Basis of Estimate (BOE) – EagleShroud Tech Systems Modernization Project - Time & Materials (T&M) Contract with Base and Option Year

Introduction

This Basis of Estimate (BOE) narrative provides the labor hour estimates, labor category justifications, and Other Direct Costs (ODCs) that support the proposed pricing for the EagleShroud Tech Systems Modernization project under the Time and Materials (T&M) contract structure. This estimate covers both the base year and one option year of performance, as specified in the solicitation.

The proposed labor hours are based on the level-of-effort analysis for each role, aligned with the expected scope and duration of the work. Hourly rates have been applied per labor category, and all direct and indirect costs have been burdened in accordance with the contractor's approved cost structure. This BOE provides sufficient detail to support the realism and reasonableness of the proposed costs, while maintaining traceability to the Pricing Model Worksheet and contract CLIN structure.

Labor Hours and Role Justification

The labor estimate reflects a total of 9,600 hours in both the base and option year, broken down by labor category and mapped directly to the contract CLINs. All labor hours are assumed to be full-time equivalent (FTE) unless otherwise noted. The table below outlines the role, base year hours, option year hours, and justification.

Labor Category	Base Year Hours	Option Year Hours	Justification
DevOps Engineer	3,840	3,840	Two FTEs supporting CLIN 1: responsible for CI/CD pipeline design, infrastructure-as-code deployment, and maintaining DevOps toolchains.
Cloud Infrastructure Engineer	1,920	1,920	One FTE supporting CLIN 2: ensures provisioning, scalability, and maintenance of secure cloud environments.
Security Automation Specialist	1,920	1,920	One FTE supporting CLIN 2: automates security scans, compliance controls, and integrates continuous monitoring.
Agile Scrum Master	1,920	1,920	One FTE under CLIN 3: facilitates Agile ceremonies, removes blockers, and ensures sprint velocity and team alignment.
Technical Writer	960	960	0.5 FTE under CLIN 3: develops technical documents, accreditation packages, and user materials.

Toal Estimated Labor Hours (each year): 9,600 hours.

Other Direct Costs (ODCs) Basis of Estimate

The following ODCs are proposed for each performance yar. These estimates are based on historical pricing, market rates, and project requirements. A 10% fee has been applied to all ODCs in accordance with RFP guidance.

ODC Type	Base Year	Option Year	Basis of Estimate
Travel	$6,000.00	$6,000.00	Four in-person quarterly meetings at $1,500 per trip, including airfare, lodging, and per diem.
Software Licenses	$2,500.00	$2,500.00	Licensing for five team members at $500.00 per user for security and development tools.
Cloud Infrastructure	$8,000.04	$8,000.04	AWS usage estimates based on similar projects (EC2, S3, and associated storage/compute)

Total Estimated ODCs (each year): $16,500.04   Total ODCs with 10% Fee (each year): $18,150.04

Assumptions

- One FTE is defined as 1,920 labor hours annually (160 hours/month x 12)
- All work is to be performed remotely, with the exception of four in-person quarterly meetings.
- No overtime hours are planned or included.
- Work is conducted at the unclassified level; no security clearance premium is applied.
- Contractor provides all tools, cloud services, and licenses under ODCs.
- All indirect rates (Fringe, overhead, G&A) and profit are applied consistently with DCAA-compliant cost structures.
- Proposed hours reflect level-of-effort estimates only; billing will be based on actual hours worked.
- Rounding of financial figures follows audit-acceptable practices and does not materially impact totals.

Summary and Traceability

All labor hours, categories, and rates are fully traceable to the Labor Pricing and CLIN Pricing tabs in the attached Pricing Model Workbook. The ODCs are documented in the ODCs tab and summarized in the Total & Pricing section. This BOE supports cost realism and provides a transparent and auditable foundation for the proposed T&M pricing structure.

Supporting Documentation Includes:

- Pricing Model Workbook (Excel)
- CLIN-Level Pricing Table
- Total Cost Summary
- Assumptions (located in BOE tab)
- RFP Requirements Matrix