

Ministry of Defence

Statement of Requirement (SOR)

Cross Laminate Mass Timber Buildings – Structural Fire Protection Review

**Background**

1. The Defence Infrastructure Organisation (DIO) is the estate expert for defence, supporting the armed forces to enable military capability by planning, building, maintaining, and servicing infrastructure. DIO responsibilities include; plan and deliver major capital projects, provide a safe place to train and act as steward of the defence estate.
2. DIO are committed to utilising modern methods of construction (MMC) as part of wider government objectives. Mass Timber construction is becoming more relevant as engineered wood products such as Glulam and Cross Laminated Timber that make up Mass Timber construction provide sustainability advantages over other forms of MMC. As a result, MOD appointed consultants are recommending its use within their design proposals.
3. The use of Mass Timber on the defence estate is relatively new and following Technical Services involvement in Mass Timber building projects it has been identified that there is a potential shortfall in the process for providing assurance on the calculations that determine structural fire protection.

**Service Required**

1. The requirement is for a fire engineer competent in the review of Structural Fire Protection in Mass Timber buildings completes a review of Structural Fire Protection in 2 Mass Timber buildings to provide assurance that Structural Fire Protection requirements meet the intent of Approved Document B Fire Safety Vol 2. The review will consist of the following;
2. Start-up meeting – Attend start up meeting with DIO focal point to confirm parameters of review, reporting/presentation requirements and format of the report.
3. Information review – Confirmation required from appointed contractor that all information required for the review has been provided or further information is required.
4. Technical review – Allow for minimum of 5 microsoft teams meetings within the technical review of the 2 buildings.
5. Presentation of findings – When the review is complete and the report is in an agreed draft allow for 2 teams meetings to present the findings to the DIO focal point and wider DIO stakeholders.
6. Issue final report – for 2 revisions of the final report

**Scope**

1. To complete a report detailing the review of structural fire protection in 2 mass timber buildings

**Milestone**

1. The work being requested is for a specific task which is anticipated to be low value and will have a short timescale to complete. Therefore, it is not anticipated that there would be any milestone payments within this contract.

**Location**

1. The supplier will be expected to carry out the review remotely and through meetings via Microsoft Teams.

**Cyber Security**

1. All suppliers, including sub-contractors within the Defence Supply chain, must follow the Defence Cyber Protection Partnership (DCPP) Cyber Security Model for any contract that involves the transfer of MOD Identifiable Information. For further details please refer to <https://www.gov.uk/guidance/defence-cyber-protection-partnership> Start up meeting – Attend start up meeting with DIO focal point to confirm parameters of review, reporting/presentation requirements and format of the report.

* 1. Following an assessment this requirement has a Cyber Grade “**Very Low”,** therefore relevant control measures must be put in place by the provider. For further details please refer to <https://www.gov.uk/government/publications/cyber-security-for-defence-suppliers-def-stan-05-138>
  2. Tenderers should complete their Supplier Assessment Questionnaire using the [SAQ Form](https://gbr01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fforms.office.com%2Fe%2FgwWaExBF4w&data=05%7C01%7CKaren.Lynch273%40mod.gov.uk%7C5b5cceac5201411a2e3b08dbe046d515%7Cbe7760ed5953484bae95d0a16dfa09e5%7C0%7C0%7C638350367051106338%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=r%2Bqtuf2PEPhP6hJbH0w9dm9GaeAJH7tIzGnAbEpCzFk%3D&reserved=0), which must be returned to [UKStratComDD-CyDR-DCPP@mod.gov.uk](mailto:UKStratComDD-CyDR-DCPP@mod.gov.uk) and a copy of the outcome provided to the Supplier by DCPP must be included with the tender response. The Supplier is advised to submit their SAQ in sufficient time to obtain a response from DCPP prior to the Tender deadline (minimum 3 working days). The Supplier must have the required Cyber Accreditation Level at the time of Tendering and throughout the life of any subsequent contract.
  3. The Risk Assessment Reference to be used when submitting your SAQ is **250128A21** and the title is **“Mass Timber Fire Safety Review”**

**DIO Focal Point**

Redacted