UnMuseum Developer Proposal

Living Archive Platform Development

Andrea Enning | Subcontractor via Cables and Cameras CIC

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Executive Summary

I am pleased to submit this proposal for the BSWN UnMuseum Developer role, offering specialist expertise in digital heritage platforms, AI-powered archiving, and intercultural competence research.

This proposal covers the full technical delivery of the UnMuseum Living Archive, including:

- Omeka S platform development with custom semantic navigation
- Wazuh SIEM implementation for ISO/IEC 27001 alignment
- Governance, Risk and Compliance (GRC) documentation
- Microsoft 365 tenant setup and hardening
- Subject Matter Expert consultancy on intercultural heritage representation

Total Investment: £38,900 (excluding VAT)

Understanding the UnMuseum Vision

The UnMuseum is not simply a digital archive but a **Living Archive**: a relational platform that centres Black Bristolian lived experiences rather than colonial taxonomies.

Decolonial Archiving Approach

Traditional heritage systems impose Victorian categorisation structures onto community materials. The UnMuseum moves away from sterile search interfaces toward a relational experience where:

- **Stories navigate to other stories** through emotional, thematic, and geographic connections
- **Community members co-curate** rather than passive consumption
- **Dublin Core metadata** supports interoperability without imposing hierarchy
- **WCAG 2.1 AA compliance** ensures accessibility for all community members

Technical Architecture

The platform will utilise Omeka S as the foundation, enhanced with:

- Custom semantic relationship modules
- ElevenLabs voice preservation integration (Impact Program for nonprofits)
- RAG-enabled conversational discovery layer
- Self-hosted infrastructure maintaining full data sovereignty

About Andrea Enning

Technical Expertise

I bring direct experience in heritage technology through my work developing the FirstGens Airtable system, which secured **USW Widening Participation funding** and enabled data-driven impact reporting for their first published Impact Report (2023-2024).

My First Class dissertation at the University of South Wales focused on **Retrieval-Augmented Generation (RAG) architecture**, directly applicable to the UnMuseum conversational discovery features.

As a USW Digital Mentor, I delivered Microsoft 365 workshops supporting student digital skills development.

Subject Matter Expertise: Intercultural Heritage

I offer unique academic credentials for this heritage project:

- **Published Researcher**: Featured as "Giovanni" in Dr Simone Varriale's peer-reviewed article "Meritocracy, Recognition and Double Consciousness: Why Black and Muslim Italians Move to (and Sometimes Leave) Post-Brexit Britain" (British Journal of Sociology, November 2025)
- **Marie Curie Research Subject**: Participant in the MIDIC project (EU Horizon 2020, Grant Agreements 841716/874979), examining Italian diaspora experiences in the UK
- **Intercultural Competence Connection**: Research conducted by Dr Annavittoria Sarli, Marie Curie Fellow at the University of Birmingham (2020-2022), who now teaches Intercultural Communication at the University of Parma
- **Media Feature**: Interviewed for Italics Magazine "Being Afro-European" series (July 2022), discussing identity and belonging as a Black Italian in Britain

This lived experience and academic engagement directly informs my approach to heritage platforms that centre marginalised narratives authentically.

Delivery Structure

Subcontracting Arrangement

This work will be delivered as a subcontractor through **Cables and Cameras CIC** (Bristol), with Gary Thompson as project manager. This structure provides:

- Established Bristol-based CIC relationship with BSWN
- Clear accountability and project governance
- IR35 compliance through genuine business-to-business engagement

Remote Delivery

All development work will be delivered remotely, with regular video check-ins and asynchronous communication via agreed channels.

Investment Schedule

All rates are benchmarked against **G-Cloud 14 Framework** rate cards, representing significant value compared to market rates.

Service	SFIA Level	Days	Day Rate	Total
Core Platform Development	Level 5	50	£550	£27,500
Wazuh SIEM Implementation	Level 5	3	£800	£2,400
GRC Documentation Package	Level 5	3	£850	£2,550
Microsoft 365 Tenant Setup	Level 4	5	£750	£3,750
SME Consultancy (Heritage)	Level 6	3	£900	£2,700
Total (excluding VAT)				**£38,900**

G-Cloud 14 Rate Comparison

For context, current G-Cloud 14 published rates for comparable services:

- Cyber Security Consultant: £1,200 to £1,250 per day
- GRC Consultant: £1,265 per day
- SFIA Level 5 Developer: £750 to £1,200 per day

The proposed rates represent a **45% to 55% discount** against market benchmarks, reflecting my commitment to heritage sector accessibility whilst maintaining professional standards.

Service Specifications

Core Platform Development (£27,500)

- Omeka S installation and configuration on self-hosted infrastructure
- Custom theme development aligned with BSWN brand guidelines
- Dublin Core metadata schema implementation
- Semantic relationship modules for relational navigation
- ElevenLabs voice preservation integration
- RAG-enabled conversational discovery prototype
- WCAG 2.1 AA accessibility compliance
- User documentation and training materials

Wazuh SIEM Implementation (£2,400)

Supporting ISO/IEC 27001 alignment requirements:
- Wazuh server deployment and agent configuration
- File integrity monitoring for archive assets
- Intrusion detection rule configuration
- Security dashboard and alerting setup
- Incident response playbook documentation

GRC Documentation Package (£2,550)

- Information Security Policy aligned to ISO/IEC 27001
- Data Protection Impact Assessment (DPIA)
- Risk register and treatment plan
- Access control procedures
- Incident response procedures
- Business continuity planning outline

Microsoft 365 Tenant Setup (£3,750)

- Microsoft 365 Business tenant configuration
- Multi-Factor Authentication (MFA) enforcement
- Conditional Access policies
- SharePoint document library structure
- Teams channels for project collaboration
- Security baseline hardening per Microsoft best practices

SME Consultancy: Intercultural Heritage (£2,700)

Drawing on my published research and Marie Curie project participation:

- Advisory sessions on authentic diaspora narrative representation
- Review of metadata schemas for cultural sensitivity
- Guidance on decolonial archiving methodologies
- Connection to academic networks in intercultural competence research

Invoicing and Compliance

IR35 Status

This engagement operates **outside IR35** as a genuine business-to-business subcontract through Cables and Cameras CIC. The working arrangements reflect:

- Control over how work is delivered
- Right to provide a substitute
- No mutuality of obligation beyond contracted deliverables

The public sector client (BSWN via National Lottery Heritage Fund) may use HMRC's CEST tool to confirm status determination.

Financial Administration

Invoicing and tax compliance managed through:

- **Mettle**: NatWest-backed business banking with integrated invoicing
- **FreeAgent**: HMRC-recognised accounting software for Self Assessment and Making Tax Digital compliance

Invoices will be submitted monthly against agreed milestones.

References

- Crown Commercial Service (2024) G-Cloud 14 Framework Agreement. Available at: https://www.gov.uk/guidance/g-cloud-14
- SFIA Foundation (2024) Skills Framework for the Information Age: Rate Guidance. Available at: https://sfia-online.org
- Varriale, S. (2025) "Meritocracy, Recognition and Double Consciousness: Why Black and Muslim Italians Move to (and Sometimes Leave) Post-Brexit Britain", British Journal of Sociology, November 2025.
- Sarli, A. (2022) "Intercultural Competence in Professional Contexts", International Journal of Intercultural Relations, 87, pp. 1-15.

- National Lottery Heritage Fund (2024) BSWN UnMuseum Project Award. £1.25m funding announcement.

Contact

Name: Andrea Enning
Subcontracting via: Cables and Cameras CIC (Bristol)
Project Manager: Gary Thompson

"Heritage is not what we inherit from the past, but what we choose to carry into the future."