set aside percentages for tax)
- FSCS protected up to £85,000

FreeAgent Accounting Software

FreeAgent is HMRC-recognised accounting software that:
- Files Self Assessment tax returns **directly to HMRC**
- Is **Making Tax Digital (MTD) compliant**
- Calculates Corporation Tax, VAT, and personal tax automatically
- Integrates with Mettle bank feeds

What the Government Requires

The UK Government requires self-employed individuals to:
1. Register for Self Assessment with HMRC
2. File annual tax returns by 31 January each year
3. Pay Income Tax and National Insurance on earnings
4. Keep records for at least 5 years
5. Comply with Making Tax Digital (digital record-keeping from April 2026)

My Mettle + FreeAgent setup ensures full compliance with all requirements.

Budget and Pricing Justification

G-Cloud 14 Rate Card Comparison

The **Skills Framework for the Information Age (SFIA)** is the UK Government standard for IT skills and pricing. Below are published G-Cloud 14 rates:

SFIA Level	G-Cloud 14 Range	UK Median	My Rate
Level 4 (Apply)	£600-950/day	£475/day	£450/day
Level 5 (Ensure)	£750-1,200/day	£540/day	£550/day
Level 6 (Initiate)	£950-1,500/day	£625/day	£550/day

Why Heritage GRC Work Commands Higher Rates

This project is not simple web development. It involves:

- **Governance**: Microsoft nonprofit compliance, charity registration requirements
- **Risk Management**: Data sovereignty for sensitive community heritage
- **Compliance**: GDPR, Wazuh security hardening, accessibility (WCAG 2.1 AA)
- **Cultural Sensitivity**: Working with Black and racially minoritised community data
- **Vendor Management**: Microsoft, ElevenLabs, hosting provider negotiations
- **Knowledge Transfer**: Ensuring BSWN is not dependent on a single contractor

G-Cloud rates for **GRC (Governance, Risk, Compliance)** specialists at SFIA Level 5-6 range from **£950-1,500/day**.

Project Costs: £27,500

Work Package	Days	Rate	Cost
WP1: Discovery and Design	**10**	**£450**	**£4,500**
Community research (RLMT L5)	3	£450	£1,350
Wireframes/UX (HCEV L4)	3	£450	£1,350
Lovable prototypes (PROG L4)	2	£450	£900
Microsoft/ElevenLabs setup (SUPP L5)	2	£450	£900
WP2: Core Development	**15**	**£550**	**£8,250**
Platform foundation (ARCH L5)	5	£550	£2,750
Authentication (PROG L4)	4	£550	£2,200

Work Package	Days	Rate	Cost
Content management (PROG L4)	4	£550	£2,200
Wazuh security (SCTY L5)	2	£550	£1,100
WP3: Feature Development	**15**	**£550**	**£8,250**
Archive system (PROG L4)	5	£550	£2,750
AI search (PROG L5)	5	£550	£2,750
Voice integration (SINT L4)	3	£550	£1,650
Community features (PROG L4)	2	£550	£1,100
WP4: Testing and Compliance	**5**	**£550**	**£2,750**
WP5: Launch and Handover	**5**	**£550**	**£2,750**
Contingency (5%)	--	--	**£1,000**
TOTAL	**50 days**	--	**£27,500**

Value Comparison

Pricing Model	50 Days	Difference
G-Cloud Level 5 Minimum (£750/day)	£37,500	--
G-Cloud Level 5 Midpoint (£975/day)	£48,750	--
G-Cloud Level 5 Maximum (£1,200/day)	£60,000	--
My Proposal	**£27,500**	**27-54% below**

Value Included at No Additional Cost

Included Service	Market Value
Microsoft 365 Business tenant setup, hardening, and training	£2,500/year
Microsoft nonprofit onboarding and compliance	£2,000
Azure nonprofit credits application	£2,800/year
ElevenLabs Impact Program application	£500
Wazuh security platform setup	£3,000
12-month post-launch support	£4,000

Included Service	Market Value
Total Included Value	**£14,800**

Delivery Model: Remote

This project will be delivered **entirely remotely** from Nottinghamshire. Communication will be via:

- **Microsoft Teams**: Video calls, screen sharing, document collaboration
- **Slack**: Day-to-day messaging and quick questions
- **Email**: Formal communications and documentation
- **Scheduled calls**: Weekly progress updates with Gary and BSWN team

No travel or accommodation costs are required.

References

Alaya Holloway | CEO, FirstGens UK (Diana Award Winner)

Can confirm: £46,000+ grants secured, £3,000/year Circle.so savings, NavigateU PWA architecture.

Agnes Wamagui | Knowledge Transfer Manager, InnovateUK

Can confirm: BYP/InnovateUK partnership convening, national-level ecosystem orchestration.

Hope | Founder, Irene Vera Foundation

Can confirm: Co-founder technical work, website development, charity operations support.

Gary Thompson | Cables and Cameras CIC, Bristol

Relationship: Introduced me to BSWN; subcontracting partner and project manager.

Laura Roberts | Technocamps, University of South Wales

Can confirm: Field operations reliability, crisis management, workshop delivery.

Qualifications

- **BSc (Hons) ICT** | University of South Wales (2:1, Dissertation: First Class)
- **AWS Cloud Engineering re/Start** | Cardiff and Vale College (2024)
- **DBS Enhanced Check** | Cleared

Closing Statement

The UnMuseum is an extraordinary opportunity to create a living digital space where Black and racially minoritised communities can preserve heritage for future generations.

At **£27,500**, this proposal represents **27-54% savings** compared to G-Cloud framework rates, while including **£14,800 of additional value** at no cost.

Let us build something powerful together.

Andrea Enning | 28 January 2026

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