



Defence
Infrastructure
Organisation

Defence Estate Optimisation Portfolio

Generated Force Programme

Technical Statement of Requirement (TSOR) for the delivery of technical support for Development of Preferred Option

AA Ranges (Fingringhoe) Enhancement Project

Project Ref. No.: Z9D1163Y16

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INTRODUCTION

1. Purpose

- 1.1. The purpose of this document is to provide the Contractor (also the Technical Service Provider (TSP)) with sufficient technical information applicable to the project to enable them to review and update the Develop Preferred Option (DPO) stage.
- 1.2. The Services to be provided under the terms of this contract are those outlined within the applicable DIO ECAM¹ Scope of Services (Ref: A) in respect of RIBA Stage 3 - Developed Design, however many of the outputs required for completion of this stage have already been delivered by the Contractor under a separate agreement. This contract agrees that the Contractor will deliver additional services that are outwith the scope of the separate agreement.
- 1.3. The Services required to be delivered to review and update the DPO stage are detailed in this document and grouped into discrete Parts, each to be separately instructed by the Employer when required. See Section 24 below for more details.
- 1.4. Information contained within this TSOR and its associated Annexes are considered classified as OFFICIAL. Although this is the lowest level of security classification government departments employ, it requires observance of the 'need to know' principle.
- 1.5. This document includes details about the site, the nature of the works in output terms and any operational requirements and constraints that will apply.

2. Programme summary

- 2.1. The Defence Estate Optimisation (DEO) Portfolio was mobilised to deliver the Footprint Strategy which outlined how a 30% reduction in the MOD built estate could be achieved by 2040 subject to available funding. The Footprint Strategy was approved by the September 2016 Defence Board and announced in part as "A Better Defence Estate" in Parliament in November 2016.
- 2.2. DEO Portfolio has identified an opportunity to enhance the Fingringhoe Range, and in so doing, enabling the disposal of Middlewick Range.

3. Background

- 3.1. The AA Ranges (Fingringhoe) Enhancement Project was initiated in 2016 and comprises the enhancement of the existing small arms range facilities at Fingringhoe to allow for the disposal of nearby Middlewick Ranges.
- 3.2. REDACTED.
- 3.3. REDACTED
- 3.4. REDACTED

4. Objectives

- 4.1. The overall objectives of the Fingringhoe Enhancement Ranges Project are to:
 - 4.1.1. provide two TAS compliant and fit for purpose 12 Lane 600m Electric Target Limited Danger Area Ranges with SARTs (ET (LDA) R SARTs. Including provision

¹ Enhanced Commissioning & Assurance Model procured via the Crown Commercial Services (CCS) RM3741 PMFDTs Framework

of supporting infrastructure. Key User Requirements (KURs) are contained in part 2 of the User Requirements Document (URD) version V1.3 - OS. (Ref: B).

4.1.2. ensure that the Ranges and associated works are designed, constructed, commissioned and maintained to the appropriate standards and Regulations during Design stage (DPO), construction and compliance periods.

4.1.3. Manage the ecological, archaeological and UXO (unexploded Ordnance) requirements on the site.

4.1.4. Operate in a manner in compliance with CDM Regulations and environmental constraints.

4.1.5. Achieve infrastructure (ISD) as per ISD estimate (50% confidence) of 2022.

4.2. REDACTED

PROJECT BRIEF

6. Scope of the Requirement

- 6.1. The scope of work under the Project is outlined in the applicable ECAM Schedule of Services (Ref: A) for RIBA – Stage 3 - Develop Design and requires the Contractor to assist the Employer with sufficient information to allow:
 - 6.1.1. A design to be concluded so it can be taken forward to RIBA Stage 4.
 - 6.1.2. Gateway Review 2a and 3 approval.
 - 6.1.3. Full Business Case (FBC) approval.
- 6.2. The scope of work will consist of distinct packages identified as Parts. The Contractor will not begin work on any Part until explicit instruction is written into the contract via a formal contract amendment, in line with the process outlined at Section 24. The Parts are as follows:
- 6.3. **Part 1.1: Ecological Surveys**
- 6.4. **Parts 1.2 & 1.3: Ecological Works**
- 6.5. **Part 2: Manage/supervise any enabling activities commissioned**
- 6.6. **Part 3: Support to Gateway 2a review**
- 6.7. **Part 4: Planning Consents**
- 6.8. **Part 5: Support to Tender**
- 6.9. **Part 6: Support to FBC review**
- 6.10. **Part 7: Support to Gateway 3a review**

7. Communication

- 7.1. The Contractor will maintain regular communication with the Employer, which shall include attendance at and preparation of supporting materials for:
 - 7.1.1. Attend monthly progress meetings and provide: monthly financial forecasting update, quarterly accruals evidence, updated schedule highlighting deviations and a general update on progress.

8. Constraints

REDACTED

9. Standards

REDACTED

10. Location

- 10.1. Fingringhoe is located south of Colchester, Essex, the postcode is CO5 7LX.
- 10.2. Access to site is to be agreed with REDACTED, Fingringhoe Range Officer. Unescorted access will only be granted to those personnel who hold a minimum of BPSS Clearance; all other personnel must be escorted by a member of staff employed who holds a minimum of SC Clearance. All clearances will be confirmed by the DIO SIM. In the event that staff are unavailable a contractor who holds a WWW Contractors Pass may carry out escort duties with prior approval. All WWW Contract Pass holders intending to carry out

escort duties must be briefed on their responsibilities by Unit security personnel prior to commencing those duties.

11. Working with other contractors

11.1. The site is MOD owned and is within the Fingringhoe Range Complex Area administered by DIO SD Training in conjunction with Landmarc Services.

12. Project interfaces

12.1. The main Employer interfaces applicable to this project are:

- 12.1.1. DIO Project Manager
- 12.1.2. DIO Commercial Officer
- 12.1.3. DIO Requirements Manager
- 12.1.4. DIO SD Training Representative
- 12.1.5. DIO Senior Ecologist
- 12.1.6. Landmarc Services
- 12.1.7. Technical Advisory Section (TAS)
- 12.1.8. Defence Fire Safety Regulator
- 12.1.9. Severn Trent Services (the Aquatrine Service Provider).

12.2. The Contractor is required to liaise with any other projects/initiatives occurring on site during the proposed construction phase and consider any effect that these may have on the project with respect to access to the site, availability of utility services and any H&S issues.

12.3. The main Employer points of contact are:

Post	Name
DIO Project Manager	REDACTED
DIO Requirements Manager	REDACTED
DIO GF London Programme Manager	REDACTED
DIO Commercial Officer	REDACTED
DIO Commercial Lead	REDACTED
DIO Town Planner	REDACTED
DIO SD Training Rep	REDACTED
DIO SD Training CO	REDACTED
Landmarc Services	REDACTED
Regional Fire Safety Manager	REDACTED
DIO Ecologist	REDACTED
DIO Archaeologist	REDACTED
Range Officer	REDACTED
Sustainability	REDACTED
DIO QS	REDACTED
Severn Trent Services Rep.	REDACTED
DIO SME Aquatrine (Package C) RAF Wyton	REDACTED
Technical Advisory Section (TAS)	REDACTED

Post	Name
SO2 G7 LTAR	REDACTED
SARTs targetry	REDACTED

REQUIREMENTS

13. Physical Security

- 13.1. The project shall comply with the physical security requirements as defined within the URD and/or the associated Statement of Security Requirement and as defined within JSP 440 and the Catalogue of Security Equipment.

14. Security

- 14.1. Security shall be defined within the BEP, in line with PAS1192-5:2015 the project team should consult DIO regarding the security requirements of the project and then respond appropriately. All documents should be marked with the appropriate baseline security. Particular attention must be given to ensuring any Common Data Environments (CDEs) used meet the security requirements in terms of both cyber security and access controls/protocols for users as defined within the Security Management Plan. An appropriate procedure must be established to ensure information transmitted outside of CDEs is done so as per the relevant security requirements.

15. Intellectual Property Rights (IPR) & Liability

- 15.1. REDACTED

16. Surveys

- 16.1. REDACTED

17. Performance monitoring, data gathering and reporting

- 17.1. REDACTED

- 17.2. Weekly update reports will be required by email to the Project Manager.

OUTPUTS, DELIVERABLES AND MILESTONES

18. Outputs

19. As detailed in Section 6, this scope of work will consist of distinct packages identified as Parts. These Parts are priced as follows:

Outputs / Payment Milestones	Form of Pricing (Firm or Schedule of Rates)	Target Delivery Date	Comments
Part 1.1 – UXO/Ecology Surveys	REDACTED	REDACTED	REDACTED
Part 1.2 – GCN Relocation excluding Destructive Search	REDACTED	REDACTED	REDACTED
Part 1.3 – GCN Relocation - Destructive Search	REDACTED	REDACTED	REDACTED
Part 2 – Manage/supervise any enabling activities commissioned	REDACTED	REDACTED	REDACTED
Part 3 – Support Gateway 2a	REDACTED	REDACTED	REDACTED
Part 4 – Planning Consents	REDACTED	REDACTED	REDACTED
Part 5 – Support tender	REDACTED	REDACTED	REDACTED
Part 6 – Support FBC	REDACTED	REDACTED	REDACTED
Part 7 – Support Gateway 3	REDACTED	REDACTED	REDACTED

20. Deliverables

20.1. Key deliverables for this stage of the project are but not limited to:

- 20.2. **Part 1.1: Ecological Surveys**
- 20.3. **Part 1.2: Relocation of Great Crested Newts excluding Destructive Search**
- 20.4. **Part 1.3: Relocation of Great Crested Newts – Destructive Search**
- 20.5. **Part 2: Manage/supervise any enabling activities commissioned**
- 20.6. **Part 3: Support to Gateway 2a review**
- 20.7. **Part 4: Planning Consents**
- 20.8. **Part 5: Support to Tender**
- 20.9. **Part 6: Support to FBC review**
- 20.10. **Part 7: Support to Gateway 3 review**

21. Communication

21.1. Governance

- 21.1.1. Attend progress and project meetings as required Submit monthly financial forecasts by the 18th of each month
- 21.1.2. Submit accruals evidence on a quarterly basis commencing 18th March 2021.

21.2. Tender

- 21.2.1. Work with the DEO to revise and update the existing Works Information/Site Information (WISI) documentation, where necessitated by developments stemming

from surveys completed under this contract (including all associated Annex and Appendices).

21.2.2. Provide technical support to DEO during tender evaluation phase.

21.2.3. Update risk register following DIO template and including 3 point estimates.

21.2.4. Update construction schedule to support FBC submission

21.3. Cost estimates:

21.3.1. Provide costing support as required

21.4. Gateway Reviews

21.4.1. Provide evidence and information to support Project Assurance Group meetings and Gateway Reviews 2A and 3.

22. Project Milestones

22.1. The key milestones associated with the procurement of the AA Ranges Construction-Phase Project are as follows:

Project Milestones	Target Date
Ecological surveys start	REDACTED
GWR 2a PLQs and evidence submitted	REDACTED
GWR 2a SMEs review period ends	REDACTED
ITT finalised	REDACTED
ITT issued	REDACTED
ITT returns	REDACTED
GWR 3 PLQs and evidence submitted	REDACTED
GWR 3 SMEs review period ends	REDACTED
FBC submitted	REDACTED

23. Intellectual Property

23.1. Information contained within this TSOR and its associated Annexes or Enclosures are considered classified as OFFICIAL. Although this is the lowest level of security classification government departments employ, it requires observance of the 'need to know' principle.

24. Budget, Instructions to Proceed, Contract Pricing & Payment Milestones

REDACTED.

25. Contract Governance & Performance Management

REDACTED.

26. End of contract/Exit strategy

26.1. Contract will be deemed complete on completion of all deliverables and approval of the FBC.

27. Guidance

27.1. The following DIO/MOD documents are relevant and shall be adhered to:

REDACTED.

28. Annexes

Annex A: PORTFOLIO, PROGRAMME AND PROJECT GOVERNANCE

Annex B: PLQs

Annex C: Instructed Parts

29. References

Reference A: ECAM Scope of Services

Reference B: User Requirements Document (URD) version V1.3 – OS

Reference C: GWR PLQs and PM Doc List (Document correct at date of issue, but subject to updates)

Reference D: AA Ranges SET 20200225 (Document correct at date of issue, but subject to updates).

Annex A - REDACTED.

Annex B – REDACTED.

Annex C - REDACTED.