|  |  |
| --- | --- |
|  | Karen Wiley  Air Commercial  General Acquisition Team – DCTT  S104 Flowerdown Hall  RAF Cosford  Wolverhampton  WV7 3EX  Email: Karen.wiley895@mod.gov.uk |

|  |  |
| --- | --- |
|  |  |
| Address Line 1  Address Line 2  Address Line 3  Address Line 4 | Your Reference: |
|  | Our Reference: 700261333 |
|  | Date: 28 August 2020 |
| FAO |  |
|  |  |

Dear Sir/Madam,

Invitation To: Tender Reference Number: 700261333- The Provision of a Mechanical and Electrical Maintenance Service at HMS Sultan

1. You are invited to tender for The Provision of a Mechanical and Electrical Maintenance Service at HMS Sultan in accordance with the attached documentation.

2. The anticipated date for the contract award decision is October 2020, please note that this is an indicative date and may change.

3. You must submit your Tender no later than 23.55, 28 September 2020. Please note the tender submission instructions in section E of this document.

4. Please confirm receipt of this tender to Miss. Karen Wiley stated in the E-mail address karen.wiley895@mod.gov.uk.

Yours faithfully

Karen Wiley

Commercial Officer

General Acquisition Team – DCTT

**Invited Suppliers**

| **Supplier Name** | **Supplier Address** | **Contact Name** | **Contact Email** |
| --- | --- | --- | --- |
| **AVRS Systems Ltd** | **AVRS Systems Ltd**  **Lonning End**  **Ponsonby**  **Seascale**  **Cumbria**  **CA20 1BU** | **Mo Akhmed** | **mo.akhmed@avrssystems.co.uk** |
| **Industrial Maintenance Services Ltd** | **E7 Voyager Park**  **Portsfield Road**  **Portsmouth**  **Hampshire**  **PO35FL** | **Hayley McKenna** | **hayley.mckenna@imsindustrial.co.uk** |
| **Machine Tool and Engineering Services Ltd** | **Unit 14 Quay Lane Industrial Estate**  **Hardway**  **Gosport**  **PO12 4LJ** | **Cindy Salmon** | **cindy@mtes.co.uk** |

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**Terms and Conditions**

**DEFFORM 47**

**Contents**

This invitation consists of the following documentation:

 DEFFORM 47 - Invitation To Tender. The DEFFORM 47 sets out the key requirements that Tenderers need to meet in submitting a valid Tender. It also sets out the conditions relating to this competition. For ease it is broken into:

o Section A - Introduction

Funding

DEFFORM 47 Definitions

Purpose

ITT Documentation and ITT Material

Tender Expenses

Material Change of Control from Supplier Selection

Contract Conditions

Consultation with Credit Reference Agencies

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Construction of Tenders

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Specific Conditions of Tendering

o DEFFORM 47 Annex A – Tender Submission Document (Offer)

Appendix 1 to DEFFORM 47 Annex A (Offer) – Information on Mandatory Declarations

 Schedule of Requirements:

 Statement of Requirement:

 Contract Conditions

 DEFFORM 111 - Appendix to Contract - Addresses and Other Information

 Tenderer’s Commercially Sensitive Information Form (DEFFORM 539A)

 Any other relevant documentation: Not Applicable

**Section A - Introduction**

**Funding**

A1.       Funding has been approved.

**DEFFORM 47 Definitions**

A2.      “The Authority” means the Secretary of State for Defence of the United Kingdom of Great Britain and Northern Ireland, (referred to in this document as "the Authority"), acting as part of the Crown.

A3.      “Tenderer” means the economic operator or group of operators in the form of a consortium, including sub-contractors, who have been invited to submit a response to this Invitation to Tender.  Where “you” is used this means an action on you the Tenderer.

A4.      “Invitation to Tender” (ITT) refers to the first document that the Authority sends out to potential Tenderers that initiates a tender response, competitive dialogue or negotiation.

A5.      A “Tender” is the offer that you are making to the Authority.

A6.      “Contractor Deliverables” means the works, goods and / or the services, including packaging (and Certificates(s) of Conformity supplied in accordance with any Quality Assurance (QA) requirements, if specified) and any associated technical data which the contractor is required to provide under the contract in accordance with the Schedule of Requirements, but excluding incidentals outside the Schedule of Requirements such as progress reports.

A7.      “Schedule of Requirements” means that part of the contract which identifies, either directly or by reference, the Contractor Deliverables to be supplied or carried out, the quantities involved and the price or pricing terms in relation to each Contractor Deliverable.

A8.       The “Statement of Requirement” details the technical requirements and acceptance criteria [Table 3 – Work Order Form ESS7] of the Contractor Deliverables.  The Statement of Requirement is attached at Annex A to this DEFFORM 47.  This may include the System Requirements Document (SRD).

A9.      “Conditions of Tendering” means the conditions set out in the DEFFORM 47 that govern the competition.

A10.   “Contract Conditions” means the attached conditions that will govern any resultant contract.

A11.   A “Third Party” is any person who is not an employee of the Authority or Tenderer, as defined at A3.

**Purpose**

A12.   The purpose of this ITT is to invite you to propose a solution / best price to meet the Authority’s requirement.  This documentation explains and sets out the:

a.        tender process and timetable for the next stages of the procurement;

b.        instructions and conditions that govern this competition;

c.        information you must include in your Tender and the required format;

d.        administrative arrangements for the receipt and evaluation of Tenders; and

e.        Contract Conditions that shall apply in the event that the Authority awards a contract following this competition.

A13.   The sections in this ITT and associated documents are structured in line with a generic tendering process and do not indicate importance / precedence.

A14.   This ITT has either been issued to all potential Tenderers that expressed an interest, or has been issued to all potential Tenders chosen during the Tender selection stage listed on page 2 of this DEFFORM 47.

A15.   This Requirement was Advertised (Publication: OJEU; Publication Date: ) and is In accordance with Public Contracts Regulations 2015.

**ITT Documentation and ITT Material**

A16.  ITT Documentation means any information in any medium or form (for example drawings, handbooks, manuals, instructions, specifications and notes of pre-tender clarification meetings), issued to you, or to which you have been granted access, by the Authority for the purposes of responding to this ITT. ITT Material means any other material (including patterns and samples), equipment or software issued to you, or to which you have been granted access, by the Authority for the purposes of responding to this ITT.  ITT Documentation, ITT Material and any Intellectual Property Rights (IPR) in them shall remain the property of the Authority or other Third Party owners and is released solely for the purposes of enabling you to submit a Tender.  You must:

a.                take responsibility for the safe custody of the ITT Documentation and ITT Material and for all loss and damage sustained to it while in your care;

b.                not copy or disclose the ITT Documentation or any part of it to anyone other than the bid team involved in preparing your Tender, and not use it except for the purpose of responding to this ITT;

c.                seek written approval from the Authority if you need to provide access to any ITT Documentation or ITT Material to any Third Party;

d.                abide by any reasonable conditions imposed by the Authority in giving its approval under sub-paragraph A16.c, which at a minimum will require you to ensure any disclosure to a Third Party is made by you in confidence.  Alternatively, due to IPR issues for example, the disclosure may be made, in confidence, directly by the Authority;

e.                accept that any further disclosure of ITT Documentation or ITT Material (or use beyond the original purpose), or further use of ITT Documentation or ITT Material, without the Authority’s written approval may make you liable for a claim for breach of confidence and / or infringement of IPR, a remedy which may involve a claim for compensation;

f.                inform the named Commercial Officer if you decide not to submit a Tender;

g.                immediately return all ITT Documentation, ITT Material and derived information of an unmarked nature, should you decide not to respond to this ITT, or you are notified by the Authority that your Tender has been unsuccessful; and

h.                consult the named Commercial Officer to agree the appropriate destruction process if you are in receipt of ITT Documentation and ITT Material marked ‘OFFICIAL-SENSITIVE’ or ‘SECRET’.

A17.  Some or all of the ITT Documentation and ITT Material may be subject to one or more confidentiality agreements made between you and either the Authority or a Third Party, for example a confidentiality agreement established in the form of DEFFORM 94.  The obligations contained in any such agreement will be in addition to, and not derogate from, your obligations under paragraph A16 above.

**Tender Expenses**

A18.  You will bear all costs associated with preparing and submitting your Tender.  If the Tender process is terminated or amended by the Authority, the Authority will not reimburse you.

**Material Change of Control from Supplier Selection**

A19.  You must inform the Authority in writing if there is any material change in control, composition or membership of your organisation and / or consortium members, including any sub-contractors at any time during the procurement process.  This may affect your right to stay in the competition.

**Contract Conditions**

A20. The Contract conditions can be found at page 38 of this document.

**Consultation with Credit Reference Agencies**

A21.     The Authority may consult with credit reference agencies to assess your creditworthiness.  This information may be used to support and influence decisions to enter into a contract with you.

**Section B - Key Tendering Activities**

The key dates for this procurement are currently anticipated to be as follows:

| **Stage** | **Date and Time** | **Initiated By** | **Submit to:** |
| --- | --- | --- | --- |
| Invitation to Bidders Conference | N/A | The Authority | All Tenderers |
| Date for Confirmation of attendance at Bidders Conference | N/A | Tenderers | The Authority |
| Final date for Clarification Questions / Requests for additional information | 14 September 2020 | Tenderers | Karen Wiley, Commercial Officer |
| Final Date for Requests for Extension to return date | 16 September | Tenderers | Karen Wiley, Commercial Officer |
| The Authority issues Final Clarification Answers | 16 September | Karen Wiley, Commercial Officer | All Tenderers |
| Tender Return | 28 September 2020 | Tenderers | AWARD |
| Tender Evaluation | October 2020 | The Authority | N/A |

**Notes**

1. A Bidders Conference is where the Authority presents the requirement to all Tenderers at the same time. A copy of the presentation will be issued to all Tenderers regardless of attendance. It gives you an opportunity to ask questions about the requirement. The Tenderer must provide the name(s) of those attending the Bidders Conference to the above named contact, by the date shown, so that access to the site can be arranged.

2. The Tenderer must make requests for an extension in writing (email is sufficient) to the above named contact, by the date and time shown. Any extension is at the sole discretion of the Authority and if granted will be granted to all Tenderers.

3. The Authority will automatically copy questions and answers to all Tenderers, removing the names of those who have raised the questions. If you do not want your question disclosed you must inform the Authority of this and the reason why when submitting the question. The Authority may choose to discuss with you whether it is appropriate to disclose the question or response, or both, to other Tenderers. If the Authority decides to disclose, you will be given the opportunity to withdraw your question. Where a question reveals a piece of information that could significantly impact the Tenderers responses this may result in an extension of the Tender return date. The Authority will endeavour to ensure that you have at least 10 working days to submit your Tender.

**Section C - Instructions on Preparing Tenders**

**Tenders for Selected Contractor Deliverables**

C1. The Authority reserves the right to reject all or part of your Tender where you have not tendered for all of the Contractor Deliverables.

**Construction of Tenders**

C2. Your Tender must be written in English, using Arial font size 11. Prices must be in GBP. Prices must be Firm Price.

C3. To assist the Authority’s evaluation please set out your Tender response in accordance with Section D (Tender Evaluation).

**Validity**

C4. In accordance with F3 your Tender must be valid / open for acceptance for 90 calendar days from the Tender return date. If successful, your Tender must be open for acceptance for a further thirty (30) calendar days.

**Variant Bids**

C5. Variant Bids. Any Tender made subject to additional or alternative Contract Conditions alone is not a variant bid. A variant bid is a Tender that offers an alternative approach to, or method of, meeting the Authority’s requirements as set out in the ITT Documentation. Where the tender evaluation has a pass / fail for the Contract Conditions the Authority may reject the Tender on the grounds of such additional or alternative Contract Conditions.

C6. The Authority can only evaluate Variant Bids during this competition where it was stated at the expression of interest stage that Variant Bids would be accepted. In these circumstances the Authority will give full and careful consideration to any permitted variant bids received. Any variant bid should, as far as possible, meet the attached Conditions of Tendering and Contract Conditions. Where you submit a variant bid, you are required to submit two Tenders, one against the Statement of Requirement and one variant bid. The standard Tender must meet the ‘minimum’ tender evaluation criteria as set out in Section D (Tender Evaluation), and must be submitted in accordance with the Conditions of Tendering. Variant bids will be evaluated in accordance with the tender evaluation criteria as set out in Section D (Tender Evaluation) and must be submitted in accordance with the Conditions of Tendering.

**Section D - Tender Evaluation**

**D.1 Technical Evaluation Methodology**

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[1. Purpose](#_Toc43803264)

[2. Evaluators](#_Toc43803265)

[3. Criteria](#_Toc43803266)

[4. Marking of Responses](#_Toc43803267)

[5. The Technical Evaluation Process](#_Toc43803268)

[6. Moderation of Evaluations](#_Toc43803269)

[7. Results from Scored Criteria](#_Toc43803270)

[8. Results from Pass / Fail Criteria](#_Toc43803271)

[9. Technical Compliance](#_Toc43803272)

[10. Provision of Results to Tenderers](#_Toc43803273)

# Purpose

* 1. This Annex details the process which the technical elements of the Tenders submitted in response to this Invitation to Tender (ITT) will be evaluated, including the criteria the Tenderer is required to address and the weightings of these criteria. The technical elements consist of the solution proposed by the Tenderer to deliver the outputs detailed within the Statement of Requirement (SoR) within the limitations described within the SoR and associated Terms and Conditions.

# Evaluators

* 1. The response to the technical elements of this ITT will be assessed by a team of Subject Matter Experts (SMEs) deemed appropriate by the Authority. These SMEs will evaluate each Tender and will be referred to further in this Annex as the evaluators.

# Criteria

* 1. The technical evaluation criteria are set out at Appendix 1 and Appendix 2 including the marking method and any weighting applied to the criteria.

# Marking of Responses

* 1. All criteria will be marked using the relevant marking matrices detailed below:
     1. **Pass / Fail** - Where the marking method for a criterion is **Pass or Fail** then the Tender will be marked in accordance with Table 1 detailed below:

Table 1 - Technical Evaluation Marking for Pass / Fail Criteria

| **Mark** | **Proposed Solution** |
| --- | --- |
| Pass | The Tender shows **all** of the following:  1. The Tenderer has demonstrated that the solution is fully deliverable; evidence for this:   * Details how the capability will be delivered. * Complies with necessary standards detailed in the criteria and recognises key constraints. * Shows efficiencies in the use of resources.   2. Any effects on the Authority resulting from the Tenderer’s solution are acceptable. |
| Fail | The Tender shows **any** of the following:  1. The Tenderer has failed, or only partially, demonstrated that the solution is deliverable; evidence for this:   * Vaguely details how the capability will be delivered. * Only complies with necessary standards detailed in the criteria but does not recognise key constraints. * Does not clearly show efficiencies in the use of resources.   2. Some effects on the Authority resulting from the Tenderer’s solution are undesirable. |

* + 1. **Scored** - Where the marking method for a criterion is **Scored** then the tender will be marked in accordance with Table 2 detailed below:

Table 2 - Technical Evaluation Marking for Scored Criteria

| **Mark** | **Proposed Solution** |
| --- | --- |
| 5 | High Confidence  The Tender shows **all** of the following:  1. The Tenderer has demonstrated that the solution is fully deliverable; evidence for this:   * Clearly and comprehensively details how the capability will be delivered. * Complies with all standards detailed in the criteria whilst recognising and mitigating all constraints. * Shows effective and efficient use of resources.   2. Any effects on the Authority resulting from the Tenderer’s solution are acceptable. |
| 4 | Good Confidence  The Tender shows **all** of the following:  1. The Tenderer has demonstrated that the solution is fully deliverable; evidence for this:   * Highly details how the capability will be delivered. * Complies with necessary standards detailed in the criteria whilst recognising and mitigating key constraints. * Show efficiencies in the use of resources.   2. Any effects on the Authority resulting from the Tenderer’s solution are acceptable. |
| 3 | Satisfactory  The Tender shows **all** of the following:  1. The Tenderer has demonstrated that the solution is fully deliverable; evidence for this:   * Details how the capability will be delivered. * Complies with necessary standards detailed in the criteria and recognises key constraints. * Shows limited efficiencies in the use of resources.   2. Any effects on the Authority resulting from the Tenderer’s solution are acceptable. |
| 2 | Minor Concerns  The Tender shows **any** of the following:  1. The Tenderer has only partially demonstrated that the solution is deliverable; evidence for this:   * Incomplete details how the capability will be delivered. * Only complies with necessary standards detailed in the criteria but does not recognise key constraints. * Does not clearly show efficiencies in the use of resources.   2. Some effects on the Authority resulting from the Tenderer’s solution are undesirable. |
| 1 | Major Concerns  The Tender shows **any** of the following:  1. The Tenderer has failed, or only partially, demonstrated that the solution is deliverable; evidence for this:   * Fails to detail how the capability will be delivered. * Fails to comply with minimum necessary standards detailed in the criteria and does not recognise key constraints. * Fails to identify any efficiency in the use of resources.   2. Any effects on the Authority resulting from the Tenderer’s solution are unacceptable. |
| 0 | Fail  No response provided. |

* 1. The Tenderer is to respond using the Requirements of Response format found at Appendix 2. The responses to the criteria detailed within the Appendix are to be clear and concise; responses that are unclear or unstructured may result in the Tenderer receiving a lower mark due to the difficulty for the evaluators to identify the information. Where the Tenderer does not use the Requirements of Response format at Appendix 2, or a similar duplication of the Appendix, then the Tenderer’s response will not be evaluated and be deemed non-compliant. Where the Tenderer has additional information, such as certificates, specification documents or annexes, to support their response then they are to detail the location of this further evidence within the Requirement of Response.

# The Technical Evaluation Process

* 1. The Tenderers solution to the technical elements of this ITT are to address all of the responses required and detailed in Appendix 2. These responses will be assessed by a team brought together by the Authority as detailed at Section 2. The Tenderer’s solution to each technical criterion will be assessed for compliance by the evaluators.
  2. Once each response has been fully considered then either a Pass or Fail mark will be awarded or a Numerical Score ranging from 5 to 0, in integers of 1, will be awarded depending on marking detailed for that criterion.

# Moderation of Evaluations

* 1. Once all evaluators have completed their evaluations then a moderation exercise will be undertaken. The moderation will review disparities between the markings awarded by the evaluators.
  2. The moderation may result in evaluators being requested to reconsider the original mark awarded.
  3. Where the moderation determines that a Tenderer’s response is found to have areas of minor uncertainty the evaluators may request, via the relevant Commercial Officer, a Clarification Question (CQ) to be raised. On the return of the response of the CQ by the Tenderer, the evaluators will re-evaluate the relevant criteria using the response to the CQ in a reiteration of the Technical Evaluation Process detailed above at Section 5.
  4. CQs will only be raised if there seems to be areas of minor misunderstanding as to the meaning of the Tender by the evaluators or where the evaluators perceive there to have been a genuine mistake by the Tenderer. Where a Tenderer has not submitted a response, omits responses to criteria, or has significant areas of non-compliance then a CQ will not be raised.

# Results from Scored Criteria

* 1. For those criteria, which will be marked on a Scored, then the following will apply.
  2. Where multiple evaluators are assigned to assess the Tenderer’s response then the average (mean) of the results of the evaluators shall be used and termed the Average Score. This shall be a rational number displayed to 2 decimal places and shall be average of the score awarded by all evaluators against each criterion using the following equation:

Average Score =



Where:

*n* = Number of evaluators

*e1* = Score awarded by first evaluator against the criterion

*e2* = Score awarded by second evaluator against the criterion

*ex* = Score awarded by subsequent evaluators against the criterion

* 1. The Weighting detailed against the criterion will then be applied to the Average Score to create the Weighted Score. This shall be a rational number displayed to 2 decimal places, calculated using the following equation:

Weighted Score =



Where:

A = Average Score generated for the criterion

W = Weighting to be applied to the criterion

Worked examples of this are shown below at Figure 1.

Figure 1 - Worked Examples of the Application of Weightings

**Example 1**

|  |  |
| --- | --- |
| Criterion Number: | X. |
| Criterion: | Demonstrate how you will comply with the mandated security accreditation stipulated. |
| Statement of Requirement (SoR) Reference: | x.x |
| Marking Method: | Scored |
| Weighting: | 10 % |

The solution to the criterion provided by Tenderer A has been marked with an Average Score of 4 whilst Tenderer B has been marked with an Average Score of 2.

|  |  |
| --- | --- |
| For Tenderer A:  Weighted Score = (4 x 20) x (10 / 100)  = 80 x 0.1  = 8 | For Tenderer B:  Weighted Score = (2 x 20) x (10 / 100)  = 40 x 0.1  = 4 |

**Example 2**

|  |  |
| --- | --- |
| Criterion Number: | Y. |
| Criterion: | Detail how you have the capability to handle and comply with the quality standards for delivery. |
| SoR Reference: | x.y |
| Marking Method: | Scored |
| Weighting: | 12.5 % |

The solution to the criterion provided by Tenderer A has an Average Score of 3.66 whilst Tenderer B has an Average Score of 2.

|  |  |
| --- | --- |
| For Tenderer A:  Weighted Score = (3.66 x 20) x (12.5 / 100)  = 73.33 x 0.125  = 9.16 | For Tenderer B:  Weighted Score = (2 x 20) x (12.5 / 100)  = 40 x 0.125  = 5 |

* 1. The sum of the Weighted Scores shall be used to calculate the Final Technical Score. This shall be a rational number displayed to 2 decimal places.
  2. The highest possible Final Technical Score is 100. This can be achieved if, in the opinion of all of the evaluators, that the Tenderer has provided a response that achieves a score of 5 (High Confidence) to all of the criteria where the marking method is Scored.

# Results from Pass / Fail Criteria

* 1. For those criteria, which will be marked on a Pass / Fail basis, then the following will apply.
  2. Where multiple evaluators are assigned to assess the Tenderer’s response then a consensus of the result of each criteria from each evaluator will be used to create a Consensus Result. Where any one evaluator marks the criteria as a Fail then the Consensus Result will default to Fail.
  3. No Weightings will be applied to those criteria marked on a Pass / Fail basis.

# Technical Compliance

* 1. Unless otherwise stated against a particular criterion, the material detailed in this Section shall be used to determine if a Tenderer’s bid is deemed to be technically compliant or non-compliant.
  2. Where there is a Fail in any part of those criteria marked as Pass or Fail then the Tenderer’s bid will be considered to be technically non-compliant.
  3. Where the Score to any element is 2 (Minor Concerns) or less then the Tenderer’s bid will be considered to be technically non-compliant.
  4. Where the Final Technical Score from the Technical evaluation is below 60 then the Tenderer’s bid will be considered to be technically non-compliant.
  5. Where a Tenderer’s bid is deemed to be technically non-compliant, the Tenderer’s bid will not be taken forward for a Commercial score to be awarded.
  6. Where a Tenderer’s bid is deemed to be technically compliant, then the Final Technical Score shall be the measure that will be used for reconciliation with the Commercial score to determine the “Winning Tenderer” in accordance with the weightings detailed at Appendix 1.

# Provision of Results to Tenderers

* 1. The Successful Tenderer or Tenderers will not, by default, be provided with a breakdown of the technical evaluation. Such a breakdown of their results may be requested through the relevant Commercial Officer.
  2. Unsuccessful Tenderer or Tenderers will be provided with the following level of breakdown of the technical evaluation provided in the Notification of Contract Award Decision letters issued following completion of the competition:
     1. For criteria marked on a Scored basis, the Tenderer will be provided with the Average Score along with the Weighted Score. The Average Score will be displayed as whole numbers in integers between 0 and 5 in accordance with the marking matrix at Section 4. The whole number will be determined by using the bracket within the marking matrix that the Tenderer’s Average Score falls within.
     2. For criteria marked on a Pass / Fail basis, the Tenderer will be provided with the Consensus Result displaying if the Tenderer has achieved a Pass or Fail mark in accordance with the marking matrix at Section 4.
     3. For all criteria, the reasons for the mark provided to the Tenderer.
     4. For all criteria, the relative mark of the Successful Tenderer(s) and the Successful Tenderer(s)’s relative characteristics and advantages.

**Appendix 1**

**Specific Tender Evaluation Details 700261333**

**Provision of a Mechanical and Electrical Maintenance Service to HMS Sultan**

1. **Weighting between Technical and Commercial elements**
   1. The award of a Contract for this Requirement shall be based on the Most Economically Advantageous Tender (MEAT) with the following Division between the Technical and Commercial elements:
      1. The Technical element of the evaluation will account for 60 % of the total score,
      2. The Commercial element of the evaluation will account for 40 % of the total score.
2. **Weighting for Technical Evaluation Criteria**
   1. The weightings for the Technical evaluation criterion are detailed in Table 1 below:

Table 1 - Marking Method and Weightings

| **Criteria** | **Marking Method** | **Weighting (%)** |
| --- | --- | --- |
| 1 | Pass / Fail | N/A |
| 2 | Scored | 35 |
| 3 | Pass / Fail | N/A |
| 4 | Scored | 30 |
| 5 | Scored | 15 |
| 6 | Scored | 10 |
| 7 | Scored | 10 |

| Criterion Number: |  |
| --- | --- |
| Criterion: | Demonstrate your company has a robust risk management system and demonstrate how your company will conduct risk assessments and method statements in relation to this requirement. |
| Marking Method: | Pass / Fail |
| Weighting: | N/A |
| Tenderer’s Response: |  |
|  | |
| Location of Further Evidence: |  |
| Criterion Number: |  |
| Criterion: | Demonstrate how your company will safely undertake electrical and mechanical maintenance, repairs, servicing, statutory and maintenance routines in accordance with and required by the SoR. Your response should include but not be limited to:   * investigation of all types of electrical and mechanical repairs * statutory servicing and fault rectification on Machine tools * electrical repairs to training and associated equipment and supply services to this equipment |
| Marking Method: | Scored |
| Weighting: | 35 % |
| Tenderer’s Response: |  |
|  | |
| Location of Further Evidence: |  |
| Criterion Number: |  |
| Criterion: | Confirm that your company can provide a response to emergency situations within 4 hours during normal establishment working hours and detail how this will be achieved. |
| Marking Method: | Pass / Fail |
| Weighting: | N/A |
| Tenderer’s Response: |  |
|  | |
| Location of Further Evidence: |  |

| Criterion Number: |  |
| --- | --- |
| Criterion: | Demonstrate the generic processes your company will follow to allow for the safe removal of redundant equipment and installation of new/replacement equipment. Your response should include but not be limited to:   * Isolation and disconnection of all mechanical and electrical services * Removal and transportation of redundant equipment from one area to a holding location within HMS SULTAN * Installation of new/replacement equipment * Reconnection of all mechanical and electrical services |
| Marking Method: | Scored |
| Weighting: | 30 % |
| Tenderer’s Response: |  |
|  | |
| Location of Further Evidence: |  |

| Criterion Number: |  |
| --- | --- |
| Criterion: | Demonstrate how your company will provide and undertake design services and manufacture modification to training equipment, as required, to ensure safe operation of the equipment. |
| Marking Method: | Scored |
| Weighting: | 15 % |
| Tenderer’s Response: |  |
|  | |
| Location of Further Evidence: |  |

| Criterion Number: |  |
| --- | --- |
| Criterion: | Demonstrate how your company will undertake calibration and validation of welding machines and associated machinery. |
| Marking Method: | Scored |
| Weighting: | 10 % |
| Tenderer’s Response: |  |
|  | |
| Location of Further Evidence: |  |
| Criterion Number: |  |
| Criterion: | Demonstrate how your company will undertake servicing, testing and certification of LEV. |
| Marking Method: | Scored |
| Weighting: | 10 % |
| Tenderer’s Response: |  |
|  | |
| Location of Further Evidence: |  |

**Commercial Evaluation Methodology**

D.2 The commercial evaluation will be marked on the following basis: -

**Table 1**

|  |  |
| --- | --- |
| **Criteria** | **Evaluation Criteria** |
| Price    You are required to provide your firm hourly rate for line item 1 in the Schedule of Requirements for each contract year.  You are required to provide your firm price per item for line items 2 - 5 in the Schedule of Requirements for each contract year.    Your prices will be evaluated as advised in the Evaluation Criteria column. | In order to evaluate bids, the Authority will use estimated figures (denoted by an asterisk) for you to price your tender against. The figures for each line item are in the Schedule of Requirements. They are an estimation based on previous years and are provided for the purpose of evaluation only. Actual figures may vary however it must be noted that no work is guaranteed as a result of this framework agreement.  Line 1: For example, if your rate per hour is £20.00 per hour your offer will be evaluated as follows    Hourly rate £20.00, multiplied by estimated number of call outs per year 150\*.    The total sum will look like this for year 1  £20 x 150\* = £3000    As you are asked to provide prices for 4 years each year’s hourly rate will be subject to the same sum. For example, if the rate increases in year 2 to £30 per hour the total sum will be as follows  £30 x 150\* = £4500  Lines 2, 3, 4 and 5: For example, if your price per item is £500 your offer will be evaluated as follows    Price per item £500, multiplied by estimated number of items per year 100\*.    The total sum will look like this for year 1  £500 x 100\* = £50,000    As you are asked to provide prices per item for 4 years, each year’s item price will be subject to the same sum. For example, if the rate increases in year 2 to £550 per hour the total sum will be as follows  £550 x 100\* = £55,000    This process will be carried out for lines 2, 3, 4 and 5. A worked example can be found at table 2.  The total cost for all tasks for each year will be added together to give a Total Bid Price (P).    Your Total Bid Price (P) is then  evaluated by using the following equation:  C = (L / P) x 100  Where:  C = final commercial score  L = lowest price Tendered  P = price submitted by Tenderer\* |
| Unconditional acceptance of the Authority’s ITT DEFFORM 47 Terms and Conditions and Clauses; Forms and Annexes (and completion of requested forms), and the Authority’s ITT Terms and Conditions. | Pass/Fail |
| You must quote for all item lines listed. Failure to provide prices will render your bid non-compliant. Please ensure you complete Schedule 2. | Pass/Fail |
| Completion and return of Schedule 5 Contractors Commercial Sensitive Information and Schedule 6 Hazardous Contractor Deliverables, Materials or Substances Supplied under the Contract | Pass/Fail |
| Supplier Assurance Questionnaire must be completed ensuring that the cyber risk profile (Low) is met which is linked to reference number –  RAR-A2DN8XAS. This must be completed via the internet based DCPP Cyber Security Model online: https://suppliercyberprotection.service.xgov.uk/.  Further guidance is provided on the DCPP website once you commence the Supplier Assurance Questionnaire, please note that you must include the above RAR reference at the start of this process.  Where you cannot demonstrate that you have achieved the proportionate security requirements associated with this requirement, a Cyber Implementation Plan (CIP) must be submitted. Where a bidder has produced a CIP which is deemed unacceptable by the RAF Senior Information Officer (SIRO) to accept then they will be declared non-compliant for this requirement. Further guidance is provided on the DCPP website once you commence the Supplier Assurance Questionnaire, please note that you must include the above RAR reference at the start of this process.  Please ensure that you complete the Supplier Assurance Questionnaire by the tender close date. | Pass/Fail  Pass– The Tender shows of the following  1. The Tenderer meets or exceeds the level of security of the DCPP Cyber Security Model for the requirement.  2. Where the Tenderer does not meet the level of security of the DCCP Cyber Security Model for the requirement and a Cyber Implementation Plan has been submitted and found to be acceptable by the Authority.  3. Any effects on the Authority resulting from the Tenderer’s solution are  Fail – The tender shows any of the following  1.The Te1.Tenderer has failed to meet the level of security of the DCPP Cyber Security Model for the requirement.  2. Where the Tenderer does not meet the level of security of the DCCP Cyber Security Model for the requirement and a Cyber Implementation Plan has been submitted and found to be unacceptable by the Authority.  3. Some effects on the Authority resulting from the Tenderer’s solution are undesirable. |

\*The total price that has been provided by the Tenderer for Items 1 to 5 of the ‘Pricing Schedule’ document will be used as the ‘P’ (price submitted by Tenderer) in the equation provided in Table 1 above.

1.   If any of the criteria that is to be marked on a Pass/Fail basis is evaluated as a ‘Fail’, then the Tenderer’s bid will be considered to be commercially non-compliant and ruled out of the competition.

**Table 2**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Item Number | Description | Estimate | Firm Price (ex VAT) hourly rate  Year 1  2020-2021 | Firm Price (ex VAT) hourly rate  Year 2  2021-2022 | Firm Price (ex VAT) hourly rate  Year 3  2022-2023 | Firm Price (ex VAT) hourly rate  Year 4  2023-2024 | Example |
| 1 | Provision of a mechanical and electrical repair, maintenance and installation service of equipment including machine tools, welding machines and local exhaust ventilation ***(See Statement of Requirements).*** | 150\* | £20p/h | £30p/h | £40p/h | £50p/h | Y1 – 150x20=3000  Y2 – 150x30=4500  Y3 – 150x40=6000  Y4 – 150x50=7500 |
| Item Number | Description | Estimate | Firm Price (ex VAT) per item  Year 1  2020-2021 | Firm Price (ex VAT) per item  Year 2  2021-2022 | Firm Price (ex VAT) per item  Year 3  2022-2023 | Firm Price (ex VAT) per item  Year 4  2023-2024 | Example |
| 2 | To inspect and certificate statutory inspections of Machine Tools including CNC ***(See Statement of Requirements, Refer Annex B RED lines once per year)*** | 100\* | £500 | £550 | £600 | £650 | Y1 – 500x100=50000  Y2 – 550x100=55000  Y3 – 600x100=60000  Y4 – 650x100=65000 |
| 3a | To inspect and certificate statutory inspections of Machine Tools including CNC ***(See Statement of Requirements, Annex B BLUE lines twice per year)*** | 18\* |  |  |  |  | As above |
| 4a | To service, test and certificate local exhaust ventilation – ***(See Statement of Requirements, once per year).*** | 60\* |  |  |  |  | As above |
| 5a | To calibrate and validate welding machines and associated machinery ***(See Statement of Requirements, once per year).*** | 50\* |  |  |  |  | As above |

Annex B details an indicative list of equipment to be overseen. However, it should be noted that this list of equipment requiring statutory maintenance and/or repair can change and cannot be taken as definitive. New equipment may be added or removed as training needs are updated.

**D.3 - Reconciliation of Commercial and Technical Evaluation Scores**

The award of a Contract for this Requirement shall be based on the Most Economically Advantageous Tender (MEAT) with the weightings, between the Technical and Commercial elements as follows: -

a) The Technical element of the evaluation will account for 60 % of the total score,

b) The Commercial element of the evaluation will account for 40 % of the total score.

The bids shall be ranked in decreasing order of their reconciled commercial and technical scores to create the Final Evaluation Score.

The Final Evaluation Score shall be worked out using the following equation:

F = (T x tw) + (C x cw)

Where:

F = Final Evaluation Score

T = final technical score

C = final commercial score

tw = weighting for technical element, expressed as a decimal

cw = weighting for commercial element, expressed as a decimal

A worked example is as follows:

T = 62

C = 97

tw = 60% = 0.60

cw = 40% = 0.40

F = (62 x 0.60) + (97 x 0.40)

F = 37.20 + 38.80

F = 76

The Contract will be awarded to the Tenderer that scores the highest Final Combined Evaluation Score.  If two or more Tenderers achieve the same Combined Score then the Tenderer that has the highest final technical score will be deemed the winner.

**Section E - Instructions on Submitting Tenders**

**Submission of your Tender**

E1. Electronic Tender Submission. Your Tender must be submitted electronically via the AWARD® Virtual Tender Board by ‘insert date and time (including time zone)’. Hard copy, paper or delivered digital tenders (e.g. DVD) are no longer required and will not be accepted by the Authority. Tenderers are required to submit an electronic online tender response to ITT ‘700261333’. You must provide one priced copy of your tender and one unpriced copy. You should ensure that there are no prices present in your unpriced copy.

E2. You must ensure that your DEFFORM 47 Annex A is signed, scanned and uploaded to AWARD® with your Tender as a PDF.

E3. Tenderers will receive AWARD® login details no later than 5 working days before the tender submission date. Once logged into the AWARD® service, uploading and submission instructions will be readily available. Login details will be sent via two separate automatically generated emails. Tenderers should ensure their local mail application settings allow receipt of computer-generated emails.

E4. AWARD® is security accredited to OFFICIAL-SENSITIVE. Material that is protectively marked above this classification must not be uploaded.

E5. If you intend to upload any ITAR or Export Controlled information as part of your tender, you must notify the Commercial Officer before you upload your tender to AWARD.

E6. If you have any difficulty accessing the AWARD® service or if you have any questions with regards to the tendering exercise itself, please contact Karen Wiley using the following email address karen.wiley895@mod.gov.uk

E7. You must ensure you include all relevant information in your Tender. The Authority can only evaluate information that you include in your Tender

**Samples**

E8. Samples will not be required.

**Section F - Conditions of Tendering**

F1. The issue of ITT Documentation or ITT Material is not a commitment by the Authority to place a contract as a result of this competition or at a later stage. Any expenditure, work or effort undertaken prior to any offer and subsequent acceptance of contract, is a matter solely for your commercial judgement. The Authority reserves the right to:

a. seek clarification or additional documents in respect of a Tenderer’s submission;

b. visit your site;

c. disqualify any Tenderer that does not submit a compliant Tender in accordance with the instructions in this ITT;

d. disqualify any Tenderer that is guilty of misrepresentation in relation to its Tender, expression of interest, the dynamic Pre-Qualification Questionnaire (PQQ) or the tender process;

e. re-assess your suitability to remain in the competition, for example where there is a material change of control from supplier selection;

f. withdraw this ITT at any time, or re-invite Tenders on the same or any alternative basis;

g. re-issue this ITT on a single source basis, in the event that this procurement does not result in a ‘competitive process’ as defined in the Single Source Contract Regulations 2014, making such adjustments as would be required by the application of the Defence Reform Act 2014 and / or the Single Source Contract Regulations 2014;

h. choose not to award any contract as a result of the current procurement process;

i. award a contract for some of the Contractor Deliverables, unless you specifically oppose this in your Tender or state any minimum order quantities; and / or:

j. ask for an explanation of the costs or price proposed in the tender where the tender appears to be abnormally low.

F2. The contract will be entered into when the Authority sends written notification of its entry into the contract, via a DEFFORM 159. Written notification will be issued, to the address you provide, on or before the end of the validity period specified in paragraph C4 and subject to paragraph F3.

F3. It is a Condition of Tendering that the winning Tenderer holds their Tender open for acceptance for the period stated in C4. This period starts on the day the Authority announces its decision to award the contract to the winning Tenderer in accordance with the Tender. In the event that legal proceedings are instigated, challenging the award of the contract, prior to entry into contract, it is a condition of this ITT that you hold your Tender open for acceptance during this period, and up to fourteen (14) days after the result of the legal proceedings. In the event of such legal challenge, the Authority agrees to use all reasonable measures to accelerate proceedings.

**Conforming to the Law**

F4. You must comply with the UK Competition Act 1998, the UK Bribery Act 2010, applicable EU and UK legislation and any equivalent legislation in a third state.

F5. Your attention is drawn to legislation relating to the canvassing of a public official, collusive behaviour and bribery. If you act in breach of this legislation your Tender may be disqualified from this procurement. Disqualification will be without prejudice to any civil remedy available to the Authority or any criminal liability that your conduct may attract.

**Bid Rigging and Other Illegal Practices**

F6. You must report any bid rigging, fraud, bribery, corruption, or any other dishonest irregularity in connection to this tendering exercise to:

Defence Regulatory Reporting Cell Hotline

0800 161 3665 (UK) or +44 1371 85 4881 (Overseas)

**Conflicts of Interest**

F7. You must notify the Authority immediately of any Conflicts of Interest (COI) that have arisen or that arise at any point prior to contract award decision. There may be instances where it is essential that you do not have a Conflict of Interest (COI).

F8. Where there is an existing or potential Conflict of Interest (COI) you must include a proposed Compliance Regime in your Tender. As a minimum this must include:

a. manner of operation and management;

b. roles and responsibilities;

c. standards for integrity and fair dealing;

d. levels of access to and protection of competitors sensitive information and Government Furnished Information;

e. confidentiality / non-disclosure agreements (e.g. DEFFORM 702);

f. the Authority’s rights of audit; and

g. physical and managerial separation.

Should your Tender be accepted your proposed Compliance Regime will become part of the Contract Conditions and shall be legally binding.

**Government Furnished Assets**

F9. Where the Authority provides Government Furnished Assets (GFA) in support of this competition, you must include details of the GFA in your Public Store Account and treat it in accordance with Def Stan 05-099. If unsuccessful in this competition, you must seek instructions for the GFA from the named Commercial Officer.

**Standstill Period**

F10. The Authority is obliged under certain circumstances to allow a space of ten (10) calendar days between the date of dispatch of its notice to Tenderers before entering into a contract, known as the standstill period. This period is to give unsuccessful Tenderers an opportunity to make a legal challenge before the contract is entered into if there has been, or it is alleged that there has been, a breach of the Regulations. The standstill period ends at midnight at the end of the 10th day after the date the DEFFORM 158 is sent. Where this is not a working day, it extends to midnight at the end of the next working day.

**Publicity Announcements**

F11. The Authority will publish notification of the contract and shall publish contract documents under the FOI Act except where publishing such information would hinder law enforcement; would otherwise be contrary to the public interest; would prejudice the legitimate commercial interest of any person, or might prejudice fair competition between suppliers. You should complete and return DEFFORM 539A as explained in the DEFFORM 47 Annex A and associated Appendix 1.

F12. If you wish to make a similar announcement, you must seek approval from the named Commercial Officer.

F13. Under no circumstances should you confirm to any Third Party the Authority’s acceptance of an offer of contract prior to either informing the Authority of your acceptance or the Authority’s announcement of the award of contract, whichever occurs first.

**Sensitive Information**

F14. All Central Government Departments and their Executive Agencies and Non Departmental Public Bodies are subject to control and reporting within Government. In particular, they report to the Cabinet Office and HM Treasury for all expenditure. Further, the Cabinet Office has a cross-governmental role delivering overall Government policy on public procurement, including ensuring value for money, related aspects of good procurement practice and answering Freedom Of Information requests.

F15. For these purposes, the Authority may share within Government any of the Contractor’s documentation / information (including any that the Contractor considers to be confidential and / or commercially sensitive such as specific bid information) submitted by the Contractor to the Authority during this procurement. Contractors taking part in this competition must identify any sensitive material in the DEFFORM 539A (or SC1B Schedule 4 or SC2 Schedule 5) and consent to these terms as part of the competition process.  This allows the MOD to share information with other Government Departments while complying with our obligations to maintain confidentiality.

F16. The Authority reserves the right to disclose on a confidential basis any information it receives from Tenderers during the procurement process (including information identified by the Tenderer as Commercially Sensitive Information in accordance with the provisions of this ITT/ITN) to any third party engaged by the Authority for the specific purpose of evaluating or assisting the Authority in the evaluation of the Tenderer’s Tender. In providing such information the Tenderer consents to such disclosure.

**Reportable Requirements**

F17. Listed in the DEFFORM 47 Annex A (Offer) are the Mandatory Declarations. It is a Condition of Tendering that you complete and attach the returns listed in the Annex and, where you select yes, you attach the relevant information.

F18. Failure to complete this part of the Annex in full makes your Tender non-compliant. Additional information provided in response to Appendix 1 may be used to support the Authority’s evaluation of your tender, as detailed in Section D.

F19. If you are an overseas Contractor and your Tender is successful you will be required to provide the name and address of your bank and the relevant bank account number on contract award.

**DEFFORM 47 Annex A - Edn 07/18**

**Ministry of Defence**

**Tender Ref No. 700261333**

**TENDER SUBMISSION DOCUMENT (OFFER)**

**To the Secretary of State for Defence of the United Kingdom of Great Britain and Northern Ireland (hereafter called “the Authority”)**

The undersigned Tenderer, having read the ITT Documentation, offers to supply the Contractor Deliverables at the stated price(s), in accordance with any referenced drawings and / or specifications, subject to the Conditions of Tendering. It is agreed that only the Contract Conditions or any amendments issued by the Authority shall apply.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Applicable Law** | | | | | | |
| I agree that any contract resulting from this competition shall be subject to English Law  \*Where ‘No’ is selected, Scots Law will apply. | | | | | Yes / No\* | |
| **Total Value of Tender (excluding VAT)** | | | | | | |
| £ ………………………………………………………………………………………………………………………  WORDS ................................................................................................................................................................................ | | | | | | |
| **UK Value Added Tax** | | | | | | |
| If registered for Value Added Tax purposes, please insert:  a. Registration No ..........................................  b. Total amount of Value Added Tax payable on this Tender (at current rate(s)) £........................... | | | | | | |
| **Location of work (town / city) where contract will be performed by Prime:** | | | | | | |
| Where items which are subject of your Tender are not supplied or provided by you, state location in town / city to be performed column (continue on another page if required) | | | | | | |
| Tier 1 Sub-contractor Company Name | Town / city to be  Performed | Contractor Deliverables | | Estimated Value | | SME  Yes / No |
|  |  |  | |  | |  |
|  |  |  | |  | |  |
|  |  |  | |  | |  |
|  |  |  | |  | |  |
|  |  |  | |  | |  |
| **Mandatory Declarations** (further details are contained in Appendix 1 to DEFFORM 47 Annex A (Offer)): | | | | **Tenderer’s Declaration** | | |
| Is the offer subject to the Authority contracting for all the Contractor Deliverables? | | | | Yes\* / No | | |
| Is the offer made subject to a Minimum Order Quantity? | | | | Yes\* / No | | |
| Are the Contractor Deliverables subject to IPR that has been exclusively or part funded by Private Venture, Foreign Investment or otherwise than by Authority funding? | | | | Yes\* / No | | |
| Are the Contractor Deliverables subject to Foreign Export Control and Security Restrictions? If the answer is Yes, please complete and attach DEFFORM 528 | | | | Yes\* / No | | |
| Have you obtained foreign export approval necessary to secure IP user rights for the Authority in Contract Deliverables, including technical data, as determined in the Contract Conditions? | | | | Yes\* / No | | |
| Have you provided details of how you willcomply with all regulations relating to the operation of the collection of custom import duties, including the proposed Customs procedure to be used and an estimate of duties to be incurred or suspended? | | | | Yes / No | | |
| Have you completed Form 1686 for sub-contracts? | | | | Yes / No | | |
| Have you completed the compliance matrix/ matrices? | | | | Yes / No / Not Required | | |
| Are you a Small Medium Sized Enterprise (SME)? | | | | Yes / No | | |
| Have you and your sub-contractors registered with the Prompt Payment Code with regards to SMEs? | | | | Yes / No | | |
| Have you completed and attached Tenderer’s Commercially Sensitive Information Form (DEFFORM 539A)? | | | | Yes / No | | |
| If you have not previously submitted a Statement Relating to Good Standing, or circumstances have changed have you attached a revised version? | | | | Yes\* / No / N/A | | |
| Do the Contractor Deliverables contain Asbestos, as defined by the control of Asbestos Regulations 2012? | | | | Yes\* / No | | |
| Have you completed and attached a DEFFORM 68 - Hazardous Articles, Deliverables materials or substances statement? | | | | Yes\* / No | | |
| Do the Contractor Deliverables (including Packaging) use Substances that deplete the Ozone Layer, as defined in Regulation (EC) 1005/2009 (as amended by [EC 744/2010](http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex%3A32010R0744)) of the European Parliament and of the Council. | | | | Yes\* / No | | |
| Have you attached The Bank / Parent Company Guarantee? | | | | Yes\* / No / Not Required | | |
| Have you complied with the requirements of the Military Aviation Authority Regulatory Articles? | | | | Yes / No / Not Required | | |
| Have you completed the additional Mandatory Requirements? | | | | Yes / No / Not Required | | |
| \*If selecting Yes to any of the above questions, please attach the information detailed in Appendix 1 to DEFFORM 47 Annex A (Offer). | | | | | | |
| **Tenderer’s Declaration of Compliance with Competition Law** | | | | | | |
| We certify that the offer made is intended to be genuinely competitive. No aspect of the price has been fixed or adjusted by any arrangement with any Third Party. Arrangement in this context includes any transaction, or agreement, private or open, or collusion, formal or informal, and whether or not legally binding. In particular:  a. the offered price has not been divulged to any Third Party,  b. no arrangement has been made with any Third Party that they should refrain from tendering,  c. no arrangement with any Third Party has been made to the effect that we will refrain from bidding on a future occasion,  d. no discussion with any Third Party has taken place concerning the details of either’s proposed price, and  e. no arrangement has been made with any Third Party otherwise to limit genuine competition.  We understand that any instances of illegal cartels or market sharing arrangements, or other anti-competitive practices, suspected by the Authority will be referred to the Competition and Markets Authority for investigation and may be subject to action under the Competition Act 1998 and the Enterprise Act 2002.  We understand that any misrepresentations may also be the subject of criminal investigation or used as the basis for civil action.  We agree that the Authority may share the Contractor’s information / documentation (submitted to the Authority during this Procurement) more widely within Government for the purpose of ensuring effective cross-Government procurement processes, including value for money and related purposes. We certify that we have identified any sensitive material in DEFFORM 539A. | | | | | | |
| **Dated this.................. day of ................................................................... Year ........................** | | | | | | |
| **Signature:**                    **In the capacity of**  **.......................................................................................................**  (Must be original)                    (State official position e.g. Director, Manager, Secretary etc.) | | | | | | |
| **Name:** (in BLOCK CAPITALS)  **duly authorised to sign this Tender for and on behalf of:**  (Tenderer's Name) | | | **Postal Address:**  **Telephone No:**  **Registered Company Number:**  **Dunn And Bradstreet number:** | | | |

**Appendix 1 to Annex A (Offer)**

**Edn07/18**

**Information on Mandatory Declarations**

**Part Tender**

1. Under Condition of Tendering F1, the Authority reserves the right to order some or part of your Tender. If your offer is subject to the Authority contracting for all the Contractor Deliverables, select ‘Yes’ and provide further details in your Tender.

**Minimum Order Quantities**

2. Where your offer is subject to minimum order quantities select ‘Yes’ and provide further details in your Tender.

**IPR Restrictions**

3. Where the Contractor Deliverables are subject to IPR that has been exclusively or part funded by Private Venture, Foreign Investment or otherwise than by Authority funding you must select ‘Yes’ in Annex A (Are the Contractor Deliverables subject to IPR that has been exclusively or part funded by Private Venture, Foreign Investment or otherwise than by Authority funding) .

4. If you have answered ‘Yes’ in Annex A (Offer) as directed by paragraph 3 above, you must provide details in your Tender of any Contractor Deliverable which will be, or is likely to be, subject to any IPR restrictions or any other restriction on the Authority’s ability to use or disclose the Contractor Deliverable, including export restrictions. In particular, you must identify:

a. any restriction on the provision of information to the Authority; any restriction on disclosure or the use of information by the Authority; any obligations to make payments in respect of IPR, and any Patent or Registered Design (or application for either) or other IPR (including unregistered Design Right) owned or controlled by you or a Third Party;

b. any allegation made against you, whether by claim or otherwise, of an infringement of Intellectual Property Rights (whether a Patent, Registered Design, unregistered Design Right, Copyright or otherwise) or of a breach of confidence, which relates to the performance of any resultant contract or subsequent use by or for the Authority of any Contractor Deliverables;

c. the nature of any allegation referred to under sub-paragraph 4.b., including any obligation to make payments in respect of the Intellectual Property Right of any confidential information and / or;

d. any action you need to take or the Authority is required to take to deal with the consequences of any allegation referred to under sub-paragraph 4.b.

5. You must, when requested, give the Authority details of every restriction and obligation referred to in paragraph 4. The Authority will not acknowledge any such restriction unless so notified under paragraph 4 or as otherwise agreed under any resultant Contract. You must also provide, on request, any information required for authorisation to be given under Section 2 of the Defence Contracts Act 1958.

6. If you have previously provided information under paragraphs 4 and 5 you can provide details of the previous notification, updated as necessary to confirm their validity.

**Notification of Foreign Export Control Restrictions**

7.   
If, in the performance of the Contract, you need to import into the UK or export out of the UK anything not supplied by or on behalf of the Authority and for which a UK import or export licence is required, you will be responsible for applying for the licence. The Authority will provide you with all reasonable assistance in obtaining any necessary UK import or export licence.

8. In respect of any Contractor Deliverables, likely to be required for the performance of any resultant contract, you must provide the following information in your Tender:

a. Whether all or part of any Contractor Deliverables are or will be subject to:

(1) a non-UK export licence, authorisation or exemption; or

(2) any other related transfer control that restricts or will restrict end use, end user, re-transfer or disclosure.

You must complete DEFFORM 528 (or other mutually agreed alternative format) in respect of any Contractor Deliverables identified at paragraph 8 and return it as part of your Tender. If you have previously provided this information you can provide details of the previous notification and confirm the validity.

9. You must use reasonable endeavours to obtain sufficient information from your potential supply chain to enable a full response to paragraph 8.. If you are unable to obtain adequate information, you must state this in your Tender. If you become aware at any time during the competition that all or part of any proposed Contractor Deliverable is likely to become subject to a non-UK Government Control through a Government-to-Government sale only, you must inform the Authority immediately by updating your previously submitted DEFFORM 528 or completing a new DEFFORM 528.

10. This does not include any Intellectual Property specific restrictions mentioned in paragraph 4.

11. You must notify the named Commercial Officer immediately if you are unable for whatever reason to abide by any restriction of the type referred to in paragraph 8.

12. Should you propose the supply of Contractor Deliverables of US origin the export of which from the USA is subject to control under the US International Traffic in Arms Regulations (ITAR), you must include details on the DEFFORM 528. This will allow the Authority to make a decision whether the export can or cannot be made under the US-UK Defense Trade Co-operation Treaty. The Authority shall then convey its decision to the Tenderer. If the Authority decides that use of the Treaty for the export is permissible, it is your responsibility to make a final decision whether you want to use that route for the export concerned if you are awarded the contract.

**Import Duty**

13. European Union (EU) legislation permits the use of various procedures to suspend customs duties.

14. For the purpose of this competition, for any deliverables not yet imported into the EU, you are required to provide details of your plans to address customs compliance, including the Customs procedures to be applied (together with the procedure code) and the estimated Import Duty to be incurred and / or suspended.

15. You should note that it is your responsibility to ensure compliance with all regulations relating to the operation of the accounting for import duties. This includes but is not limited to obtaining the appropriate Her Majesty’s Revenue & Customs (HMRC) authorisations.

**Sub-contracts Form 1686**

16. [Form 1686](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/367494/Contractual_Process_-_Appendix_5_form.doc) (also known as Appendix 5) is to be used in all circumstances where contractors wish to place a sub-contract with a contractor where the release of OFFICIAL-SENSITIVE information is involved. The process will require submission of the single page document either directly to the MOD Project Team or, where specified, to the DE&S Security Advice Centre. You can find further information in the [Security Policy Framework - Contractual Process](https://www.gov.uk/government/publications/security-policy-framework).

**Small and Medium Enterprises**

17. The Authority is committed to supporting the Government’s small and medium-sized enterprise (SME) initiative; its ambitious target is that every £1 in every £3 that the Government spends should be with small businesses by 2020. Our goal is that 25% of MOD spending should be spent with SMEs by 2020; this applies to the money which the MOD spends directly with SMEs and through the supply chain. The Authority uses the European Commission definition of an SME.

18. A key aspect of the Government’s SME Policy is ensuring that its suppliers throughout the supply chain are paid promptly.  All suppliers to the Authority and their sub-contractors are encouraged to make their own commitment and register with the [Prompt Payment Code](http://www.promptpaymentcode.org.uk/).

19. Suppliers are also encouraged to work with the Authority to support the Authority’s SME initiative. Information on the Authority’s purchasing arrangements, our commercial policies and our SME policy can be found at [Gov.UK](https://www.gov.uk/government/organisations/ministry-of-defence/about/procurement).

20. The opportunity also exists for Tenderers to advertise any sub-contract valued at over £10,000 in the MOD Contracts Bulletin and further details can be obtained directly from:

BiP Solutions Ltd

Web address: [www.contracts.mod.uk](http://www.contracts.mod.uk/feed)

Tel No: 0845 270 7099

**Transparency, Freedom of Information and Environmental Information Regulations**

21. You should be aware that the contents of any resultant contract may be published in line with government policy set out in the Prime Minister’s letter of May 2010 ([Government Transparency and Accountability](https://www.gov.uk/government/policies/government-transparency-and-accountability)) and the information contained within SC2 Conditions of Contract Clause.

22. Before publishing the contract, the Authority will redact any information which is exempt from disclosure under the Freedom of Information Act 2000 (“the FOIA”) or the Environmental Information Regulations 2002 (“the EIR”).

23. You should complete the attached Tenderer’s Commercially Sensitive Information Form (DEFFORM 539A or SC1B Schedule 4 or SC2 Schedule 5) explaining which parts of your Tender you consider to be commercially sensitive. This includes providing a named individual who can be contacted with regard to FOIA and EIR.

24. You should note that while your views will be taken into consideration, the ultimate decision whether to publish or disclose information lies with the Authority. You are advised to provide as much detail as possible on the form. It is highly unlikely that a Tender will be exempt from disclosure in its entirety. Should the Authority decide to publish or disclose information against your wishes, you will be given prior notification.

**Electronic Purchasing**

25. Tenderers must note that use of the [Contracting, Purchasing and Finance (CP&F)](https://www.gov.uk/government/publications/mod-contracting-purchasing-and-finance-e-procurement-system) electronic procurement tool is a mandatory requirement for any resultant contract awarded following this Tender. By submitting this Tender you agree to electronic payment. Please feel free to consult the service provider on connectivity options. Failure to accept electronic payment will result in your Tender being non-compliant.

**Change of Circumstances**

26. If you have not previously submitted a Statement Relating to Good Standing or circumstances have changed, please select ‘Yes’ and submit a Statement Relating to Good Standing with your Tender.

**Asbestos, Hazardous Items and Depletion of the Ozone Layer**

27. The Authority is required to report any items that use asbestos, that are hazardous or where there is an impact on the Ozone. Where any Contractor Deliverables fall into one of these categories select ‘Yes’ and provide further details in your Tender.

**Military Aviation Authority (MAA) Requirements**

28. In July 2011 the Military Aviation Authority (MAA) launched a new set of Regulatory Publications. Key to these is the Regulatory Articles (RA), which prescribe Acceptable Means of Compliance (AMC) for each separate Regulation. Where there are MAA Requirements Tenderers who wish to propose an alternative means of compliance must obtain agreement in principle from the MAA (through the Project team) in advance of submitting their Tender. AMC are strongly recommended practices and a justification will be required if they are not followed. Tenderers must consult the MAA where there is more than one AMC. You must confirm how you intend to comply with the RA, and the date you consulted with the MAA.

**Bank or Parent Company Guarantee**

29.        A Parent Company or Bank Guarantee may be required. In the event that your tender is identified as the most favourable / compliant tender, but MOD assesses that a Parent Company or Bank Guarantee is required, then one will be requested (in the form of DEFFORM 24 / 24A as appropriate). No contract will awarded until a suitable Parent Company or Bank Guarantee, as appropriate, is in place.

**The Armed Forces Covenant**

30. The Armed Forces Covenant is a promise from the nation to those who serve, or who have served, and their families, to ensure that they are treated fairly and are not disadvantaged in their day to day lives as a result of their service.

31. The Covenant is based on two principles:

a. the Armed Forces community would not face disadvantages when compared to other citizens in the provision of public and commercial services; and

b. special consideration is appropriate in some cases, especially for those who have given most such as the injured and the bereaved.

The Authority encourages all Tenderers, and their suppliers, to sign the Armed Forces Covenant, declaring their support for the Armed Forces community by displaying the values and behaviours set out therein.

32. [The Armed Forces Covenant](https://www.gov.uk/government/policies/armed-forces-covenant) provides guidance on the various ways you can demonstrate your support through your Covenant pledges and how by engaging with the Covenant and Armed Forces such as employing Reservists, a company or organization can also see real benefits in their business.

33. If you wish to register your support you can provide a point of contact for your company on this issue to the Armed Forces Covenant Team at the address below, so that the MOD can alert you to any events or initiatives in which you may wish to participate. The Covenant Team can also provide any information you require in addition to that included on the website.

Email address: [employerrelations@rfca.mod.uk](mailto:employerrelations@rfca.mod.uk)

Address:         Defence Relationship Management

Ministry of Defence

Holderness House

51-61 Clifton Street

London, EC2A 4EY

34. Paragraphs 30 – 33 above are not a condition of working with the Authority now or in the future, nor will this issue form any part of the tender review, contract award procedure or any resulting contract. However, the Authority very much hopes you will want to provide your support.

**Standardised Contracting Terms**

**SC2**

**GENERAL CONDITIONS**

**1.** **General**

a. The defined terms in the Contract shall be as set out in Schedule 1.

b. The Contractor shall comply with all applicable Legislation, whether specifically referenced in this Contract or not.

c. The Contractor warrants and represents, that:

(1) it has the full capacity and authority to enter into, and to exercise its rights and perform its obligations under, the Contract;

(2) from the Effective Date of Contract and for so long as the Contract remains in force it shall give the Authority Notice of any litigation, arbitration (unless expressly prohibited from doing so in accordance with the terms of the arbitration), administrative or adjudication or mediation proceedings before any court, tribunal, arbitrator, administrator or adjudicator or mediator or relevant authority against itself or a Subcontractor which would adversely affect the Contractor's ability to perform its obligations under the Contract;

(3) as at the Effective Date of Contract no proceedings or other steps have been taken and not discharged (nor, to the best of the knowledge of the Contractor, threatened) for its winding-up or dissolution or for the appointment of a receiver, administrative receiver, administrator, liquidator, trustee or similar officer in relation to any of its assets or revenues;

(4) for so long as the Contract remains in force it shall give the Authority Notice of any proceedings or other steps that have been taken but not discharged (nor to the best of the knowledge of the Contractor, threatened) for its winding-up or dissolution or for the appointment of a receiver, administrator, liquidator, trustee or similar officer in relation to any of its assets or revenues.

d. Unless the context otherwise requires:

(1) The singular includes the plural and vice versa, and the masculine includes the feminine and vice versa.

(2) The words “include”, “includes”, “including” and “included” are to be construed as if they were immediately followed by the words “without limitation”, except where explicitly stated otherwise.

(3) The expression “person” means any individual, firm, body corporate, unincorporated association or partnership, government, state or agency of a state or joint venture.

(4) References to any statute, enactment, order, regulation, or other similar instrument shall be construed as a reference to the statute, enactment, order, regulation, or instrument as amended, supplemented, replaced or consolidated by any subsequent statute, enactment, order, regulation, or instrument.

(5) The heading to any Contract provision shall not affect the interpretation of that provision.

(6) Any decision, act or thing which the Authority is required or authorised to take or do under the Contract may be taken or done only by the person (or their nominated deputy) authorised in Schedule 3 (Contract Data Sheet) to take or do that decision, act, or thing on behalf of the Authority.

(7) Unless excluded within the Conditions of the Contract or required by law, references to submission of documents in writing shall include electronic submission.

**2.** **Duration of Contract**

This Contract comes into effect on the Effective Date of Contract and will expire automatically on the date identified in Schedule 3 (Contract Data Sheet) unless it is otherwise terminated in accordance with the provisions of the Contract, or otherwise lawfully terminated.

**3.** **Entire Agreement**

This Contract constitutes the entire agreement between the Parties relating to the subject matter of the Contract. The Contract supersedes, and neither Party has relied upon, any prior negotiations, representations and undertakings, whether written or oral, except that this condition shall not exclude liability in respect of any fraudulent misrepresentation.

**4.** **Governing Law**

a. Subject to clause 4.d, the Contract shall be considered as a contract made in England and subject to English Law.

b. Subject to clause 4.d and 40 (Dispute Resolution) and without prejudice to the dispute resolution process set out therein, each Party submits and agrees to the exclusive jurisdiction of the Courts of England to resolve, and the laws of England to govern, any actions proceedings, controversy or claim of whatever nature arising out of or relating to the Contract or breach thereof.

c. Subject to clause 4.d any dispute arising out of or in connection with the Contract shall be determined within the English jurisdiction and to the exclusion of all other jurisdictions save that other jurisdictions may apply solely for the purpose of giving effect to this condition 4 and for the enforcement of any judgment, order or award given under English jurisdiction.

d. If the Parties agree pursuant to the Contract that Scots Law should apply then the following amendments shall apply to the Contract:

(1) Clause 4.a, 4.b and 4.c shall be amended to read:

“a. The Contract shall be considered as a contract made in Scotland and subject to Scots Law.

b. Subject to condition 40 (Dispute Resolution) and without prejudice to the dispute resolution process set out therein, each Party submits and agrees to the exclusive jurisdiction of the Courts of Scotland to resolve, and the laws of Scotland to govern, any actions, proceedings, controversy or claim of whatever nature arising out of or relating to the Contract or breach thereof.

c. Any dispute arising out of or in connection with the Contract shall be determined within the Scottish jurisdiction and to the exclusion of all other jurisdictions save that other jurisdictions may apply solely for the purpose of giving effect to this condition 4 and for the enforcement of any judgment, order or award given under Scottish jurisdiction.”

Clause 40.b shall be amended to read:

“In the event that the dispute or claim is not resolved pursuant to clause 40.a the dispute shall be referred to arbitration. Unless otherwise agreed in writing by the Parties, the arbitration and this clause 40.b shall be governed by the Arbitration (Scotland) Act 2010. The seat of the arbitration shall be Scotland. For the avoidance of doubt, for the purpose of arbitration the tribunal shall have the power to make provisional awards pursuant to Rule 53 of the Scottish Arbitration Rules, as set out in Schedule 1 to the Arbitration (Scotland) Act 2010.”

e. Each Party warrants to each other that entry into the Contract does not, and the performance of the Contract will not, in any way violate or conflict with any provision of law, statute, rule, regulation, judgement, writ, injunction, decree or order applicable to it. Each Party also warrants that the Contract does not conflict with or result in a breach or termination of any provision of, or constitute a default under, any mortgage, contract or other liability, charge or encumbrance upon any of its properties or other assets.

f. Each Party agrees with each other Party that the provisions of this condition 4 shall survive any termination of the Contract for any reason whatsoever and shall remain fully enforceable as between the Parties notwithstanding such a termination.

g. Where the Contractor’s place of business is not in England or Wales (or Scotland where the Parties agree pursuant to this Contract that Scots Law should apply), the Contractor irrevocably appoints the solicitors or other persons in England and Wales (or Scotland where the Parties agree pursuant to the Contract that Scots Law should apply) detailed in Schedule 3 (Contract Data Sheet) as its agents to accept on its behalf service of all process and other documents of whatever description to be served on the Contractor in connection with any litigation or arbitration within the English jurisdiction (or Scottish jurisdiction where the Parties agree pursuant to this Contract that Scots Law should apply) arising out of or relating to the Contract or any issue connected therewith.

**5.** **Precedence**

a. If there is any inconsistency between the different provisions of the Contract the inconsistency shall be resolved according to the following descending order of precedence:

(1) Conditions 1 - 44 (and 45 - 47, if included in this Contract) of the Conditions of the Contract shall be given equal precedence with Schedule 1 (Definitions of Contract) and Schedule 3 (Contract Data Sheet);

(2) Schedule 2 (Schedule of Requirements) and Schedule 8 (Acceptance Procedure);

(3) the remaining Schedules; and

(4) any other documents expressly referred to in the Contract.

b. If either Party becomes aware of any inconsistency within or between the documents referred to in clause 5.a such Party shall notify the other Party forthwith and the Parties will seek to resolve that inconsistency on the basis of the order of precedence set out in clause 5.a. Where the Parties fail to reach agreement, and if either Party considers the inconsistency to be material to its rights and obligations under the Contract, then the matter will be referred to the dispute resolution procedure in accordance with condition 40 (Dispute Resolution).

**6.** **Amendments to Contract**

a. Except as provided in condition 31 all amendments to this Contract shall be serially numbered, in writing, issued only by the Authority’s Representative (Commercial), and agreed by both Parties.

b. Where the Authority or the Contractor wishes to introduce a change which is not minor or which is likely to involve a change to the Contract Price, the provisions of Schedule 4 (Contract Change Control Procedure) shall apply. The Contractor shall not carry out any work until any necessary change to the Contract Price has been agreed and a written amendment in accordance with clause 6.a above has been issued.

**7.** **Variations to Specification**

a. The Authority’s Representative may, by Notice (following consultation with the Contractor as necessary), alter the Specification as from a date agreed by both Parties and to the extent specified by the Authority, provided that any such variations shall be limited to the extent that they do not alter the fit, form, function or characteristics of the Contractor Deliverables to be supplied under the Contract. The Contractor shall ensure that the Contractor Deliverables take account of any such variations. Such variations shall not require formal amendment of the Contract in accordance with the process set out in condition 6 (Amendments to Contract) and shall be implemented upon receipt, or at the date specified in the Authority’s Notice, unless otherwise specified.

b. Any variations that cause a change to:

(1) fit, form, function or characteristics of the Contractor Deliverables;

(2) the cost;

(3) Delivery Dates;

(4) the period required for the production or completion; or

(5) other work caused by the alteration,

shall be the subject to condition 6 (Amendments to Contract). Each amendment under condition 6 shall be classed as a formal change.

**8.** **Authority Representatives**

a. Any reference to the Authority in respect of:

(1) the giving of consent;

(2) the delivering of any Notices; or

(3) the doing of any other thing that may reasonably be undertaken by an individual acting on behalf of the Authority, shall be deemed to be references to the Authority's Representatives in accordance with this condition 8.

b. The Authority’s Representatives detailed in Schedule 3 (Contract Data Sheet) (or their nominated deputy) shall have full authority to act on behalf of the Authority for all purposes of the Contract. Unless notified in writing before such act or instruction, the Contractor shall be entitled to treat any act of the Authority’s Representatives which is authorised by the Contract as being expressly authorised by the Authority and the Contractor shall not be required to determine whether authority has in fact been given.

c. In the event of any change to the identity of the Authority’s Representatives, the Authority shall provide written confirmation to the Contractor, and shall update Schedule 3 (Contract Data Sheet) in accordance with condition 6 (Amendments to Contract).

**9.** **Severability**

a. If any provision of the Contract is held to be invalid, illegal or unenforceable to any extent then:

(1) such provision shall (to the extent that it is invalid, illegal or unenforceable) be given no effect and shall be deemed not to be included in the Contract but without invalidating any of the remaining provisions of the Contract; and

(2) the Parties shall use all reasonable endeavours to replace the invalid, illegal or unenforceable provision by a valid, legal and enforceable substitute provision the effect of which is as close as possible to the intended effect of the invalid, illegal or unenforceable provision.

**10.** **Waiver**

a. No act or omission of either Party shall by itself amount to a waiver of any right or remedy unless expressly stated by that Party in writing. In particular, no reasonable delay in exercising any right or remedy shall by itself constitute a waiver of that right or remedy.

b. No waiver in respect of any right or remedy shall operate as a waiver in respect of any other right or remedy.

**11.** **Assignment of Contract**

Neither Party shall be entitled to assign the Contract (or any part thereof) without the prior written consent of the other Party.

**12.** **Third Party Rights**

Notwithstanding anything to the contrary elsewhere in the Contract, no right is granted to any person who is not a Party to the Contract to enforce any term of the Contract in its own right and the Parties to the Contract declare that they have no intention to grant any such right.

**13.** **Transparency**

a. Subject to clause 13.b but notwithstanding condition 14 (Disclosure of Information), the Contractor understands that the Authority may publish the Transparency Information to the general public. The Contractor shall assist and cooperate with the Authority to enable the Authority to publish the Transparency Information.

b. Before publishing the Transparency Information to the general public in accordance with clause 13.a, the Authority shall redact any Information that would be exempt from disclosure if it was the subject of a request for Information under the Freedom of Information Act 2000 or the Environmental Information Regulations 2004, and any Information which has been acknowledged by the Authority at Schedule 5 – Contractor’s Commercially Sensitive Information.

c. The Authority may consult with the Contractor before redacting any Information from the Transparency Information in accordance with clause 13.b. The Contractor acknowledges and accepts that its representations on redactions during consultation may not be determinative and that the decision whether to redact Information is a matter in which the Authority shall exercise its own discretion, subject always to the provisions of the Freedom of Information Act 2000 or the Environmental Information Regulations 2004.

d. For the avoidance of doubt, nothing in this condition 13 shall affect the Contractor’s rights at law.

**14.** **Disclosure of Information**

a. Subject to clauses 14.d, 14.e, 14.h and condition 13 each Party:

(1) shall treat in confidence all Information it receives from the other;

(2) shall not disclose any of that Information to any third party without the prior written consent of the other Party, which consent shall not unreasonably be withheld, except that the Contractor may disclose Information in confidence, without prior consent, to such persons and to such extent as may be necessary for the performance of the Contract;

(3) shall not use any of that Information otherwise than for the purpose of the Contract; and

(4) shall not copy any of that Information except to the extent necessary for the purpose of exercising its rights of use and disclosure under the Contract.

b. The Contractor shall take all reasonable precautions necessary to ensure that all Information disclosed to the Contractor by or on behalf of the Authority under or in connection with the Contract:

(1) is disclosed to its employees and Subcontractors, only to the extent necessary for the performance of the Contract; and

(2) is treated in confidence by them and not disclosed except with the prior written consent of the Authority or used otherwise than for the purpose of performing work or having work performed for the Authority under the Contract or any subcontract.

c. The Contractor shall ensure that its employees are aware of the Contractor’s arrangements for discharging the obligations at clauses 14.a and 14.b before receiving Information and shall take such steps as may be reasonably practical to enforce such arrangements.

d. Clauses 14.a and 14.b shall not apply to any Information to the extent that either Party:

(1) exercises rights of use or disclosure granted otherwise than in consequence of, or under, the Contract;

(2) has the right to use or disclose the Information in accordance with other Conditions of the Contract; or

(3) can show:

(a) that the Information was or has become published or publicly available for use otherwise than in breach of any provision of the Contract or any other agreement between the Parties;

(b) that the Information was already known to it (without restrictions on disclosure or use) prior to receiving the Information under or in connection with the Contract;

(c) that the Information was received without restriction on further disclosure from a third party which lawfully acquired the Information without any restriction on disclosure; or

(d) from its records that the same Information was derived independently of that received under or in connection with the Contract;

provided that the relationship to any other Information is not revealed.

e. Neither Party shall be in breach of this condition where it can show that any disclosure of Information was made solely and to the extent necessary to comply with a statutory, judicial or parliamentary obligation. Where such a disclosure is made, the Party making the disclosure shall ensure that the recipient of the Information is made aware of and asked to respect its confidentiality. Such disclosure shall in no way diminish the obligations of the Parties under this condition.

f. The Authority may disclose the Information:

(1) on a confidential basis to any Central Government Body for any proper purpose of the Authority or of the relevant Central Government Body, which shall include: disclosure to the Cabinet Office and/or HM Treasury for the purpose of ensuring effective cross-Government procurement processes, including value for money and related purposes;

(2) to Parliament and Parliamentary Committees or if required by any Parliamentary reporting requirement;

(3) to the extent that the Authority (acting reasonably) deems disclosure necessary or appropriate in the course of carrying out its public functions;

(4) on a confidential basis to a professional adviser, consultant or other person engaged by any of the entities defined in Schedule 1 (including benchmarking organisations) for any purpose relating to or connected with this Contract;

(5) on a confidential basis for the purpose of the exercise of its rights under the Contract; or

(6) on a confidential basis to a proposed body in connection with any assignment, novation or disposal of any of its rights, obligations or liabilities under the Contract;

and for the purposes of the foregoing, references to disclosure on a confidential basis shall mean disclosure subject to a confidentiality agreement or arrangement containing terms no less stringent than those placed on the Authority under this condition.

g. Before sharing any Information in accordance with clause 14.f, the Authority may redact the Information. Any decision to redact Information made by the Authority shall be final.

h. The Authority shall not be in breach of the Contract where disclosure of Information is made solely and to the extent necessary to comply with the Freedom of Information Act 2000 (the “Act”) or the Environmental Information Regulations 2004 (the “Regulations”). To the extent permitted by the time for compliance under the Act or the Regulations, the Authority shall consult the Contractor where the Authority is considering the disclosure of Information under the Act or the Regulations and, in any event, shall provide prior notification to the Contractor of any decision to disclose the Information. The Contractor acknowledges and accepts that its representations on disclosure during consultation may not be determinative and that the decision whether to disclose Information in order to comply with the Act or the Regulations is a matter in which the Authority shall exercise its own discretion, subject always to the provisions of the Act or the Regulations.

i. Nothing in this condition shall affect the Parties' obligations of confidentiality where Information is disclosed orally in confidence.

**15.** **Publicity and Communications with the Media**

The Contractor shall not and shall ensure that any employee or Subcontractor shall not communicate with representatives of the press, television, radio or other media on any matter concerning the Contract unless the Authority has given its prior written consent.

**16.** **Change of Control of Contractor**

a. The Contractor shall notify the Representative of the Authority at the address given in clause 16.b, as soon as practicable, in writing of any intended, planned or actual change in control of the Contractor. The Contractor shall not be required to submit any notice which is unlawful or is in breach of either any pre-existing non-disclosure agreement or any regulations governing the conduct of the Contractor in the UK or other jurisdictions where the Contractor may be subject to legal sanction arising from issuing such a notice.

b. Each notice of change of control shall be taken to apply to all contracts with the Authority. Notices shall be submitted to:

Mergers & Acquisitions Section

Strategic Supplier Management Team

Spruce 3b # 1301

MOD Abbey Wood,

Bristol, BS34 8JH

The Representative of the Authority shall consider the notice of change of control and advise the Contractor in writing of any concerns the Authority may have. Such concerns may include but are not limited to potential threats to national security, the ability of the Authority to comply with its statutory obligations or matters covered by the declarations made by the Contractor prior to Contract Award.

c. The Authority may terminate the Contract by giving written notice to the Contractor within six months of the Authority being notified in accordance with clause 16.a. The Authority shall act reasonably in exercising its right of termination under this condition.

d. If the Authority exercises its right to terminate in accordance with clause 16.c the Contractor shall be entitled to request the Authority to consider making a payment representing any commitments, liabilities or expenditure incurred by the Contractor in connection with the Contract up to the point of termination. Such commitments, liabilities or expenditure shall be reasonably and properly chargeable by the Contractor, and shall otherwise represent an unavoidable loss by the Contractor by reason of the termination of the Contract. Any payment under this clause 16.d must be fully supported by documentary evidence. The decision whether to make such a payment shall be at the Authority’s sole discretion.

e. Notification by the Contractor of any intended, planned or actual change of control shall not prejudice the existing rights of the Authority or the Contractor under the Contract nor create or imply any rights of either the Contractor or the Authority additional to the Authority’s rights set out in this condition.

**17.** **Environmental Requirements**

The Contractor shall in all its operations to perform the Contract, adopt a sound proactive environmental approach that identifies, considers, and where possible, mitigates the environmental impacts of its supply chain. The Contractor shall provide evidence of so doing to the Authority on demand.

**18.** **Contractor’s Records**

a. The Contractor and its sub-contractors shall maintain all records specified in and connected with the Contract (expressly or otherwise) and make them available to the Authority when requested on reasonable notice.

b. The Contractor and its sub-contractors shall also permit access to relevant records that relate to the contractual obligations to supply goods or services under the Contract, held by or controlled by them and reasonably required by the Comptroller and Auditor General, their staff and any appointed representative of the National Audit Office, and provide such explanations and information as reasonably necessary for the following purposes:

(1) to enable the National Audit Office to carry out the Authority’s statutory audits and to examine and/or certify the Authority’s annual and interim report and accounts; and

(2) to enable the National Audit Office to carry out an examination pursuant to Part II of the National Audit Act 1983 of the economy, efficiency and effectiveness with which the Authority has used its resources.

c. With regard to the records made available to the Authority under clause 1 of this Condition, and subject to the provisions of SC2 conditions of contract clause 14, the Contractor shall permit records to be examined and if necessary copied, by the Authority, or Representative of the Authority, as the Authority may require.

d. Unless the Contract specifies otherwise the records referred to in this Condition shall be retained for a period of at least 6 years from:

(1) the end of the Contract term;

(2) termination of the Contract; or

(3) the final payment

whichever occurs latest.

**19.** **Notices**

a. A Notice served under the Contract shall be:

(1) in writing in the English Language;

(2) authenticated by signature or such other method as may be agreed between the Parties;

(3) sent for the attention of the other Party’s Representative, and to the address set out in Schedule 3 (Contract Data Sheet);

(4) marked with the number of the Contract; and

(5) delivered by hand, prepaid post (or airmail), facsimile transmission or, if agreed in Schedule 3 (Contract Data Sheet), by electronic mail.

b. Notices shall be deemed to have been received:

(1) if delivered by hand, on the day of delivery if it is a Business Day in the place of receipt, and otherwise on the first Business Day in the place of receipt following the day of delivery;

(2) if sent by prepaid post, on the fourth Business Day (or the tenth Business Day in the case of airmail) after the day of posting;

(3) if sent by facsimile or electronic means:

(a) if transmitted between 09:00 and 17:00 hours on a Business Day (recipient’s time) on completion of receipt by the sender of verification of the transmission from the receiving instrument; or

(b) if transmitted at any other time, at 09:00 on the first Business Day (recipient’s time) following the completion of receipt by the sender of verification of transmission from the receiving instrument.

**20.** **Progress Monitoring, Meetings and Reports**

a. The Contractor shall attend progress meetings at the frequency or times (if any) specified in Schedule 3 (Contract Data Sheet) and shall ensure that its Contractor’s Representatives are suitably qualified to attend such meetings.

b. The Contractor shall submit progress reports to the Authority’s Representatives at the times and in the format (if any) specified in Schedule 3 (Contract Data Sheet). The reports shall detail as a minimum:

(1) performance/Delivery of the Contractor Deliverables;

(2) risks and opportunities;

(3) any other information specified in Schedule 3 (Contract Data Sheet); and

(4) any other information reasonably requested by the Authority.

**SUPPLY OF CONTRACTOR DELIVERABLES**

**21.** **Supply of Contractor Deliverables and Quality Assurance**

a. The Contractor shall provide the Contractor Deliverables to the Authority, in accordance with the Schedule of Requirements and the Specification, and shall allocate sufficient resource to the provision of the Contractor Deliverables to enable it to comply with this obligation.

b. The Contractor shall:

(1) comply with any applicable quality assurance requirements specified in Schedule 3 (Contract Data Sheet) in providing the Contractor Deliverables; and

(2) discharge its obligations under the Contract with all due skill, care, diligence and operating practice by appropriately experienced, qualified and trained personnel.

c. The provisions of clause 21.b. shall survive any performance, acceptance or payment pursuant to the Contract and shall extend to any remedial services provided by the Contractor.

d. The Contractor shall:

(1) observe, and ensure that the Contractor’s Team observe, all health and safety rules and regulations and any other security requirements that apply at any of the Authority’s premises;

(2) notify the Authority as soon as it becomes aware of any health and safety hazards or issues which arise in relation to the Contractor Deliverables; and

(3) before the date on which the Contractor Deliverables are to start, obtain, and at all times maintain, all necessary licences and consents in relation to the Contractor Deliverables.

**22.** **Marking of Contractor Deliverables**

a. Each Contractor Deliverable shall be marked in accordance with the requirements specified in Schedule 3 (Contract Data Sheet), if no such requirement is specified, the Contractor shall mark each Contractor Deliverable clearly and indelibly in accordance with the requirements of the relevant DEF-STAN 05-132 as specified in the contract or specification. In the absence of such requirements, the Contractor Deliverables shall be marked with the MOD stock reference, NATO Stock Number (NSN) or alternative reference number specified in Schedule 2 (Schedule of Requirements).

b. Any marking method used shall not have a detrimental effect on the strength, serviceability or corrosion resistance of the Contractor Deliverables.

c. The marking shall include any serial numbers allocated to the Contractor Deliverable.

d. Where because of its size or nature it is not possible to mark a Contractor Deliverable with the required particulars, the required information should be included on the package or carton in which the Contractor Deliverable is packed, in accordance with condition 23 (Packaging and Labelling (excluding Contractor Deliverables containing Munitions)).

**23.** **Packaging and Labelling (excluding Contractor Deliverables containing Munitions)**

a. Packaging responsibilities are as follows:

(1) The Contractor shall be responsible for providing Packaging which fully complies with the requirements of the Contract.

(2) The Authority shall indicate in the Contract the standard or level of Packaging required for each Contractor Deliverable, including the PPQ. If a standard or level of Packaging (including the PPQ) is not indicated in the Contract, the Contractor shall request such instructions from the Authority before proceeding further.

(3) The Contractor shall ensure all relevant information necessary for the effective performance of the Contract is made available to all subcontractors.

(4) Where the Contractor or any of their subcontractors have concerns relating to the appropriateness of the Packaging design and or MPL prior to manufacture or supply of the Contractor Deliverables they shall use DEFFORM 129B to feedback these concerns to the Contractor or Authority, as appropriate.

b. The Contractor shall supply Commercial Packaging meeting the standards and requirements of Def Stan 81-041 (Part 1). In addition the following requirements apply:

(1) The Contractor shall provide Packaging which:

(a) will ensure that each Contractor Deliverable may be transported and delivered to the consignee named in the Contract in an undamaged and serviceable condition; and

(b) is labelled to enable the contents to be identified without need to breach the package; and

(c) is compliant with statutory requirements and this Condition.

(2) The Packaging used by the Contractor to supply identical or similar Contractor Deliverables to commercial customers or to the general public (i.e. point of sale packaging) will be acceptable, provided that it complies with the following criteria:

(a) reference in the Contract to a PPQ means the quantity of a Contractor Deliverable to be contained in an individual package, which has been selected as being the most suitable for issue(s) to the ultimate user;

(b) Robust Contractor Deliverables, which by their nature require minimal or no packaging for commercial deliveries, shall be regarded as "PPQ packages" and shall be marked in accordance with Clauses 23.i to 23.l. References to "PPQ packages" in subsequent text shall be taken to include Robust Contractor Deliverables; and

(c) for ease of handling, transportation and delivery, packages which contain identical Contractor Deliverables may be bulked and overpacked, in accordance with clauses 23.i to 23.k.

c. The Contractor shall ascertain whether the Contractor Deliverables being supplied are, or contain, Dangerous Goods, and shall supply the Dangerous Goods in accordance with:

(1) The Health and Safety At Work Act 1974 (as amended);

(2) The Classification Hazard Information and Packaging for Supply Regulations (CHIP4) 2009 (as amended);

(3) The REACH Regulations 2007 (as amended); and

(4) The Classification, Labelling and Packaging Regulations (CLP) 2009 (as amended).

d. The Contractor shall package the Dangerous Goods as limited quantities, excepted quantities or similar derogations, for UK or worldwide shipment by all modes of transport in accordance with the regulations relating to the Dangerous Goods and:

(1) The Safety Of Lives At Sea Regulations (SOLAS) 1974 (as amended); and

(2) The Air Navigation Order.

e. As soon as possible, and in any event no later than one month before delivery is due, the Contractor shall provide a Safety Data Sheet in respect of each Dangerous Good in accordance with the REACH Regulations 2007 (as amended) and the Health and Safety At Work Act 1974 (as amended) and in accordance with condition 24 (Supply of Hazardous Materials or Substances in Contractor Deliverables).

f. The Contractor shall comply with the requirements for the design of MLP which include clauses 23.f and 23.g as follows:

(1) Where there is a requirement to design UK or NATO MLP, the work shall be undertaken by an MPAS registered organisation, or one that although non-registered is able to demonstrate to the Authority that its quality systems and military package design expertise are of an equivalent standard.

(a) The MPAS certification (for individual designers) and registration (for organisations) scheme details are available from:

DES SEOC SCP-SptEng-Pkg

MOD Abbey Wood

Bristol, BS34 8JH

Tel. +44(0)30679-35353

DESSEOCSCP-SptEng-PKg@mod.uk

(b) The MPAS Documentation is also available on the DStan website.

(2) MLP shall be designed to comply with the relevant requirements of Def Stan 81-041, and be capable of meeting the appropriate test requirements of Def Stan 81-041 (Part 3). Packaging designs shall be prepared on a SPIS, in accordance with Def Stan 81-041 (Part 4).

(3) The Contractor shall ensure a search of the SPIS index (the ‘SPIN’) is carried out to establish the SPIS status of each requirement (using DEFFORM 129a ‘Application for Packaging Designs or their Status’).

(4) New designs shall not be made where there is an existing usable SPIS, or one that may be easily modified.

(5) Where there is a usable SFS, it shall be used in place of a SPIS design unless otherwise stated by the Contract. When an SFS is used or replaces a SPIS design, the Contractor shall upload this information on to SPIN in Adobe PDF.

(6) All SPIS, new or modified (and associated documentation), shall, on completion, be uploaded by the Contractor on to SPIN. The format shall be Adobe PDF.

(7) Where it is necessary to use an existing SPIS design, the Contractor shall ensure the Packaging manufacturer is a registered organisation in accordance with clause 23.f(1) above, or if un-registered, is compliant with MPAS ANNEX A Supplement (Code) M. The Contractor shall ensure, as far as possible, that the SPIS is up to date.

(8) The documents supplied under clause 23.f(6) shall be considered as a contract data requirement and be subject to the terms of DEFCON 15 and DEFCON 21.

g. Unless otherwise stated in the Contract, one of the following procedures for the production of new or modified SPIS designs shall be applied:

(1) If the Contractor or their subcontractor is the PDA they shall:

(a) On receipt of instructions received from the Authority’s representative nominated in Box 2 of DEFFORM 111 at Annex A to Schedule 3 (Contract Data Sheet), prepare the required package design in accordance with clause 23.f.

(b) Where the Contractor or their subcontractor is registered they shall, on completion of any design work, provide the Authority with the following documents electronically:

i. a list of all SPIS which have been prepared or revised against the Contract; and

ii. a copy of all new / revised SPIS, complete with all continuation sheets and associated drawings, where applicable, to be uploaded onto SPIN.

(c) Where the PDA is not a registered organisation, then they shall obtain approval for their design from a registered organisation before proceeding, then follow clause 23.g(1)(b).

(2) Where the Contractor or their subcontractor is not the PDA and is un-registered, they shall not produce, modify, or update SPIS designs. They shall obtain current SPIS design(s) from the Authority or a registered organisation before proceeding with manufacture of Packaging. To allow designs to be provided in ample time, they should apply for SPIS designs as soon as practicable.

(3) Where the Contractor or their subcontractor is un-registered and has been given authority to produce, modify, and update SPIS designs by the Contract, he shall obtain approval for their design from a registered organisation using DEFFORM 129a before proceeding, then follow clause 23.g(1)(b).

(4) Where the Contractor or their subcontractor is not a PDA but is registered, he shall follow clauses 23.g(1)(a) and 23.g(1)(b).

h. If special jigs, tooling etc., are required for the production of MLP, the Contractor shall obtain written approval from the Commercial Officer before providing them. Any approval given will be subject to the terms of DEFCON 23 (SC2) or equivalent condition, as appropriate.

i. In addition to any marking required by international or national legislation or regulations, the following package labelling and marking requirements apply:

(1) If the Contract specifies UK or NATO MPL, labelling and marking of the packages shall be in accordance with Def Stan 81-041 (Part 6) and this Condition as follows:

(a) Labels giving the mass of the package, in kilograms, shall be placed such that they may be clearly seen when the items are stacked during storage.

(b) Each consignment package shall be marked with details as follows:

i. name and address of consignor;

ii. name and address of consignee (as stated in the Contract or order);

iii. destination where it differs from the consignee's address, normally either:

(i). delivery destination / address; or

(ii). transit destination, where delivery address is a point for aggregation / disaggregation and / or onward shipment elsewhere, e.g. railway station, where that mode of transport is used;

iv. the unique order identifiers and the CP&F Delivery Label / Form which shall be prepared in accordance with DEFFORM 129J.

(i). If aggregated packages are used, their consignment marking and identification requirements are stated at clause 23.l.

(2) If the Contract specifies Commercial Packaging, an external surface of each PPQ package and each consignment package, if it contains identical PPQ packages, shall be marked, using details of the Contractor Deliverables as shown in the Contract schedule, to state the following:

(a) description of the Contractor Deliverable;

(b) the full thirteen digit NATO Stock Number (NSN);

(c) the PPQ;

(d) maker's part / catalogue, serial and / or batch number, as appropriate;

(e) the Contract and order number when applicable;

(f) the words “Trade Package” in bold lettering, marked in BLUE in respect of trade packages, and BLACK in respect of export trade packages;

(g) shelf life of item where applicable;

(h) for rubber items or items containing rubber, the quarter and year of vulcanisation or manufacture of the rubber product or component (marked in accordance with Def Stan 81-041);

(i) any statutory hazard markings and any handling markings, including the mass of any package which exceeds 3kg gross; and

(j) any additional markings specified in the Contract.

j. Bar code marking shall be applied to the external surface of each consignment package and to each PPQ package contained therein. The default symbology shall be as specified in Def Stan 81-041 (Part 6). As a minimum the following information shall be marked on packages:

(1) the full 13-digit NSN;

(2) denomination of quantity (D of Q);

(3) actual quantity (quantity in package);

(4) manufacturer's serial number and / or batch number, if one has been allocated; and

(5) the CP&F-generated unique order identifier.

k. Requirements for positioning bar codes in relation to related text, as well as positioning on package etc., are defined in Def Stan 81-041 (Part 6). If size of the bar code does not allow a label to be directly attached, then a tag may be used. Any difficulties over size or positioning of barcode markings shall initially be referred to the organisation nominated in Box 3 of DEFFORM 111 at Annex A to Schedule 3 (Contract Data Sheet).

l. The requirements for the consignment of aggregated packages are as follows:

(1) With the exception of packages containing Dangerous Goods, over-packing for delivery to the consignee shown in the Contract may be used by the consignor to aggregate a number of packages to different Packaging levels, provided that the package contains Contractor Deliverables of only one NSN or class group. Over-packing shall be in the cheapest commercial form consistent with ease of handling and protection of over-packed items.

(2) Two adjacent sides of the outer container shall be clearly marked to show the following:

(a) class group number;

(b) name and address of consignor;

(c) name and address of consignee (as stated on the Contract or Order);

(d) destination if it differs from the consignee's address, normally either:

i. delivery destination / address; or

ii. transit destination, if the delivery address is a point of aggregation / disaggregation and / or onward shipment e.g. railway station, where that mode of transport is used;

(e) where applicable, the reference number of the delivery note produced by CP&F relating to the contents. The consignee's copy of each delivery note shall be placed in the case / container. If the Contractor Deliverables listed in the delivery note are packed in several cases, the consignee's copy shall be placed in the first case and a separate list detailing the contents shall be prepared for each case after the first and placed in the case to which it relates. Each case is to be numbered to indicate both the number of the case and the total number of cases concerned e.g. 1/3, 2/3, 3/3;

(f) the CP&F-generated shipping label; and

(g) any statutory hazard markings and any handling markings.

m. Authorisation of the Contractor to undertake Packaging design, or to use a packaging design, that was not part of the original requirement under the Contract, shall be considered as an alteration to the specification in accordance with condition 7 (Variations to Specification).

n. The Contractor shall ensure that timber and wood-containing products supplied under the Contract comply with the provisions of condition 25 (Timber and Wood-Derived Products) and Annex I and Annex II of the International Standards for Phytosanitary Measures, "Guidelines for Regulating Wood Packaging Material in International Trade", Publication No 15 (ISPM 15).

o. All Packaging shall meet the requirements of the Packaging (Essential Requirements) Regulations 2003 (as amended) where applicable.

p. In any design work the Contractor shall comply with the Producer Responsibility Obligations (Packaging Waste) Regulations 2007 (as amended) or equivalent legislation. Evidence of compliance shall be a contractor record in accordance with condition 18 (Contractor’s Records).

q. This Condition is concerned with the supply of Packaging suitable to protect and ease handling, transport and storage of specified items. Where there is a failure of suitable Packaging (a design failure), or Packaging fails and this is attributed to the Packaging supplier, then the supplier shall be liable for the cost of replacing the Packaging.

r. Liability for other losses resulting from Packaging failure or resulting from damage to Packaging, (such as damage to the packaged item etc.), shall be specified elsewhere in the Contract.

s. General requirements for service Packaging, including details of UK and NATO MLP and Commercial Packaging descriptions, are contained in Def Stan 81-041 (Part 1) "Packaging of Defence Materiel". Def Stans, NATO Standardisation Agreements (STANAGs), and further information are available from the DStan internet site at: https://www.dstan.mod.uk/

t. Unless specifically stated otherwise in the invitation to tender or the Contract, reference to any standard including Def Stans or STANAGs in any invitation to tender or Contract document means the edition and all amendments extant at the date of such tender or Contract.

u. In the event of conflict between the Contract and Def Stan 81-041, the Contract shall take precedence.

**24.** **Supply of Hazardous Materials or Substances in Contractor Deliverables**

a. The Contractor shall provide to the Authority:

(1) for each hazardous material or substance supplied, a Safety Data Sheet (SDS) in accordance with the extant Chemicals (Hazard Information and Packaging for Supply) Regulations (CHIP) and / or the Classification, Labelling and Packaging (CLP) Regulation 1272/2008 (whichever is applicable), and

(2) for each Contractor Deliverable containing hazardous materials or substances, safety information as required by the Health and Safety at Work, etc Act 1974, at the time of supply.

Nothing in this Condition shall reduce or limit any statutory duty or legal obligation of the Authority or the Contractor.

b. If the Contractor Deliverable contains hazardous materials or substances, or is a substance falling within the scope of the REACH Regulation (EC) No 1907/2006:

(1) the Contractor shall provide to the Authority an SDS for the substance in accordance with the Regulation. If the Contractor becomes aware of new information which may affect the risk management measures or new information on the hazard, the Contractor shall update the SDS and forward it to the Authority and to the address listed in clause 24.h below, and

(2) the Authority, if it becomes aware of new information regarding the hazardous properties of the substance, or any other information that might call into question the appropriateness of the risk management measures identified in the SDS supplied, shall report this information in writing to the Contractor.

c. If the Contractor is required, under, or in connection with the contract, to supply Contractor Deliverables or components of Contractor Deliverables that, in the course of their use, maintenance, disposal, or in the event of an accident, may release hazardous materials or substances, they shall provide to the Authority a list of those hazardous materials or substances, and for each hazardous material or substance listed, provide an SDS.

d. The Contractor shall provide to the Authority a completed Schedule 6 (Hazardous Contractor Deliverables, Materials or Substances Supplied under the Contract: Data Requirements) in accordance with Schedule 3 (Contract Data Sheet).

e. If the Contractor Deliverables, materials or substances are ordnance, munitions or explosives, in addition to the requirements of CHIP and / or the CLP Regulation 1272/2008 (whichever is applicable) and REACH the Contractor shall comply with hazard reporting requirements of DEF STAN 07-085 Design Requirements for Weapons and Associated Systems.

f. If the Contractor Deliverables, materials or substances are or contain or embody a radioactive substance as defined in the Ionising Radiation Regulations SI 1999/3232, the Contractor shall additionally provide details of:

(1) activity;

(2) the substance and form (including any isotope);

g. If the Contractor Deliverables, materials or substances have magnetic properties, the Contractor shall additionally provide details of the magnetic flux density at a defined distance, for the condition in which it is packed.

h. Any SDS to be provided in accordance with this Condition, including any related information to be supplied in compliance with the Contractor’s statutory duties under Clause 24.a, any information arising from the provisions of Clauses 24.e, 24.f and 24.g and the completed Schedule 6, shall be sent directly to the Authority’s Representative (Commercial) as soon as practicable, and no later than one (1) month prior to the Contract delivery date, unless otherwise stated in Schedule 3 (Contract Data Sheet). In addition, so that the safety information can reach users without delay, a copy shall be sent preferably as an email with attachment(s) in Adobe PDF or MS WORD format, or, if only hardcopy is available, to the addresses below:

(1) Hard copies to be sent to:

Hazardous Stores Information System (HSIS)

Defence Safety Authority (DSA)

Movement Transport Safety Regulator (MTSR)

Hazel Building Level 1, #H019

MOD Abbey Wood (North)

Bristol, BS34 8QW

(2) Emails to be sent to:

DSA-DLSR-MovTpt-DGHSIS@mod.uk

i. Failure by the Contractor to comply with the requirements of this Condition shall be grounds for rejecting the affected Contractor Deliverables. Any withholding of information concerning hazardous Contractor Deliverables, materials or substances shall be regarded as a material breach of Contract under Condition 43 (Material Breach) for which the Authority reserves the right to require the Contractor to rectify the breach immediately at no additional cost to the Authority or to terminate the Contract in accordance with Condition 43.

**25.** **Timber and Wood-Derived Products**

a. All Timber and Wood-Derived Products supplied by the Contractor under the Contract:

(1) shall comply with the Contract Specification; and

(2) must originate either:

(a) from a Legal and Sustainable source; or

(b) from a FLEGT-licensed or equivalent source.

b. In addition to the requirements of clause 25.a, all Timber and Wood-Derived Products supplied by the Contractor under the Contract shall originate from a forest source where management of the forest has full regard for:

(1) identification, documentation and respect of legal, customary and traditional tenure and use rights related to the forest;

(2) mechanisms for resolving grievances and disputes including those relating to tenure and use rights, to forest management practices and to work conditions; and

(3) safeguarding the basic labour rights and health and safety of forest workers.

c. If requested by the Authority, the Contractor shall provide to the Authority Evidence that the Timber and Wood-Derived Products supplied to the Authority under the Contract comply with the requirements of clause 25.a or 25.b or both.

d. The Authority reserves the right at any time during the execution of the Contract and for a period of five (5) years from final Delivery under the Contract to require the Contractor to produce the Evidence required for the Authority’s inspection within fourteen (14) days of the Authority’s request.

e. If the Contractor has already provided the Authority with the Evidence required under clause 25.c, the Contractor may satisfy these requirements by giving details of the previous notification and confirming the Evidence remains valid and satisfies the provisions of clauses 25.a or 25.b or both.

f. The Contractor shall maintain records of all Timber and Wood-Derived Products delivered to and accepted by the Authority, in accordance with condition 18 (Contractor’s Records).

g. Notwithstanding clause 25.c, if exceptional circumstances render it strictly impractical for the Contractor to record Evidence of proof of timber origin for previously used Recycled Timber, the Contractor shall support the use of this Recycled Timber with:

(1) a record tracing the Recycled Timber to its previous end use as a standalone object or as part of a structure; and

(2) an explanation of the circumstances that rendered it impractical to record Evidence of proof of timber origin.

h. The Authority may disclose the Information:

(1) The Authority reserves the right to decide, except where in the Authority’s opinion the timber supplied is incidental to the requirement and from a low risk source, whether the Evidence submitted to it demonstrates compliance with clause 25.a or 25.b, or both. In the event that the Authority is not satisfied, the Contractor shall commission and meet the costs of an Independent Verification and resulting report that will:

(2) verify the forest source of the timber or wood; and

(3) assess whether the source meets the relevant criteria of clause 25.b.

i. The statistical reporting requirement at clause 25.j applies to all Timber and Wood-Derived Products delivered under the Contract. The Authority reserves the right to amend the requirement for statistical reporting, in the event that the UK Government changes the requirement for reporting compliance with the Government Timber Procurement Policy. Amendments to the statistical reporting requirement will be made in accordance with condition 6 (Amendments to Contract).

j. The Contractor shall provide to the Authority, a completed Schedule 7 (Timber and Wood-Derived Products Supplied under the Contract: Data Requirements), the data or Information the Authority requires in respect of Timber and Wood-Derived Products delivered to the Authority under the Contract, or in respect of each Order in the case of a Framework Agreement, or at such other frequency as stated in the Contract. The Contractor shall send all completed Schedule 7s (Timber and Wood-Derived Products Supplied under the Contract: Data Requirements), including Nil Returns where appropriate, to the Authority’s Representative (Commercial).

k. The Schedule 7 (Timber and Wood-Derived Products Supplied under the Contract: Data Requirements) may be amended by the Authority from time to time, in accordance with condition 6 (Amendments to Contract).

l. The Contractor shall obtain any wood, other than processed wood, used in Packaging from:

(1) companies that have a full registered status under the Forestry Commission and Timber Packaging and Pallet Confederation’s UK Wood Packaging Material Marking Programme (more detailed information can be accessed at www.forestry.gov.uk) and all such wood shall be treated for the elimination of raw wood pests and marked in accordance with that Programme; or

(2) sources supplying wood treated and marked so as to conform to Annex I and Annex II of the International Standard for Phytosanitary Measures, “Guidelines for Regulating Wood Packaging Material in International Trade”, Publication No 15 published by the Food and Agricultural Organisation of the United Nations (ISPM15) (more detailed information can be accessed at www.fao.org).

**26.** **Certificate of Conformity**

a. Where required in Schedule 3 (Contract Data Sheet) the Contractor shall provide a Certificate of Conformity (CofC) in accordance with Schedule 2 (Schedule of Requirements) and any applicable Quality Plan. One copy of the CofC shall be sent to the Authority’s Representative (Commercial) upon Delivery, and one copy shall be provided to the Consignee upon Delivery.

b. The Contractor shall consider the CofC to be a record in accordance with condition 18 (Contractor’s Records).

c. The Information provided on the CofC shall include:

(1) Contractor’s name and address;

(2) Contractor unique CofC number;

(3) Contract number and where applicable Contract amendment number;

(4) details of any approved concessions;

(5) acquirer name and organisation;

(6) Delivery address;

(7) Contract Item Number from Schedule 2 (Schedule of Requirements);

(8) description of Contractor Deliverable, including part number, specification and configuration status;

(9) identification marks, batch and serial numbers in accordance with the Specification;

(10) quantities;

(11) a signed and dated statement by the Contractor that the Contractor Deliverables comply with the requirements of the Contract and approved concessions.

Exceptions or additions to the above are to be documented.

d. Where Schedule 2 (Schedule of Requirements) and any applicable Quality Plan require demonstration of traceability and design provenance through the supply chain the Contractor shall include in any relevant subcontract the requirement for the Information called for at clause 26.c. The Contractor shall ensure that this Information is available to the Authority through the supply chain upon request in accordance with condition 18 (Contractor Records).

**27.** **Access to Contractor’s Premises**

a. The Contractor shall provide to the Authority’s Representatives following reasonable Notice, relevant accommodation/facilities, at no direct cost to the Authority, and all reasonable access to its premises for the purpose of monitoring the Contractor’s progress and quality standards in performing the Contract.

b. As far as reasonably practical, the Contractor shall ensure that the provisions of clause 1 are included in their subcontracts with those suppliers identified in the Contract. The Authority, through the Contractor, shall arrange access to such subcontractors.

**28.** **Delivery / Collection**

a. Schedule 3 (Contract Data Sheet) shall specify whether the Contractor Deliverables are to be Delivered to the Consignee by the Contractor or Collected from the Consignor by the Authority.

b. Where the Contractor Deliverables are to be Delivered by the Contractor (or a third party acting on behalf of the Contractor), the Contractor shall, unless otherwise stated in writing:

(1) contact the Authority’s Representative as detailed in Schedule 3 (Contract Data Sheet) in advance of the Delivery Date in order to agree administrative arrangements for Delivery and provide any Information pertinent to Delivery requested;

(2) comply with any special instructions for arranging Delivery in Schedule 3 (Contract Data Sheet);

(3) ensure that each consignment of the Contractor Deliverables is accompanied by, (as specified in Schedule 3 (Contract Data Sheet)), a DEFFORM 129J in accordance with the instructions;

(4) be responsible for all costs of Delivery; and

(5) Deliver the Contractor Deliverables to the Consignee at the address stated in Schedule 2 (Schedule of Requirements) by the Delivery Date between the hours agreed by the Parties.

c. Where the Contractor Deliverables are to be Collected by the Authority (or a third party acting on behalf of the Authority), the Contractor shall, unless otherwise stated in writing:

(1) contact the Authority’s Representative (Transport) as detailed in box 10 of DEFFORM 111 at Annex A to Schedule 3 (Contract Data Sheet) in advance of the Delivery Date in order to agree specific arrangements for Collection and provide any Information pertinent to the Collection requested;

(2) comply with any special instructions for arranging Collection in Schedule 3 (Contract Data Sheet);

(3) ensure that each consignment of the Contractor Deliverables is accompanied by, (as specified in Schedule 3 (Contract Data Sheet)), a DEFFORM 129J in accordance with the instructions;

(4) ensure that the Contractor Deliverables are available for Collection by the Authority from the Consignor (as specified in Schedule 3 (Contract Data Sheet)) by the Delivery Date between the hours agreed by the Parties; and

(5) in the case of Overseas consignments, ensure that the Contractor Deliverables are accompanied by the necessary transit documentation. All Customs clearance shall be the responsibility of the Authority’s Representative (Transport).

d. Title and risk in the Contractor Deliverables shall only pass from the Contractor to the Authority:

(1) on the Delivery of the Contractor Deliverables by the Contractor to the Consignee in accordance with clause 28.b; or

(2) on the Collection of the Contractor Deliverables from the Consignor by the Authority once they have been made available for Collection by the Contractor in accordance with clause 28.c.

**29.** **Acceptance**

a. Acceptance of the Contractor Deliverables shall occur in accordance with any acceptance procedure specified in Schedule 8 (Acceptance Procedure). If no acceptance procedure is so specified acceptance shall occur when either:

(1) the Authority does any act in relation to the Contractor Deliverable which is inconsistent with the Contractor’s ownership; or

(2) the time limit in which to reject the Contractor Deliverables defined in clause 30.b has elapsed.

**30.** **Rejection**

a. If any of the Contractor Deliverables Delivered to the Authority do not conform to the Specification or any other terms of this Contract, then (without limiting any other right or remedy that the Authority may have) the Authority may reject the Contractor Deliverables (in whole or in part). The Authority shall return these Contractor Deliverables to the Contractor at the Contractor’s risk and cost.

b. Rejection of any of the Contractor Deliverables under clause 30.a shall take place by the time limit for rejection specified in Schedule 3 (Contract Data Sheet), or if no such period is specified within thirty (30) Business Days.

**31.** **Diversion Orders**

a. The Authority shall notify the Contractor at the earliest practicable opportunity if it becomes aware that a Contractor Deliverable is likely to be subject to a Diversion Order.

b. The Authority may issue a Diversion Order for the urgent delivery of the Contractor Deliverables identified in it. These Contractor Deliverables are to be delivered by the Contractor using the quickest means available as agreed by the Authority.

c. The Authority reserves the right to cancel the Diversion Order.

d. If the terms of the Diversion Order are unclear, the Contractor shall immediately contact the Representative of the Authority who issued it for clarification and/or further instruction.

e. If the Diversion Order increases the quantity of Contractor Deliverables beyond the scope of the Contract, it is to be returned immediately to the Authority’s Commercial Officer with an appropriate explanation.

f. The Contractor shall be entitled to reasonable additional delivery and packaging costs incurred in complying with the Diversion Order or cancellation. Claims are to be submitted by the Contractor to the Authority’s Commercial Officer together with applicable receipts and agreed as an amendment to the Contract in accordance with condition 6 (Amendments to Contract). The Contractor shall comply with the requirements of the Diversion Order upon receipt of the Diversion Order.

**32.** **Self-to-Self Delivery**

Where it is stated in Schedule 3 (Contract Data Sheet) that any Contractor Deliverable is to be Delivered by the Contractor to its own premises, or to those of a Subcontractor (‘self-to-self delivery’), the risk in such a Contractor Deliverable shall remain vested in the Contractor until such time as it is handed over to the Authority.

**LICENCES AND INTELLECTUAL PROPERTY**

**33.** **Import and Export Licences**

a. If, in the performance of the Contract, the Contractor needs to import into the UK or export out of the UK anything not supplied by or on behalf of the Authority and for which a UK import or export licence is required, the responsibility for applying for the licence shall rest with the Contractor. The Authority shall provide the Contractor with sufficient information, certification, documentation and other reasonable assistance in obtaining any necessary UK import or export licence.

b. When an export licence or import licence or authorisation either singularly or in combination is required from a foreign government for the performance of the Contract, the Contractor shall as soon as reasonably practicable consult with the Authority on the licence requirements. Where the Contractor is the applicant for the licence or authorisation the Contractor shall:

(1) ensure that when end use or end user restrictions, or both, apply to all or part of any Contractor Deliverable (which for the purposes of this Condition shall also include information, technical data and software), the Contractor, unless otherwise agreed with the Authority, shall identify in the application:

(a) the end user as: Her Britannic Majesty’s Government of the United Kingdom of Great Britain and Northern Ireland (hereinafter “HM Government”); and

(b) the end use as: For the Purposes of HM Government; and

(2) include in the submission for the licence or authorisation a statement that "information on the status of processing this application may be shared with the Ministry of Defence of the United Kingdom".

c. If the Contractor or any subcontractor in the performance of the Contract needs to export materiel not previously supplied by or on behalf of the Authority for which an export licence or import licence or authorisation from a foreign government is required, the responsibility for instituting expeditious action to apply for and obtain the licence shall rest with the Contractor or that subcontractor. For the purposes of this Condition materiel shall mean information, technical data and items, including Contractor Deliverables, components of Contractor Deliverables and software.

d. Where the Contract performance requires the export of materiel for which a foreign export licence or import licence or authorisation is required, the Contractor shall include the dependencies for the export licence or import licence or authorisation application, grant and maintenance in the Contract risk register and in the risk management plan for the Contract, with appropriate review points. Where there is no requirement under the Contract for a risk management plan the Contractor shall submit this information to the Authority’s representative.

e. During the term of the Contract and for a period of up to 2 years from completion of the Contract, the Authority may make a written request to the Contractor to seek a variation to the conditions to a foreign export licence or import licence or authorisation to enable the Authority to re-export or re-transfer a licensed or authorised item or licensed or authorised information from the UK to a non-licensed or unauthorised third party. If the Authority makes such a request it will consult with the Contractor before making a determination of whether the Authority or the Contractor is best placed in all the circumstance to make the request. Where, subsequent to such consultation the Authority notifies the Contractor that the Contractor is best placed to make such request:

(1) the Contractor shall, or procure that the Contractor’s subcontractor shall, expeditiously consider whether or not there is any reason why it should object to making the request and, where it has no objection, file an application to seek a variation of the applicable export licence or import licence or authorisation in accordance with the procedures of the licensing authority. Where the contractor has an objection, the Parties shall meet within five (5) working days to resolve the issue and should they fail the matter shall be escalated to an appropriate level within both Parties’ organisations, to include their respective export licensing subject matter experts; and

(2) the Authority shall provide sufficient information, certification, documentation and other reasonable assistance as may be necessary to support the application for the requested variation.

f. Where the Authority determines that it is best placed to make such request the Contractor shall provide sufficient information, certification, documentation and other reasonable assistance as may be necessary to support the Authority to make the application for the requested variation.

g. Where the Authority invokes clause 33.e or 33.f the Authority will pay the Contractor a fair and reasonable charge for this service based on the cost of providing it.

h. Where the Contractor subcontracts work under the Contract, which is likely to be subject to foreign export control, import control or both the Contractor shall use reasonable endeavours to incorporate in each subcontract equivalent obligations to those set out in this Condition. Where it is not possible to include equivalent terms to those set out in this Condition, the Contractor shall report that fact and the circumstances to the Authority.

i. Without prejudice to HM Government's position on the validity of any claim by a foreign government to extra-territoriality, the Authority shall provide the Contractor with sufficient information, certification, documentation and other reasonable assistance to facilitate the granting of export licences or import licences or authorisations by a foreign Government in respect of the performance of the Contract.

j. The Authority shall provide such assistance as the Contractor may reasonably require in obtaining any UK export licences necessary for the performance of the Contract.

k. The Contractor shall use reasonable endeavours to identify whether any Contractor Deliverable is subject to:

(1) a non-UK export licence, authorisation or exemption; or

(2) any other related transfer or export control,

that imposes or will impose end use, end user or re-transfer or re-export restrictions, or restrictions on disclosure to individuals based upon their nationality. This does not include the Intellectual Property-specific restrictions of the type referred to in condition 34 (Third Party Intellectual Property – Rights and Restrictions).

l. If at any time during the term of the Contract the Contractor becomes aware that all or any part of the Contractor Deliverables are subject to Clause 33.k(1) or 33.k(2), it shall notify the Authority of this as soon as reasonably practicable by providing details in the DEFFORM 528 or other mutually agreed alternative format. Such notification shall be no later than thirty (30) days of knowledge of any affected Contractor Deliverable and in any event such notification shall be not less than thirty (30) days prior to delivery of the Contractor Deliverables.

m. If the information to be provided under Clause 33.l has been provided previously to the Authority by the Contractor under the Contract, the Contractor may satisfy these requirements by giving details of the previous notification and confirming they remain valid and satisfy the provisions of Clause 33.l.

n. During the term of the Contract, the Contractor shall notify the Authority as soon as reasonably practicable of any changes in the information notified previously under clauses 33.l or 33.m of which it becomes or is aware that would affect the Authority’s ability to use, disclose, re-transfer or re-export an item or part of it as is referred to in those Clauses by issuing an updated DEFFORM 528 to the Authority.

o. For a period of up to 2 years from completion of the Contract and in response to a specific request by the Authority, the Contractor shall notify the Authority as soon as reasonably practicable of any changes in the information notified previously under Clause 33.l or 33.m of which it becomes aware that would affect the Authority’s ability to use, disclose, re-transfer or re-export an item or part of it as is referred to in those Clauses by issuing an updated DEFFORM 528 to the Authority.

p. Where following receipt of materiel from a subcontractor or any of its other suppliers restrictions are notified to the Contractor by that subcontractor, supplier or other third party or are identified by the Contractor, the Contractor shall immediately inform the Authority by issuing an updated DEFFORM 528. Within 0 days of such notification, the Contractor shall propose to the Authority actions to mitigate the impact of such restrictions. Such proposals may include, where appropriate, mutually supported attempts to obtain removal or modification to the restrictions or to obtain appropriate authorisations from the relevant foreign government. The Authority shall notify the contractor within 0 days of receipt of a proposal whether it is acceptable and where appropriate the Contract shall be modified in accordance with its terms to implement the proposal.

q. If the restrictions prevent the Contractor from performing its obligations under the Contract and have not been removed, modified or otherwise satisfactorily managed within a reasonable time, the Authority may at its absolute discretion elect to amend the contract in accordance with condition 6 or 7 or as otherwise may be provided by the Contract, or to terminate the Contract. Except as set out in clause 33.r, in the event of termination in these circumstances termination shall be on fair and reasonable terms having regard to all the circumstances including payments already made and that would otherwise be due under the Contract, costs incurred by the Contractor and benefits received by the Authority. The Parties, acting in good faith, will use all reasonable endeavours to agree such fair and reasonable terms failing which either Party may refer the matter to dispute resolution in accordance with the provisions in the Contract.

r. In the event that the restrictions notified to the Authority pursuant to Clause 33.l were known or ought reasonably have been known by the Contractor (but were not disclosed) at contract award or if restrictions notified to the Authority pursuant to clauses 33.n or 33.p were known or ought reasonably to have been known by the Contractor at the date of submission of the most recent DEFFORM 528 submitted to the Authority in accordance with Clause 33.l, termination under Clause 33.q will be in accordance with condition 43 (Material Breach) and the provisions of clause 33.v will not apply.

s. The Authority shall use reasonable endeavours to identify any export control restrictions applying to materiel to be provided to the Contractor as Government Furnished Assets (GFA). Where the Authority is to provide materiel necessary to enable the Contractor to perform the Contract or in respect of which the Services are to be provided, and that materiel is subject to a non-UK export licence, authorisation, exemption or other related transfer or export control as described in the provisions of Clause 33.k, the Authority shall provide a completed DEFFORM 528 or will provide a new or updated DEFFORM 528 to the Contractor within thirty (30) days of the date of knowledge and in any case not later than thirty (30) days prior to the delivery of such materiel to the Contractor.

t. In the event that the Authority becomes aware that the DEFFORM 528 disclosure was incomplete or inaccurate or in the event additional such materiel is identified then the Authority shall provide, as soon as reasonably practicable a new or revised DEFFORM 528. In the event that the Authority becomes aware that a prior disclosure included in DEFFORM 528 submitted to the Contractor was incomplete or inaccurate less than thirty (30) days prior to the delivery to the Contractor of any material to which the updated or new disclosure relates, the Parties will meet as soon as reasonably practicable to discuss how to mitigate the impact of the incomplete or inaccurate disclosure.

u. Where:

(1) restrictions are advised by the Authority to the Contractor in a DEFFORM 528 provided pursuant to Clauses 33.s or 33.t or both; or

(2) any of the information provided by the Authority in any DEFFORM 528 proves to be incorrect or inaccurate;

the Authority and the Contractor shall act promptly to mitigate the impact of such restrictions or incorrect or inaccurate information. Such mitigation shall include, where appropriate, mutually supported attempts to obtain removal or modification to the restrictions or to obtain appropriate authorisations from the relevant foreign government. If the restrictions or incorrect or inaccurate information adversely affect the ability of the Contractor to perform its obligations under the Contract, the matter shall be handled under the terms of condition 6 (Amendments to Contract) or condition 7 (Variations to Specification) or as may otherwise be provided by the Contract as appropriate and if no alternative solution satisfies the essential terms of the Contract and the restrictions have not been removed, modified or otherwise satisfactorily managed within a reasonable time the Authority may terminate the Contract. Termination under these circumstances will be under the terms of condition 42 (Termination for Convenience) and as referenced in the Contract.

v. Pending agreement of any amendment of the Contract as set out in clause 33.q or 33.u, provided the Contractor takes such steps as are reasonable to mitigate the impact, the Contractor shall be relieved from its obligations to perform those elements of the Contract directly affected by the restrictions or provision of incorrect or incomplete information.

**34.** **Third Party Intellectual Property – Rights and Restrictions**

a. The Contractor and, where applicable any Subcontractor, shall promptly notify the Authority as soon as they become aware of:

(1) any invention or design the subject of patent or registered Design Rights (or application thereof) owned by a third party which appears to be relevant to the performance of the Contract or to use by the Authority of anything required to be done or delivered under the Contract;

(2) any restriction as to disclosure or use, or obligation to make payments in respect of any other intellectual property (including technical Information) required for the purposes of the Contract or subsequent use by the Authority of anything delivered under the Contract and, where appropriate, the notification shall include such Information as is required by Section 2 of the Defence Contracts Act 1958;

(3) any allegation of infringement of intellectual property rights made against the Contractor and which pertains to the performance of the Contract or subsequent use by the Authority of anything required to be done or delivered under the Contract.

Clause 34.a does not apply in respect of Contractor Deliverables normally available from the Contractor as a Commercial Off The Shelf (COTS) item or service.

b. If the Information required under clause 34.a has been notified previously, the Contractor may meet its obligations by giving details of the previous notification.

c. For COTS Contractor Deliverables patents and registered designs in the UK, in respect of any question arising (by way of an allegation made to the Authority or Contractor, or otherwise) that the manufacture or provision under the Contract of Contractor Deliverables normally available from the Contractor as a COTS item or service is an infringement of a UK patent or registered design not owned or controlled by the Contractor or the Authority, the Contractor shall, subject to the agreement of the third party owning such patent or registered design, be given exclusive conduct of any and all negotiations for the settlement of any claim or the conduct of any litigation arising out of such question. The Contractor shall indemnify the Authority, its officers, agents and employees against any liability and cost arising from such allegation. This condition shall not apply if:

(1) the Authority has made or makes an admission of any sort relevant to such question;

(2) the Authority has entered or enters into any discussions on such question with any third party without the prior written agreement of the Contractor;

(3) the Authority has entered or enters into negotiations in respect of any relevant claim for compensation in respect of Crown Use under Section 55 of the Patents Act 1977 or Section 12 of the Registered Designs Act 1977;

(4) legal proceedings have been commenced against the Authority or the Contractor in respect of Crown Use, but only to the extent of such Crown Use that has been properly authorised.

d. The indemnity in clause 34.c does not extend to use by the Authority of anything supplied under the Contract where that use was not reasonably foreseeable at the time of the Contract.

e. In the event that the Authority has entered into negotiation in respect of a claim for compensation, or legal proceedings in respect of the Crown Use have commenced, the Authority shall forthwith authorise the Contractor for the purposes of performing the Contract (but not otherwise) to utilise a relevant invention or design in accordance with Sections 55 and 56 of the Patents Act 1977 or Section 12 of the Registered Designs Act 1949 and to use any model, document or information relating to any such invention or design which may be required for that purpose.

f. For all other Contractor Deliverables patents and registered designs in the UK, if a relevant invention or design has been notified to the Authority by the Contractor prior to the Effective Date of Contract, then unless it has been otherwise agreed, under the provisions of Sections 55 and 56 of the Patents Act 1977 or Section 12 of the Registered Designs Act 1949, the Contractor is hereby authorised to utilise that invention or design, notwithstanding the fact that it is the subject of a UK Patent or UK Registered Design, for the purpose of performing the Contract.

g. If, under clause 34.a, a relevant invention or design is notified to the Authority by the Contractor after the Effective Date of Contract, then:

(1) if the owner (or its exclusive licensee) takes or threatens in writing to take any relevant action against the Contractor, the Authority shall issue to the Contractor a written authorisation in accordance with the provisions of Sections 55 and 56 of the Patents Act 1977 or Section 12 of the Registered Designs Act 1949, and

(2) in any event, unless the Contractor and the Authority can agree an alternative course of action, the Authority shall not unreasonably delay the issue of a written authorisation in accordance with the provisions of Sections 55 and 56 of the Patents Act 1977 or Section 12 of the Registered Designs Act 1949.

h. The Authority shall assume all liability and shall indemnify the Contractor, its officers, agents and employees against liability, including the Contractor’s costs, as a result of infringement by the Contractor or their suppliers of any patent, utility model, registered design or like protection outside the United Kingdom in the performance of the Contract when such infringement arises from or is incurred by reason of the Contractor following any specification, statement of work or instruction in the Contract or using, keeping or disposing of any item given by the Authority for the purpose of the Contract in accordance with the Contract.

i. The Contractor shall assume all liability and shall indemnify the Authority, its officers, agents and employees against liability, including the Authority’s costs, as a result of infringement by the Contractor or their suppliers of any patent, utility model, registered design or like protection outside the UK in the performance of the Contract when such infringement arises from or is incurred otherwise than by reason of the Contractor following any specification, statement of work or instruction in the Contract or using, keeping or disposing of any item given by the Authority for the purpose of the Contract in accordance with the Contract.

j. The Contractor shall not be entitled to any reimbursement of any royalty, licence fee or similar expense incurred in respect of anything to be done under the Contract, where:

(1) a relevant discharge has been given under Section 2 of the Defence Contracts Act 1958, or relevant authorisation in accordance with Sections 55 or 57 of the Patents Act 1977, Section 12 of the Registered Designs Act 1949 or Section 240 of the Copyright, Designs and Patents Act 1988 in respect of any intellectual property; or

(2) any obligation to make payments for intellectual property has not been promptly notified to the Authority under clause 34.a.

k. Where authorisation is given by the Authority under clause 34.e, 34.f or 34.g, to the extent permitted by Section 57 of the Patents Act 1977, Section 12 of the Registered Designs Act 1949 or Section 240 of the Copyright, Designs and Patents Act 1988, the Contractor shall also be:

(1) released from payment whether by way of royalties, licence fees or similar expenses in respect of the Contractor's use of the relevant invention or design, or the use of any relevant model, document or information for the purpose of performing the Contract; and

(2) authorised to use any model, document or information relating to any such invention or design which may be required for that purpose.

l. The Contractor shall assume all liability and indemnify the Authority and its officers, agents and employees against liability, including costs as a result of:

(1) infringement or alleged infringement by the Contractor or their suppliers of any copyright, database right, Design Right or the like protection in any part of the world in respect of any item to be supplied under the Contract or otherwise in the performance of the Contract;

(2) misuse of any confidential information, trade secret or the like by the Contractor in performing the Contract;

(3) provision to the Authority of any Information or material which the Contractor does not have the right to provide for the purpose of the Contract.

m. The Authority shall assume all liability and indemnify the Contractor, its officers, agents and employees against liability, including costs as a result of:

(1) infringement or alleged infringement by the Contractor or their suppliers of any copyright, database right, Design Right or the like protection in any part of the world in respect of any item provided by the Authority for the purpose of the Contract but only to the extent that the item is used for the purpose of the Contract;

(2) alleged misuse of any confidential Information, trade secret or the like by the Contractor as a result of use of Information provided by the Authority for the purposes of the Contract, but only to the extent that Contractor’s use of that Information is for the purposes intended when it was disclosed by the Authority.

n. The general authorisation and indemnity is:

(1) clauses 34.a – 34.m represents the total liability of each Party to the other under the Contract in respect of any infringement or alleged infringement of patent or other Intellectual Property Right (IPR) owned by a third party;

(2) neither Party shall be liable, one to the other, for any consequential loss or damage arising as a result, directly or indirectly, of a claim for infringement or alleged infringement of any patent or other IPR owned by a third party;

(3) a Party against whom a claim is made or action brought, shall promptly notify the other Party in writing if such claim or action appears to relate to an infringement which is the subject of an indemnity or authorisation given under this Condition by such other Party. The notification shall include particulars of the demands, damages and liabilities claimed or made of which the notifying Party has notice;

(4) the party benefiting from the indemnity or authorisation shall allow the other Party, at its own expense, to conduct any negotiations for the settlement of the same, and any litigation that may arise therefrom and shall provide such information as the other Party may reasonably require;

(5) following a notification under clause 34.n(3), the Party notified shall advise the other Party in writing within thirty (30) Business Days whether or not it is assuming conduct of the negotiations or litigation. In that case the Party against whom a claim is made or action brought shall not make any statement which might be prejudicial to the settlement or defence of such a claim without the written consent of the other Party;

(6) the Party conducting negotiations for the settlement of a claim or any related litigation shall, if requested, keep the other Party fully informed of the conduct and progress of such negotiations.

o. If at any time a claim or allegation of infringement arises in respect of copyright, database right, Design Right or breach of confidence as a result of the provision of any Contractor Deliverable by the Contractor to the Authority, the Contractor may at its own expense replace the item with an item of equivalent functionality and performance so as to avoid infringement or breach. The Parties will co-operate with one another to mitigate any claim or damage which may arise from use of third party IPR.

p. Nothing in condition 34 shall be taken as an authorisation or promise of an authorisation under Section 240 of the Copyright, Designs and Patents Act 1988.

**PRICING AND PAYMENT**

**35.** **Contract Price**

a. The Contractor shall provide the Contractor Deliverables to the Authority at the Contract Price. The Contract Price shall be a Firm Price unless otherwise stated in Schedule 3 (Contract Data Sheet).

b. Subject to condition 35.a the Contract Price shall be inclusive of any UK custom and excise or other duty payable. The Contractor shall not make any claim for drawback of UK import duty on any part of the Contract Deliverables supplied which may be for shipment outside of the UK.

**36.** **Payment and Recovery of Sums Due**

a. Payment for Contractor Deliverables will be made by electronic transfer and prior to submitting any claims for payment under clause 36b the Contractor will be required to register their details (Supplier on-boarding) on the Contracting, Purchasing and Finance (CP&F) electronic procurement tool.

b. Where the Contractor submits an invoice to the Authority in accordance with clause 36a, the Authority will consider and verify that invoice in a timely fashion.

c. The Authority shall pay the Contractor any sums due under such an invoice no later than a period of 30 days from the date on which the Authority has determined that the invoice is valid and undisputed.

d. Where the Authority fails to comply with clause 36a and there is undue delay in considering and verifying the invoice, the invoice shall be regarded as valid and undisputed for the purpose of clause 36c after a reasonable time has passed.

e. The approval for payment of a valid and undisputed invoice by the Authority shall not be construed as acceptance by the Authority of the performance of the Contractor’s obligations nor as a waiver of its rights and remedies under this Contract.

f. Without prejudice to any other right or remedy, the Authority reserves the right to set off any amount owing at any time from the Contractor to the Authority against any amount payable by the Authority to the Contractor under the Contract or under any other contract with the Authority, or with any other Government Department.

**37.** **Value Added Tax**

a. The Contract Price excludes any UK output Value Added Tax (VAT) and any similar EU (or non-EU) taxes chargeable on the supply of Contractor Deliverables by the Contractor to the Authority.

b. If the Contractor is required by UK VAT law to be registered for UK VAT (or has registered voluntarily) in respect of his business activities at the time of any supply, and the circumstances of any supply are such that the Contractor is liable to pay the tax due to HM Revenue and Customs (HMRC), the Authority shall pay to the Contractor in addition to the Contract Price (or any other sum due to the Contractor) a sum equal to the output VAT chargeable on the tax value of the supply of Contractor Deliverables, and all other payments under the Contract according to the law at the relevant tax point.

c. The Contractor is responsible for the determination of VAT liability. The Contractor shall consult its Client Relationship Manager or the HMRC Enquiries Desk (and not the Authority’s Representative (Commercial)) in cases of doubt. The Contractor shall notify the Authority’s Representative (Commercial) of the Authority’s VAT liability under the Contract, and any changes to it, within twenty (20) Business Days of becoming aware the liability is other than at the standard rate of VAT. In the event of any doubt about the applicability of the tax in such cases, the Authority may require the Contractor to obtain, and pass to the Authority, a formal ruling from HMRC. The Contractor shall comply promptly with any such requirement. Where the Contractor obtains a ruling from HMRC, it shall supply a copy to the Authority within three (3) Business Days of receiving that ruling unless it proposes to challenge the ruling. Where the Contractor challenges the ruling it shall supply to the Authority a copy of any final decisions issued by HMRC on completion of the challenge within three (3) Business Days of receiving the decision.

d. Where supply of Contractor Deliverables comes within the scope of UK VAT, but the Contractor is not required by UK VAT law to be registered for UK VAT (and has not registered voluntarily), the Authority shall be responsible for assessing and paying over directly to HMRC any UK output VAT due in respect of the Contractor Deliverables. The Contractor shall be responsible for ensuring it takes into account any changes in VAT law regarding registration.

e. Where Contractor Deliverables are deemed to be supplied to the Authority outside the UK, the Contractor may be required by the laws of the country where the supply takes place to register there for EU (or non-EU) turnover or similar tax. In that event, the Authority shall pay to the Contractor in addition to the Contract Price (and any other sum due to the Contractor under the Contract) a sum equal to the tax the Contractor is liable to pay to the tax authorities of the country in question in relation to the Contractor Deliverables within thirty (30) calendar days of a written request for payment of any such sum by the Contractor.

f. In relation to the Contractor Deliverables supplied under the Contract the Authority shall not be required to pay any sum in respect of the Contractor’s input VAT (or similar EU or non-EU or both input taxes). However, these input taxes will be allowed where it is established that, despite the Contractor having taken all reasonable steps to recover them, it has not been possible to do so. Where there is any doubt that the Contractor has complied with this requirement the matter shall be resolved in accordance with condition 40 (Dispute Resolution).

g. Should HMRC decide that the Contractor has incorrectly determined the VAT liability, in accordance with clause 37.b above, the Authority will pay the VAT assessed by HMRC. In the event that HMRC so determines, the Contractor shall pay any interest charged on any assessment or penalties or both directly to HMRC. Such interest or penalties or both shall not be recoverable from the Authority under this Contract or any other contract. The Contractor shall supply the Authority with a copy of all correspondence between HMRC and the Contractor’s advisors regarding the VAT assessment within three (3) Business Days of a written request from the Authority for such correspondence.

**38.** **Debt Factoring**

a. Subject to the Contractor obtaining the prior written consent of the Authority in accordance with condition 11 (Assignment of Contract), the Contractor may assign to a third Party (“the Assignee”) the right to receive payment of the Contract Price or any part thereof due to the Contractor under the Contract (including interest which the Authority incurred through late payment under the Late Payment of Commercial Debts (Interest) Act 1998 (“the Act”)). Any assignment of the right to receive payment of the Contract Price (or any part thereof) under this condition 38 shall be subject to:

(1) reduction of any sums in respect of which the Authority exercises its right of recovery under clause 36.f

(2) all related rights of the Authority under the Contract in relation to the recovery of sums due but unpaid; and

(3) the Authority receiving notification under both clauses 38.b and 38.c(2).

b. In the event that the Contractor obtains from the Authority the consent to assign the right to receive the Contract Price (or any part thereof) under clause 38.a, the Contractor shall notify the Authority in writing of the assignment and the date upon which the assignment becomes effective.

c. The Contractor shall ensure that the Assignee:

(1) is made aware of the Authority’s continuing rights under clauses 38.a(1) and 38.a(2); and

(2) notifies the Authority of the Assignee’s contact Information and bank account details to which the Authority shall make payment, subject to any reduction made by the Authority in accordance with clauses 38.a(1) and 38.a(2).

d. The provisions of condition 36 (Payment and Recovery of Sums Due) shall continue to apply in all other respects after the assignment and shall not be amended without the prior approval of the Authority.

**39.** **Subcontracting and Prompt Payment**

a. Subcontracting any part of the Contract shall not relieve the Contractor of any of the Contractor’s obligations, duties or liabilities under the Contract.

b. Where the Contractor enters into a Subcontract he shall cause a term to be included in such Subcontract:

(1) providing that where the Subcontractor submits an invoice to the Contractor, the Contractor will consider and verify that invoice in a timely fashion;

(2) providing that the Contractor shall pay the Subcontractor any sums due under such an invoice no later than a period of thirty (30) days from the date on which the Contractor has determined that the invoice is valid and undisputed;

(3) providing that where the Contractor fails to comply with clause 39.b(1) above, and there is an undue delay in considering and verifying the invoice, that the invoice shall be regarded as valid and undisputed for the purposes of clause 39.b(2) after a reasonable time has passed; and

(4) requiring the counterparty to that Subcontract to include in any Subcontract which it awards, provisions having the same effect as clauses 39.b(1) to 39.b(4).

**TERMINATION**

**40.** **Dispute Resolution**

a. The Parties will attempt in good faith to resolve any dispute or claim arising out of or relating to the Contract through negotiations between the respective representatives of the Parties having authority to settle the matter, which attempts may include the use of any alternative dispute resolution procedure on which the Parties may agree.

b. In the event that the dispute or claim is not resolved pursuant to clause 40.a the dispute shall be referred to arbitration. Unless otherwise agreed in writing by the Parties, the arbitration and this clause 40.b shall be governed by the Arbitration Act 1996. For the purposes of the arbitration, the arbitrator shall have the power to make provisional awards pursuant to Section 39 of the Arbitration Act 1996.

c. For the avoidance of doubt, anything said, done or produced in or in relation to the arbitration process (including any awards) shall be confidential between the Parties, except as may be lawfully required in judicial proceedings relating to the arbitration or otherwise.

**41.** **Termination for Insolvency or Corrupt Gifts**

**Insolvency:**

a. The Authority may terminate the Contract, without paying compensation to the Contractor, by giving written Notice of such termination to the Contractor at any time after any of the following events:

Where the Contractor is an individual or a firm:

(1) the application by the individual or, in the case of a firm constituted under English law, any partner of the firm to the court for an interim order pursuant to Section 253 of the Insolvency Act 1986; or

(2) the court making an interim order pursuant to Section 252 of the Insolvency Act 1986; or

(3) the individual, the firm or, in the case of a firm constituted under English law, any partner of the firm making a composition or a scheme of arrangement with his or its creditors; or

(4) the presentation of a petition for bankruptcy order against the individual or, in the case of a firm constituted under English law, any partner of the firm unless it is withdrawn within three (3) Business Days from the date on which the Contractor is notified of the presentation; or

(5) the court making a bankruptcy order in respect of the individual or, in the case of a firm constituted under English law, any partner of the firm; or

(6) where the Contractor is either unable to pay his debts as they fall due or has no reasonable prospect of being able to pay debts which are not immediately payable. The Authority shall regard the Contractor as being unable to pay his debts if:

(a) he has failed to comply with or to set aside a Statutory demand under Section 268 of the Insolvency Act 1986 within twenty-one (21) days of service of the Statutory Demand on him; or

(b) execution or other process to enforce a debt due under a judgement or order of the court has been returned unsatisfied in whole or in part.

(7) the presentation of a petition for sequestration in relation to the Contractor's estates unless it is withdrawn within three (3) Business Days from the date on which the Contractor is notified of the presentation; or

(8) the court making an award of sequestration in relation to the Contractor’s estates.

Where the Contractor is a company registered in England:

(9) the presentation of a petition for the appointment of an administrator; unless it is withdrawn within three (3) Business Days from the date on which the Contractor is notified of the presentation; or

(10) the court making an administration order in relation to the company; or

(11) the presentation of a petition for the winding-up of the company unless it is withdrawn within three (3) Business Days from the date on which the Contractor is notified of the presentation; or

(12) the company passing a resolution that the company shall be wound-up; or

(13) the court making an order that the company shall be wound-up; or

(14) the appointment of a Receiver or manager or administrative Receiver.

Where the Contractor is a company registered other than in England, events occur or are carried out which, within the jurisdiction to which it is subject, are similar in nature or effect to those specified in clauses 41.a(9) to 41.a(14) inclusive above.

b. Such termination shall be without prejudice to and shall not affect any right of action or remedy which shall have accrued or shall accrue thereafter to the Authority and the Contractor.

**Corrupt Gifts:**

c. The Contractor shall not do, and warrants that in entering the Contract it has not done any of the following (hereafter referred to as 'prohibited acts'):

(1) offer, promise or give to any Crown servant any gift or financial or other advantage of any kind as an inducement or reward;

(a) for doing or not doing (or for having done or not having done) any act in relation to the obtaining or execution of this or any other contract with the Crown; or

(b) for showing or not showing favour or disfavour to any person in relation to this or any other Contract with the Crown.

(2) enter into this or any other Contract with the Crown in connection with which commission has been paid or has been agreed to be paid by it or on its behalf, or to its knowledge, unless before the Contract is made particulars of any such commission and of the terms and conditions of any such agreement for the payment thereof have been disclosed in writing to the Authority.

d. If the Contractor, its employees, agents or any subcontractor (or anyone acting on its behalf or any of its or their employees) does any of the prohibited acts or commits any offence under the Bribery Act 2010 with or without the knowledge or authority of the Contractor in relation to this Contract or any other contract with the Crown, the Authority shall be entitled:

(1) to terminate the Contract and recover from the Contractor the amount of any loss resulting from the termination;

(2) to recover from the Contractor the amount or value of any such gift, consideration or commission; and

(3) to recover from the Contractor any other loss sustained in consequence of any breach of this condition, where the Contract has not been terminated.

e. In exercising its rights or remedies under this condition, the Authority shall:

(1) act in a reasonable and proportionate manner having regard to such matters as the gravity of, and the identity of the person performing, the prohibited act;

(2) give all due consideration, where appropriate, to action other than termination of the Contract, including (without being limited to):

(a) requiring the Contractor to procure the termination of a subcontract where the prohibited act is that of a Subcontractor or anyone acting on its or their behalf;

(b) requiring the Contractor to procure the dismissal of an employee (whether its own or that of a Subcontractor or anyone acting on its behalf) where the prohibited act is that of such employee.

f. Recovery action taken against any person in Her Majesty's service shall be without prejudice to any recovery action taken against the Contractor pursuant to this Condition.

**42.** **Termination for Convenience**

a. The Authority shall have the right to terminate the Contract in whole or in part at any time by giving the Contractor at least twenty (20) business days written notice (or such other period as may be stated in Schedule 3 (Contract Data Sheet)). Upon expiry of the notice period the Contract, or relevant part thereof, shall terminate without prejudice to the rights of the parties already accrued up to the date of termination. Where only part of the Contract is being terminated, the Authority and the Contractor shall owe each other no further obligations in respect of the part of the Contract being terminated, but will continue to fulfil their respective obligations on all other parts of the Contract not being terminated.

b. Following the above notification the Authority shall be entitled to exercise any of the following rights in relation to the Contract (or part being terminated) to direct the Contractor to:

(1) not start work on any element of the Contractor Deliverables not yet started;

(2) complete in accordance with the Contract the provision of any element of the Contractor Deliverables;

(3) as soon as may be reasonably practicable take such steps to ensure that the production rate of the Contractor Deliverables is reduced as quickly as possible;

(4) terminate on the best possible terms any subcontracts in support of the Contractor Deliverables that have not been completed, taking into account any direction given under clauses 42.b(2) and 42.b(3) of this condition.

c. Where this condition applies (and subject always to the Contractor’s compliance with any direction given by the Authority under clause 42.b):

(1) The Authority shall take over from the Contractor at a fair and reasonable price all unused and undamaged materiel and any Contractor Deliverables in the course of manufacture that are:

(a) in the possession of the Contractor at the date of termination; and

(b) provided by or supplied to the Contractor for the performance of the Contract,

except such materiel and Contractor Deliverables in the course of manufacture as the Contractor shall, with the agreement of the Authority, choose to retain;

(2) the Contractor shall deliver to the Authority within an agreed period, or in absence of such agreement within a period as the Authority may specify, a list of:

(c) all such unused and undamaged materiel; and

(d) Contractor Deliverables in the course of manufacture,

that are liable to be taken over by, or previously belonging to the Authority, and shall deliver such materiel and Contractor Deliverables in accordance with the directions of the Authority;

(3) in respect of Services, the Authority shall pay the Contractor fair and reasonable prices for each Service performed, or partially performed, in accordance with the Contract.

d. The Authority shall (subject to clause 42.e below and to the Contractor’s compliance with any direction given by the Authority in clause 42.b above) indemnify the Contractor against any commitments, liabilities or expenditure which would otherwise represent an unavoidable loss by the Contractor by reason of the termination of the Contract, subject to:

(1) the Contractor taking all reasonable steps to mitigate such loss; and

(2) the Contractor submitting a fully itemised and costed list of such loss, with supporting evidence, reasonably and actually incurred by the Contractor as a result of the termination of the Contract or relevant part.

e. The Authority’s total liability under the provisions of this Condition shall be limited to the total price of the Contractor Deliverables payable under the contract (or relevant part), including any sums paid, due or becoming due to the Contractor at the date of termination.

f. The Contractor shall include in any subcontract over £250,000 which it may enter into for the purpose of the Contract, the right to terminate the subcontract under the terms of clauses 42.a to 42.e except that:

(1) the name of the Contractor shall be substituted for the Authority except in clause 42.c(1);

(2) the notice period for termination shall be as specified in the subcontract, or if no period is specified twenty (20) business days; and

(3) the Contractor’s right to terminate the subcontract shall not be exercised unless the main Contract, or relevant part, has been terminated by the Authority in accordance with the provisions of this condition 42.

g. Claims for payment under this condition shall be submitted in accordance with the Authority’s direction.

**43.** **Material Breach**

a. In addition to any other rights and remedies, the Authority shall have the right to terminate the Contract (in whole or in part) with immediate effect by giving written Notice to the Contractor where the Contractor is in material breach of its obligations under the Contract.

b. Where the Authority has terminated the Contract under clause 43.a the Authority shall have the right to claim such damages as may have been sustained as a result of the Contractor’s material breach of the Contract, including but not limited to any costs and expenses incurred by the Authority in:

(1) carrying out any work that may be required to make the Contractor Deliverables comply with the Contract; or

(2) obtaining the Contractor Deliverable in substitution from another supplier.

**44.** **Consequences of Termination**

The termination of the Contract, however arising, shall be without prejudice to the rights and duties of either Party accrued prior to termination. The Conditions that expressly or by implication have effect after termination shall continue to be enforceable even after termination.

**Project specific DEFCONs and DEFCON SC variants that apply to this contract**

**DEFCON 076 (SC2)**

DEFCON 076 (SC2) (Edn. 11/17) - Contractor's Personnel at Government Establishments

**DEFCON 532A**

DEFCON 532A (Edn. 04/20) -Protection Of Personal Data (Where Personal Data is not being processed on behalf of the Authority)

**DEFCON 624 (SC2)**

DEFCON 624 (SC2) (Edn. 11/17) - Use of Asbestos

**DEFCON 630 (SC2)**

DEFCON 630 (SC2) (Edn. 11/17) - Framework Agreements

**DEFCON 658 (SC2)**

DEFCON 658 (SC2) (Edn. 11/17) – Cyber

**DEFCON 658 - Cyber Risk Profile - Very Low**

Note: Further to DEFCON 658 the Cyber Risk Profile of the Contract is Very Low, reference RAR-DQJA6G59, as defined in Def Stan 05-138.

**Payment Terms**

All payments will be processed via the electronic payment platform CP&F.

**SC2 Schedules**

**Schedule 1 - Definitions of Contract**

|  |  |
| --- | --- |
| **Articles** | means the Contractor Deliverables (goods and/or the services), including Packaging (and Certificate(s) of Conformity and supplied in accordance with any QA requirements if specified) which the Contractor is required to provide under the Contract in accordance with Schedule 2 (Schedule of Requirements), but excluding incidentals outside Schedule 2 (Schedule of Requirements) such as progress reports. (**This definition only applies when DEFCONs are added to these Conditions**); |
| **Authority** | means the Secretary of State for Defence acting on behalf of the Crown; |
| **Authority’sRepresentative(s)** | shall be those person(s) defined in Schedule 3 (Contract Data Sheet) who will act as the Authority’s Representative(s) in connection with the Contract. Where the term “Authority’s Representative(s)” in the Conditions is immediately followed by a functional description in brackets, the appropriate Authority’s Representative(s) shall be the designated person(s) for the purposes of condition 8; |
| **Business Day** | means 09:00 to 17:00 Monday to Friday, excluding public and statutory holidays; |
| **Central Government Body** | a body listed in one of the following sub-categories of the Central Government classification of the Public Sector Classification Guide, as published and amended from time to time by the Office for National Statistics:  a. Government Department;  b. Non-Departmental Public Body or Assembly Sponsored Public Body (advisory, executive, or tribunal);  c. Non-Ministerial Department; or  Executive Agency; |
| **Collect** | means pick up the Contractor Deliverables from the Consignor. This shall include loading, and any other specific arrangements, agreed in accordance with clause 28.c and Collected and Collection shall be construed accordingly; |
| **Commercial Packaging** | means commercial Packaging for military use as described in Def Stan 81-041 (Part 1) |
| **Conditions** | means the terms and conditions set out in this document; |
| **Consignee** | means that part of the Authority identified in Schedule 3 (Contract Data Sheet) to whom the Contractor Deliverables are to be Delivered or on whose behalf they are to be Collected at the address specified in Schedule 3 (Contract Data Sheet) or such other part of the Authority as may be instructed by the Authority by means of a Diversion Order; |
| **Consignor** | means the name and address specified in Schedule 3 (Contract Data Sheet) from whom the Contractor Deliverables will be dispatched or Collected; |
| **Contract** | means the Contract including its Schedules and any amendments agreed by the Parties in accordance with condition 6 (Amendments to Contract); |
| **Contract Price** | means the amount set out in Schedule 2 (Schedule of Requirements) to be paid (inclusive of Packaging and exclusive of any applicable VAT) by the Authority to the Contractor, for the full and proper performance by the Contractor of its obligations under the Contract. |
| **Contractor** | means the person who, by the Contract, undertakes to supply the Contractor Deliverables, for the Authority as is provided by the Contract. Where the Contractor is an individual or a partnership, the expression shall include the personal representatives of the individual or of the partners, as the case may be, and the expression shall also include any person to whom the benefit of the Contract may be assigned by the Contractor with the consent of the Authority; |
| **Contractor Commercially Sensitive Information** | means the Information listed in the completed Schedule 5 (Contractor’s Commercially Sensitive Information Form), which is Information notified by the Contractor to the Authority, which is acknowledged by the Authority as being commercially sensitive; |
| **Contractor Deliverables** | means the goods and/or the services, including Packaging (and Certificate(s) of Conformity and supplied in accordance with any QA requirements if specified) which the Contractor is required to provide under the Contract; |
| **Control** | means the power of a person to secure that the affairs of the Contractor are conducted in accordance with the wishes of that person:  a. by means of the holding of shares, or the possession of voting powers in, or in relation to, the Contractor; or  b. by virtue of any powers conferred by the constitutional or corporate documents, or any other document, regulating the Contractor;  and a change of Control occurs if a person who Controls the Contractor ceases to do so or if another person acquires Control of the Contractor; |
| **CPET** | means the UK Government’s Central Point of Expertise on Timber, which provides a free telephone helpline and website to support implementation of the UK Government timber procurement policy; |
| **Crown Use** | in relation to a patent means the doing of anything by virtue of Sections 55 to 57 of the Patents Act 1977 which otherwise would be an infringement of the patent and in relation to a Registered Design has the meaning given in paragraph 2A(6) of the First Schedule to the Registered Designs Act 1949; |
| **Dangerous Goods** | means those substances, preparations and articles that are capable of posing a risk to health, safety, property or the environment which are prohibited by regulation, or classified and authorised only under the conditions prescribed by the:  a. Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (CDG) (as amended 2011);  b. European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR);  c. Regulations Concerning the International Carriage of Dangerous Goods by Rail (RID);  d. International Maritime Dangerous Goods (IMDG) Code;  e. International Civil Aviation Organisation (ICAO) Technical Instructions for the Safe Transport of Dangerous Goods by Air;  f. International Air Transport Association (IATA) Dangerous Goods Regulations. |
| **DBS Finance** | means Defence Business Services Finance, at the address stated in Schedule 3 (Contract Data Sheet); |
| **DEFFORM** | means the MOD DEFFORM series which can be found at <https://www.aof.mod.uk>; |
| **DEF STAN** | means Defence Standards which can be accessed at [https://www.dstan.mod.uk](http://www.dstan.mod.uk); |
| **Deliver** | means hand over the Contractor Deliverables to the Consignee. This shall include unloading, and any other specific arrangements, agreed in accordance with condition 28 and Delivered and Delivery shall be construed accordingly; |
| **DeliveryDate** | means the date as specified in Schedule 2 (Schedule of Requirements) on which the Contractor Deliverables or the relevant portion of them are to be Delivered or made available for Collection; |
| **Denomination of Quantity (D of Q)** | means the quantity or measure by which an item of material is managed; |
| **Design Right(s)** | has the meaning ascribed to it by Section 213 of the Copyright, Designs and Patents Act 1988; |
| **Diversion Order** | means the Authority’s written instruction (typically given by MOD Form 199) for urgent Delivery of specified quantities of Contractor Deliverables to a Consignee other than the Consignee stated in Schedule 3 (Contract Data Sheet); |
| **EffectiveDate of Contract** | means the date specified on the Authority’s acceptance letter; |
| **Evidence** | means either:  a. an invoice or delivery note from the timber supplier or Subcontractor to the Contractor specifying that the product supplied to the Authority is FSC or PEFC certified; or  b. other robust Evidence of sustainability or FLEGT licensed origin, as advised by CPET; |
| **Firm Price** | means a price (excluding VAT) which is not subject to variation; |
| **FLEGT** | means the Forest Law Enforcement, Governance and Trade initiative by the European Union to use the power of timber-consuming countries to reduce the extent of illegal logging; |
| **Government Furnished Assets (GFA)** | is a generic term for any MOD asset such as equipment, information or resources issued or made available to the Contractor in connection with the Contract by or on behalf of the Authority; |
| **Hazardous Contractor Deliverable** | means a Contractor Deliverable or a component of a Contractor Deliverable that is itself a hazardous material or substance or that may in the course of its use, maintenance, disposal, or in the event of an accident, release one or more hazardous materials or substances and each material or substance that may be so released; |
| **Independent Verification** | means that an evaluation is undertaken and reported by an individual or body whose organisation, systems and procedures conform to “ISO Guide 65:1996 (EN 45011:1998) General requirements for bodies operating product certification systems or equivalent”, and who is accredited to audit against forest management standards by a body whose organisation, systems and procedures conform to “ISO 17011: 2004 General Requirements for Providing Assessment and Accreditation of Conformity Assessment Bodies or equivalent”; |
| **Information** | means any Information in any written or other tangible form disclosed to one Party by or on behalf of the other Party under or in connection with the Contract; |
| **Issued Property** | means any item of Government Furnished Assets (GFA), including any materiel issued or otherwise furnished to the Contractor in connection with the Contract by or on behalf of the Authority; |
| **Legal and Sustainable** | means production and process methods, also referred to as timber production standards, as defined by the document titled “UK Government Timber Production Policy: Definition of legal and sustainable for timber procurement". The edition current on the day the Contract documents are issued by the Authority shall apply; |
| **Legislation** | means in relation to the United Kingdom any Act of Parliament, any subordinate legislation within the meaning of section 21 of the Interpretation Act 1978, any exercise of Royal Prerogative or any enforceable community right within the meaning of Section 2 of the European Communities Act 1972; |
| **Military Level Packaging (MLP)** | means Packaging that provides enhanced protection in accordance with Def Stan 81-041 (Part 1), beyond that which Commercial Packaging normally provides for the military supply chain; |
| **Military Packager Approval Scheme (MPAS)** | is a MOD sponsored scheme to certify military Packaging designers and register organisations, as capable of producing acceptable Services Packaging Instruction Sheet (SPIS) designs in accordance with Defence Standard (Def Stan) 81-041 (Part 4); |
| **Military Packaging Level (MPL)** | shall have the meaning described in Def Stan 81-041 (Part 1); |
| **MPAS Registered Organisation** | is a packaging organisation having one or more MPAS Certificated Designers capable of Military Level designs. A company capable of both Military Level and commercial Packaging designs including MOD labelling requirements; |
| **MPAS Certificated Designer** | shall mean an experienced Packaging designer trained and certified to MPAS requirements; |
| **NATO** | means the North Atlantic Treaty Organisation which is an inter-governmental military alliance based on the North Atlantic Treaty which was signed on 4 April 1949; |
| **Notices** | shall mean all Notices, orders, or other forms of communication required to be given in writing under or in connection with the Contract; |
| **Overseas** | shall mean non UK or foreign; |
| **Packaging** | Verb. The operations involved in the preparation of materiel for; transportation, handling, storage and Delivery to the user;  Noun. The materials and components used for the preparation of the Contractor Deliverables for transportation and storage in accordance with the Contract; |
| **Packaging Design Authority (PDA)** | shall mean the organisation that is responsible for the original design of the Packaging except where transferred by agreement. The PDA shall be identified in the Contract, see Annex A to Schedule 3 (Appendix – Addresses and Other Information), Box 3; |
| **Parties** | means the Contractor and the Authority, and Party shall be construed accordingly; |
| **Primary Packaging Quantity(PPQ)** | means the quantity of an item of material to be contained in an individual package, which has been selected as being the most suitable for issue(s) to the ultimate user, as described in Def Stan 81-041 (Part 1); |
| **Recycled Timber** | means recovered wood that prior to being supplied to the Authority had an end use as a standalone object or as part of a structure. Recycled Timber covers:  a. pre-consumer reclaimed wood and wood fibre and industrial by-products;  b. post-consumer reclaimed wood and wood fibre, and driftwood;  c. reclaimed timber abandoned or confiscated at least ten years previously;  it excludes sawmill co-products; |
| **Safety Data Sheet** | has the meaning as defined in the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) Regulations 2007 (as amended); |
| **Schedule of Requirements** | means Schedule 2 (Schedule of Requirements), which identifies, either directly or by reference, Contractor Deliverables to be provided, the quantities and dates involved and the price or pricing terms in relation to each Contractor Deliverable; |
| **Short-Rotation Coppice** | means a specific management regime whereby the poles of trees are cut every one to two years and which is aimed at producing biomass for energy. It is exempt from the UK Government timber procurement policy. For avoidance of doubt, Short-Rotation Coppice is not conventional coppice, which is subject to the timber policy; |
| **Specification** | means the description of the Contractor Deliverables, including any specifications, drawings, samples and / or patterns, referred to in Schedule 2 (Schedule of Requirements); |
| **STANAG4329** | means the publication NATO Standard Bar Code Symbologies which can be sourced at [https://www.dstan.mod.uk/faqs.html](http://www.dstan.mod.uk/faqs.html); |
| **Subcontractor** | means any subcontractor engaged by the Contractor or by any other subcontractor of the Contractor at any level of subcontracting to provide Contractor Deliverables wholly or substantially for the purpose of performing (or contributing to the performance of) the whole or any part of this Contract and ‘Subcontract’ shall be interpreted accordingly; |
| **Timber and Wood-Derived Products** | means timber (including Recycled Timber and Virgin Timber but excluding Short-Rotation Coppice) and any products that contain wood or wood fibre derived from those timbers. Such products range from solid wood to those where the manufacturing processes obscure the wood element; |
| **Transparency Information** | means the content of this Contract in its entirety, including from time to time agreed changes to the Contract, and details of any payments made by the Authority to the Contractor under the Contract; |
| **Virgin Timber** | means Timber and Wood-Derived Products that do not include Recycled Timber. |

**Schedule 2 - Schedule of Requirements**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Item Number | Description | Estimate | Firm Price (ex VAT) hourly rate  Year 1  2020-2021 | Firm Price (ex VAT) hourly rate  Year 2  2021-2022 | Firm Price (ex VAT) hourly rate  Year 3  2022-2023 | Firm Price (ex VAT) hourly rate  Year 4  2023-2024 |
| 1 | Provision of a mechanical and electrical repair, maintenance and installation service of equipment including machine tools, welding machines and local exhaust ventilation ***(See Statement of Requirements).*** | 150\* |  |  |  |  |
| Item Number | Description | Estimate | Firm Price (ex VAT) per item  Year 1  2020-2021 | Firm Price (ex VAT) per item  Year 2  2021-2022 | Firm Price (ex VAT) per item  Year 3  2022-2023 | Firm Price (ex VAT) per item  Year 4  2023-2024 |
| 2 | To inspect and certificate statutory inspections of Machine Tools including CNC ***(See Statement of Requirements, Refer Annex B RED lines once per year)*** | 220\* |  |  |  |  |
| 3a | To inspect and certificate statutory inspections of Machine Tools including CNC ***(See Statement of Requirements, Annex B BLUE lines twice per year)*** | 18\* |  |  |  |  |
| 4a | To service, test and certificate local exhaust ventilation – ***(See Statement of Requirements, once per year).*** | 60\* |  |  |  |  |
| 5a | To calibrate and validate welding machines and associated machinery ***(See Statement of Requirements, once per year).*** | 50\* |  |  |  |  |

**Schedule 3 - Contract Data Sheet**

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| **General Conditions** |
| **Condition 2 – Duration of Contract:**          The Contract expiry date shall be: 15 November 2024 |
| **Condition 4 – Governing Law:**  Contract to be governed and construed in accordance with:  English Law  Solicitors or other persons based in England and Wales (or Scotland if Scots Law applies) irrevocably appointed for Contractors without a place of business in England (or Scotland, if Scots Law applies) in accordance with clause 4.g (if applicable) are as follows:  N/A |
| **Condition 8 – Authority’s Representatives:**  The Authority’s Representatives for the Contract are as follows:  Commercial: Karen Wiley (as per DEFFORM 111)  Project Managers: Lisa Cook and Lt Gary Miles (as per DEFFORM 111) |
| **Condition 19 – Notices:**  Notices served under the Contract shall be sent to the following address:  Authority: Air Commercial, S104 Flowerdown Hall, RAF Cosford, WV7 3EX (as per DEFFORM 111)  Contractor:  Notices can be sent by electronic mail? Yes |
| **Condition 20.a – Progress Meetings:**  The Contractor shall be required to attend the following meetings:  Monthly progress meetings |
| **Condition 20.b – Progress Reports:**  The Contractor is required to submit the following Reports: N/A  Reports shall be Delivered to the following address: N/A |

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| **Supply of Contractor Deliverables** |
| **Condition 21 – Quality Assurance:**  Is a Deliverable Quality Plan required for this Contract? No  If required, the Deliverable Quality Plan must be set out as defined in AQAP 2105 and delivered to the Authority (Quality) within 0 Business Days of Contract Award. Once agreed by the Authority the Quality Plan shall be incorporated into the Contract. The Contractor shall remain at all times solely responsible for the accuracy, suitability and applicability of the Deliverable Quality Plan.  Other Quality Assurance Requirements: |
| **Condition 22 – Marking of Contractor Deliverables:**          Special Marking requirements: N/A |
| **Condition 24 - Supply of Data for Hazardous Contractor Deliverables, Materials and Substances:**  A completed Schedule 6 (Hazardous Contractor Deliverables, Materials or Substance Statement), and if applicable, Safety Data Sheet(s) are to be provided by e-mail with attachments in Adobe PDF or MS WORD format to:  a) The Authority’s Representative (Commercial)  b) Defence Safety Authority – DSA-DLSR-MovTpt-DGHSIS@mod.uk  to be Delivered no later than one (1) month prior to the Delivery Date for the Contract Deliverable or by the following date: |
| **Condition 25 – Timber and Wood-Derived Products:**  A completed Schedule 7 (Timber and Wood-Derived Products Supplied under the Contract: Data Requirements) is to be provided by e-mail with attachments in Adobe PDF or MS WORD format to the Authority’s Representative (Commercial)  to be Delivered by the following date: N/A |
| **Condition 26 – Certificate of Conformity:**  Is a Certificate of Conformity required for this Contract? No  Applicable to Line Items:  If required, does the Contractor Deliverables require traceability throughout the supply chain?  No |
| **Condition 28.b – Delivery by the Contractor:**  The following Line Items are to be Delivered by the Contractor:  As per the SOR    Special Delivery Instructions:  N/A  Each consignment is to be accompanied by a DEFFORM 129J. |
| **Condition 28.c - Collection by the Authority:**  The following Line Items are to be Collected by the Authority:  None  Special Delivery Instructions:    N/A  Each consignment is to be accompanied by a DEFFORM 129J.  Consignee details (in accordance with condition 23):  Line Items: Address: HMS Sultan, Military Road, Gosport, PO12 3BY |
| **Condition 30 – Rejection:**  The default time limit for rejection of the Contractor Deliverables is thirty (30) days unless otherwise specified here: |
| **Condition 32 – Self-to-Self Delivery:**  Self-to-Self Delivery required? No  If required, Delivery address applicable: N/A |

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| **Pricing and Payment** |
| **Condition 35 – Contract Price:**  All Schedule 2 line items shall be FIRM Price other than those stated below:  Line Items - N/A |

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| **Termination** |
| **Condition 42 – Termination for Convenience:**  The Notice period for terminating the Contract shall be twenty (20) days unless otherwise specified here: |

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| **Other Addresses and Other Information** *(forms and publications addresses and official use information)* |
| See Annex A to Schedule 3 (DEFFORM 111) |

**Schedule 4 - Contract Change Control Procedure (i.a.w. Clause 6b)**

**Contract No:**

**1.** **Authority Changes**

Subject always to Condition 6 (Amendments to Contract), the Authority shall be entitled, acting reasonably, to require changes to the Contractor Deliverables (a " Change") in accordance with this Schedule 4.

**2.** **Notice of Change**

a. If the Authority requires a Change, it shall serve a Notice (an "Authority Notice of Change") on the Contractor.

b. The Authority Notice of Change shall set out the change required to the Contractor Deliverables in sufficient detail to enable the Contractor to provide a written proposal (a "Contractor Change Proposal") in accordance with clause 3 below.

**3.** **Contractor Change Proposal**

a. As soon as practicable, and in any event within fifteen (15) Business Days (or such other period as the Parties may agree) after having received the Authority Notice of Change, the Contractor shall deliver to the Authority a Contractor Change Proposal.

b. The Contractor Change Proposal shall include:

1. the effect of the Change on the Contractor’s obligations under the Contract;

2. a detailed breakdown of any costs which result from the Change;

3. the programme for implementing the Change;

4. any amendment required to this Contract as a result of the Change, including, where appropriate, to the Contract Price; and

5. such other information as the Authority may reasonably require.

c. The price for any Change shall be based on the prices (including all rates) already agreed for the Contract and shall include, without double recovery, only such charges that are fairly and properly attributable to the Change.

**4.** **Contractor Change Proposal – Process and Implementation**

a. As soon as practicable after the Authority receives a Contractor Change Proposal, the Authority shall:

1. evaluate the Contractor Change Proposal;

2. where necessary, discuss with the Contractor any issues arising and following such discussions the Authority may modify the Authority Notice of Change and the Contractor shall as soon as practicable, and in any event not more than ten (10) Business Days (or such other period as the Parties may agree) after receipt of such modification, submit an amended Contractor Change Proposal.

b. As soon as practicable after the Authority has evaluated the Contractor Change Proposal (amended as necessary) the Authority shall:

1. indicate its acceptance of the Change Proposal by issuing an amendment to the Contract in accordance with Condition 6 (Amendments to Contract); or

2. serve a Notice on the Contractor rejecting the Contractor Change Proposal and withdrawing (where issued) the Authority Notice of Change.

c. If the Authority rejects the Change Proposal it shall not be obliged to give its reasons for such rejection.

d. The Authority shall not be liable to the Contractor for any additional work undertaken or expense incurred unless a Contractor Change Proposal has been accepted in accordance with Clause 4b.(1) above.

**5.** **Contractor Changes**

If the Contractor wishes to propose a Change, it shall serve a Contractor Change Proposal on the Authority, which shall include all of the information required by Clause 3b above, and the process at Clause 4 above shall apply.

**Schedule 5 - Contractor's Commercial Sensitive Information Form (i.a.w. condition 13)**

**Contract No:**

|  |
| --- |
| Contract No: 700261333 |
| Description of Contractor’s Commercially Sensitive Information: |
| Cross Reference(s) to location of sensitive information: |
| Explanation of Sensitivity: |
| Details of potential harm resulting from disclosure: |
| Period of Confidence (if applicable): |
| Contact Details for Transparency / Freedom of Information matters:  Name:  Position:  Address:  Telephone Number:  Email Address: |

**Schedule 6 -** **Hazardous Contractor Deliverables, Materials or Substances Supplied under the Contract**

**Data Requirements for Contract No: 700261333**

**Hazardous Contractor Deliverables, Materials or Substances**

**Statement by the Contractor**

Contract No:

Contract Title:

Contractor:

Date of Contract:

\* To the best of our knowledge there are no hazardous Contractor Deliverables, materials or substances to be supplied.

\* To the best of our knowledge the hazards associated with materials or substances to be supplied under the Contract are identified in the Safety Data Sheets (Qty:     ) attached in accordance with condition 24.

Contractor’s Signature:

Name:

Job Title:

Date:

\* check box () as appropriate

To be completed by the Authority

Domestic Management Code (DMC):

NATO Stock Number:

Contact Name:

Contact Address:

Copy to be forwarded to:

Hazardous Stores Information System (HSIS)

Department of Safety & Environment, Quality and Technology (D S & EQT)

Spruce 2C, #1260

MOD Abbey Wood (South)

Bristol BS34 8JH

Emails to be sent to:

DESTECH-QSEPEnv-HSISMulti@mod.gov.uk

**DEFFORM 111**

**DEFFORM 111**

**Appendix - Addresses and Other Information**

**1. Commercial Officer**

Name: Karen Wiley

Address: S104 Flowerdown Hall, RAF Cosford, Wolverhampton, WV7 3EX

Email: Karen.wiley895@mod.gov.uk         01902 704651

**2. Project Manager, Equipment Support Manager or PT Leader** (from whom technical information is available)

Name: Lisa Cook

Address HMS Sultan, Military Road, Gosport PO12 3BY

Email: Lisa.cook294@mod.gov.uk                 02392 542301

Name: Lt (RN) Gary Miles

Address HMS Sultan, Military Road, Gosport PO12 3BY

Email: Gary.miles981@mod.gov.uk                 02392 542555

**3. Packaging Design Authority** Organisation & point of contact:

N/A

(Where no address is shown please contact the Project Team in Box 2)

 N/A

**4. (a) Supply / Support Management Branch or Order Manager:**

**Branch/Name:** N/A

N/A

**(b) U.I.N.** N/A

**5. Drawings/Specifications are available from** N/A

**6.** **Intentionally Blank**

**7.** **Quality Assurance Representative:** Lt (RN) Gary Miles, details at item 2 of DEFFORM 111

Commercial staff are reminded that all Quality Assurance requirements should be listed under the General Contract Conditions.

**AQAPS** and **DEF STANs** are available from UK Defence Standardization, for access to the documents and details of the helpdesk visit http://dstan.uwh.diif.r.mil.uk/  [intranet] or https://www.dstan.mod.uk/ [extranet, registration needed].

**8. Public Accounting Authority**

1. Returns under DEFCON 694 (or SC equivalent) should be sent to DBS Finance ADMT – Assets In Industry 1, Level 4 Piccadilly Gate, Store Street, Manchester, M1 2WD

 44 (0) 161 233 5397

2. For all other enquiries contact DES Fin FA-AMET Policy, Level 4 Piccadilly Gate, Store Street, Manchester, M1 2WD

 44 (0) 161 233 5394

**9. Consignment Instructions** The items are to be consigned as follows: N/A

**10. Transport.** The appropriate Ministry of Defence Transport Offices are:

**A. DSCOM**, DE&S, DSCOM, MoD Abbey Wood, Cedar 3c, Mail Point 3351, BRISTOL BS34 8JH

Air Freight Centre

IMPORTS  030 679 81113 / 81114 Fax 0117 913 8943

EXPORTS  030 679 81113 / 81114 Fax 0117 913 8943

Surface Freight Centre

IMPORTS  030 679 81129 / 81133 / 81138 Fax 0117 913 8946

EXPORTS  030 679 81129 / 81133 / 81138 Fax 0117 913 8946

**B.JSCS**

JSCS Helpdesk No. 01869 256052 (select option 2, then option 3)

JSCS Fax No. 01869 256837

[www.freightcollection.com](http://www.freightcollection.com/)

**11. The Invoice Paying Authority**

Ministry of Defence, DBS Finance, Walker House, Exchange Flags Liverpool, L2 3YL

 0151-242-2000 Fax: 0151-242-2809

**Website is:** [https://www.gov.uk/government/organisations/ministry-of-defence/about/procurement#invoice-processing](#https://www.gov.uk/government/organisations/ministry_of_defence/about/procurement)

**12. Forms and Documentation are available through \*:**

Ministry of Defence, Forms and Pubs Commodity Management PO Box 2, Building C16, C Site, Lower Arncott, Bicester, OX25 1LP (Tel. 01869 256197 Fax: 01869 256824)

**Applications via fax or email:** [Leidos-FormsPublications@teamleidos.mod.uk](mailto:Leidos-FormsPublications@teamleidos.mod.uk)

**\* NOTE**

**1.** Many **DEFCONs** and **DEFFORMs** can be obtained from the MOD Internet Site: <https://www.aof.mod.uk/aofcontent/tactical/toolkit/index.htm>

2. If the required forms or documentation are not available on the MOD Internet site requests should be submitted through the Commercial Officer named in Section 1.

**Deliverables**

**Deliverables Note**

This matrix is intended to provide an overview of the parties’ contractual obligations to assist with contract management. It does not form part of the contract and should not be relied upon to aid interpretation of the contract. In the event of any conflict, inconsistency or discrepancy between this matrix and the contract, the terms of the contract shall take precedence.

**Supplier Contractual Deliverables**

Supplier Contractual Deliverables

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Description | Due | Responsible Party |
| Obligation Condition 36.c - Payment | no later than 30 days from receipt of valid undisputed invoice |  | Supplier Organization |
| Obligation Condition 37.c - Notification of applicable VAT | Notification of VAT liability or changes to it |  | Supplier Organization |
| Obligation Clause Condition 42.f - Subcontract Termination | inclusion of Termination clause in subcontracts over £250,000 |  | Supplier Organization |
| Obligation Condition 1.c.(2) - Notification of litigation | Notification of; Litigation, arbitration, administrative, adjudication or mediation proceedings against itself or a Subcontractor |  | Supplier Organization |
| Obligation Condition 1.c.(4) - Notification of Winding-up | Notice of any proceedings or steps taken for its winding-up or dissolution or for the appointment of a receiver, administrator, liquidator, |  | Supplier Organization |
| Obligation Condition 5.b - Notice of inconsistency between contract documents | If either Party becomes aware of any inconsistency within or between Contractual documents they shall notify the other Party forthwith |  | Supplier Organization |
| Obligation Condition 18.a - Contractors Records (reminder) | maintain all records in connection with the Contract for a period of at least six (6) years |  | Supplier Organization |
| Obligation Condition 20.a - Attendance at Progress Meetings | attend progress meetings at the frequency or times specified in the contract |  | Supplier Organization |
| Obligation Condition 16.a - Change of Control of Contractor | Written Notification of any intended, planned or actual change in control of the Contractor, including any Sub-contractors. |  | Supplier Organization |
| Obligation Condition 16.b - Notification of Concern due to Change of Control | advise the Contractor in writing of any concerns due to Change of Control |  | Supplier Organization |
| Obligation Condition 23.e, 24.a, and 24.c - Safety Data Sheet | provide a Safety Data Sheet in respect of each Dangerous/Hazardous Material or substance supplied or deliverable containing such. |  | Supplier Organization |
| Obligation Condition 24.d - Schedule 6 hazardous Contractor Deliverables, Materials or Substances Supplied under the Contract: Data Requirements | a completed Schedule 6 (Hazardous Contractor Deliverables, Materials or Substances Supplied under the Contract: Data Requirements) |  | Supplier Organization |

**Buyer Contractual Deliverables**

Buyer Contractual Deliverables

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Description | Due | Responsible Party |
| Obligation Condition 36.a - Register on CP&F | provide details for registration on CP&F |  | Buyer Organization |
| Obligation Condition 42.a - Termination | Written notice of Termination of part or whole of contract |  | Buyer Organization |
| Obligation Condition 5.b - Notice of inconsistency between contract documents | If either Party becomes aware of any inconsistency within or between Contractual documents they shall notify the other Party forthwith |  | Buyer Organization |
| Obligation Condition 8.c - Change in Authority Representatives | Written confirmation of any change to the Authorities Representatives |  | Buyer Organization |

**Quality Assurance Conditions**

**No Specific QMS**

No Specific Quality Management System requirements are defined. This does not relieve the Supplier of providing conforming Products under this Contract.

**Statement of Requirement**

**The Provision of Mechanical and Electrical Repair, Statutory Maintenance and Installation of Equipment**

**Including: Machine Tools, Welding Machines and Local Exhaust Ventilation at HMS Sultan for the period 15 November 2020 to 15 November 2024**

**Scope of Requirement**

1. HMS Sultan holds a large quantity of equipment used for training and in support of training, which includes career courses in Mechanical and Electrical engineering principles. The statutory maintenance and support of the equipment is essential to ensure minimum downtime and disruption to the courses in the event of equipment failure. Annex B details an indicative list of equipment to be overseen. However, it should be noted that this list of equipment requiring statutory maintenance and/or repair can change and cannot be taken as definitive. New equipment may be added or removed as training needs are updated.

1. The scope of electrical repairs and tasks includes installation design, actual installation, repairs, modifications and enhancements associated with Training Facilities, Equipment and Machinery.
2. The scope of mechanical repairs and tasks includes installation design, actual installation, repairs, modifications and enhancements associated with Training Facilities, Equipment and Machinery. Typically these machines include: Centre Lathes, Milling Machines, Grinders, Sheet Metal working machines, Drills, Wood Working Machinery, CNC controls on various machinery; supporting Hydraulic pipe work and valves, fuel and water pipe work; Local Exhaust Ventilation (LEV) examination, service and repair; Welding Equipment calibration, service and repair. The above listed training equipment is in support of, and essential to, training delivery.

1. This Statement of Requirement addresses the provision of Mechanical and Electrical support to undertake various tasks but not limited or inclusive to:
   1. Undertaking various mechanical or electrical repairs as required.
   2. To isolate services, such as electrics, hydraulics, ventilation, water etc. to redundant equipment.
   3. To remove redundant equipment and transport to holding site location as required, for disposal by others.
   4. To install new or replacement equipment including reconnection of all required services to the equipment.
   5. To undertake repair and renewal of supply services such as electrics, hydraulics, ventilation, water etc. to training equipment in workshops and classrooms.
   6. To provide design services for modifications to existing training equipment and installation of replacement training equipment.
   7. To undertake improvements to exhaust ventilation systems in workshops and classrooms for training equipment where required.
   8. To undertake upgrading of equipment to enhance training facilities in workshops and classrooms to support training where required.
   9. To undertake improvements and repair to lighting systems in workshops and classrooms to training equipment where required.

**Machine Tools**

1. To undertake all variations of electrical and mechanical repairs, servicing, statutory and maintenance routines on machine tools including Computer Numerical Controls (CNC) and to supply written report and Supplier’s own certification on completion.
2. All materials (including consumables and spares) required to carry out the task shall be supplied by the Supplier unless otherwise stated.
3. All the work shall be undertaken without MOD assistance unless otherwise stated and agreed.
4. To attend monthly meeting to discuss and view the requirement of the task to identify any areas of concern prior to the Supplier supplying a price. Repairs shall be given a limit of liability to enable investigation and simple repairs to be undertaken. Further works and costs will be subject to evaluation of quotes and approval of the Authority’s Project Manager.
5. Local exhaust ventilation: To carry out service, testing and certification of local exhaust ventilation in compliance with controlling airborne contaminants at work (HSG258 3rd Edition) and control of substances hazardous to health (COSHH) regulations 2002. To supply and fit new filters as required and supply written report and certification on completion.

**Definitions**

1. In addition to the definitions detailed in the Terms and Conditions of the Contract the following definitions shall also apply. Where the definitions below contrast to those detailed in the Terms and Conditions of the Contract then the definitions within the Terms and Conditions of the Contract shall take precedence.

|  |  |
| --- | --- |
| Term | Definition |
| Supplier’s Personal Use | Means any use of MOD furnished property, facilities or equipment intended for the primary benefit of the Supplier or the Supplier’s Personnel which is contrary to the MOD’s interests is considered personal use. |
| Supplier’s Personnel | Means any employees, including Sub-Suppliers or other agents working on behalf of the Supplier, shall be deemed the Supplier’s Personnel. |

1. In addition to the abbreviations and acronyms detailed in the Terms and Conditions of the Contract the following abbreviations and acronyms will be used.

|  |  |
| --- | --- |
| Abbreviation or Acronym | Interpretation |
| ACoP | Approved Code of Practice |
| AP | Approved Person |
| BPSS | Baseline Personnel Security Standard |
| BCGA CP7 | British Compressed Gases Association Code of Practice 7 |
| CNC | Computer Numerical Controls |
| COSHH | Control Of Substances Hazardous to Health |
| DO | Designated Officer |
| EAWR | Electricity at Work Regulations |
| ESO | Engineering Support Office |
| HSG | Health & Safety Executive Guidance |
| HMS | Her Majesty’s Ship |
| IET | Institution of Engineering and Technology |
| LEV | Local Exhaust Ventilation |
| LOLER | Lifting Operations and Lifting Equipment Regulations |
| MHSWR | Management of Health and Safety at Work Regulations |
| MIG | Metal Inert Gas |
| MOD | Ministry of Defence |
| MMA | Manual Metal Arc |
| NICEIC | National Inspection Council for Electrical Installation Contracting |
| PUWER | Provision and Use of Work Equipment Regulations |
| RN | Royal Navy |
| SC | Security Check |
| SoR | Statement of Requirement |
| SOTR | Staff Officer Training Resources |
| TIG | Tungsten Inert Gas |

**References**

1. In addition to the references detailed in the Terms and Conditions of the Contract the following references shall also apply as well as any subsequent revisions and amendments to the references. This list does not absolve the Supplier from conforming to any other relevant publications.

|  |  |
| --- | --- |
| Reference | Version |
| Controlling Airborne Contaminants at Work – A guide to local exhaust ventilation | HSG258  3rd Edition |
| The Control of Substances Hazardous to Health Regulations 2002 (as amended) – Approved Code of Practice and Guidance (COSHH) | L5 6th Edition |
| Electricity at Work Regulations 1989 - memorandum of Guidance on Regulations (EAWR) | HSR25  3rd Edition |
| Government Security Classifications | 1.0 |
| Health and Safety at Work etc. Act 1974 | c. 37 |
| IET Wiring Regulations 18th Edition | BS 7671: 2018 |
| Lifting operations and Lifting Equipment Regulations 1998 – Approved Code of Practice and Guidance (LOLER) | L113 2nd Edition |
| Management of Health and Safety at Work Regulations 1999 - Approved Code of Practice and Guidance (MHSWR) | L21 2nd Edition |
| Provision and Use of Work Equipment Regulations 1998 – Approved Code of Practice and Guidance (PUWER) | L22 4th Edition |
| British Compressed Gases Association Code of Practice 7 – The safe use of Oxy-Fuel | BCGA CP7 |

**Site**

1. The Site for the delivery of all services is HMS Sultan. HMS Sultan is located in Military Road, Gosport, Hampshire PO12 3BY

**Security & Site Access**

1. All information related to or generated by this Contract is to be treated in the appropriate manner in accordance with Government Security Classifications. The classification of the material to be handled shall not exceed OFFICIAL in nature.
2. The successful Suppliers will be required to complete a Basic Security Check Standard Application which shall allow unescorted access to the site on successful clearance. Until clearance has been achieved Suppliers shall be escorted whilst on the site. The Authority will bear no costs incurred by the Supplier or any employees of the Supplier for BPSS or SC checks.

**Safety and Environmental Provisions**

1. When on the Site the Supplier is to comply with all MOD Safety, Health and Environmental Protection regulations and policy.
2. Prior to work commencing, the Supplier will be required to forward the following:
   * + 1. Risk Assessment.
       2. Method Statement.
       3. Copy of the company's Health and Safety Policy.
       4. History of the company's safety performance.
       5. Certification and tests of plant and equipment being employed.
       6. COSHH assessments for any hazardous materials being brought and used on site.
3. Supplier shall supply all tools and lifting equipment (with current certification) and any other equipment as necessary to complete the task. The Supplier shall provide certification on request by the Authority.
4. Supplier shall be NICEIC approved and registered. All electrical work shall be carried out in accordance with the Electricity at Work Regulations 1989 and IET Wiring Regulations 18th Edition BS 7671:2018.
5. All work shall be carried out in accordance with all current Regulations and standards appertaining to the type of work undertaken.
6. Supplier's electrical staff must be certified by the Establishment electrical Approved Person (AP). To obtain certification individual electricians/electrical fitters shall:
   * + 1. Prove their competence by showing original indentures and current 18th Edition IET course certification etc.
       2. Hold a basic First Aid certificate.
       3. Be in possession of Approved test equipment, personal locks and signs.
7. Supplier's mechanical staff that may be required to work on pressure systems must be certified by the Establishment Approved Person (AP). To obtain certification individual fitters shall:
   * + 1. Prove their competence by showing original indentures, course certification etc.
       2. Hold a basic First Aid certificate.

**Work Orders**

1. Work Orders (ESS7 – Annex C), shall be issued and provides authority to the Supplier to attend site and undertake the work. Acknowledgement of the order along with the details of who is attending, when and vehicle details forms an audit trail and prevents undue delay at the security gate when attending site.
2. The Supplier’s engineer attending site shall report to the nominated HMS Sultan point of contact as detailed on the ESS7 form on arrival and again on completion of the site visit. The Supplier’s engineer shall obtain a signature on Part 3 of the works order (ESS7) which forms part of the audit trail.

**Hours of Operation**

1. All services to the Site shall be delivered between the hours of 08:00 - 16:00 on weekdays with exception of recognised UK Bank Holidays and Public Holidays. Work outside of these hours will only be undertaken following formal approval by the Authority.

**Worksite**

1. The worksite is to be kept clean and tidy at all times.

**Points of Contact**

1. Authority’s Designated Officer:

Ms Lisa Cook

Business Development Officer

Room 7, Allied Trades 1

HMS SULTAN

Military Road

Gosport

PO12 3BY

Telephone number: 02392 542301

1. Authority’s Project Officer:

Lt Gary Miles

Future Training Officer

Defence School of Marine Engineering (DSMarE)

HMS SULTAN

Military Road

Gosport

PO12 3BY

Telephone number: 02392 546149

1. Maintenance Co-Ordinator:

Mr Jim Casey

Maintenance Co-Ordinator (MMS-COORD)

Room 1-34, Parsons Building

HMS SULTAN

Military Road

Gosport

PO12 3BY

Telephone number: 02392 543180, 02392 542294, 02392 546149

1. Training Equipment Support Manager

Mr John Abbatt

Training Equipment Support Manager (TESM)

Room 1-29, Parsons Building

HMS SULTAN

Military Road

Gosport

PO12 3BY

Telephone number: 02392 546174

**Annex A to**

**Statement of Requirement**

**For Mechanical and Electrical Maintenance Contract**

**Dated June 2020**

Table 1– Deliverable Requirements

| Ref | Requirement | Additional Information | Quantity | Standard of Performance |
| --- | --- | --- | --- | --- |
|  | To investigate and carry out all types of electrical and mechanical repairs, statutory servicing and fault rectification on Machine Tools, including Computer Numerical Controls (CNC) machines. | Legally required to provide safe equipment for use in connection with training. Where the safety of equipment depends on the installation conditions or is exposed to conditions causing deterioration liable to result in dangerous situations, equipment must be inspected to identify whether it can be operated, adjusted and maintained safely. Undertaking this on a regular basis can help detect any deterioration and enable action before it results in any health and safety risk. | 1 per year Statutory maintenance  & as and when required. | PUWER 1998. Regulation 6.  Manufacturer's recommended use and maintenance guidance. |
|  | To investigate and carry out various electrical repairs to training and associated equipment and supply services to the equipment. | Electrician/Electrical fitter to be certified by Establishment Approved Person (AP). | As and when required. | In accordance with:  EAWR 1989 and  IET Wiring Regulations 18th Edition BS 7671:2018. |
|  | To investigate and carry out various mechanical repairs to training and associated equipment and supply services to the equipment. | If required to work on Pressure Systems, the Fitter to be certified by Establishment Approved Person (AP). | As and when required. | PUWER 1998. Regulation 6.  Manufacturer's recommended use and maintenance guidance. |
|  | To isolate and disconnect all electrical and mechanical services to redundant equipment prior to removal. | Risk Assessment and Method Statement required prior to any works commencing. | As and when required. | PUWER 1998. Regulation 6.  LOLER 1998 A Cop L113 2nd Ed.  EAWR 1989 and  BS 7671:2018 IET Wiring Regulations 18th Ed. |
|  | To remove and transport redundant equipment from training area to holding location within HMS Sultan. | Risk Assessment and Method Statement required prior to any works commencing. | As and when required. | LOLER 1998 ACoP L113 2nd Ed.  PUWER 1998 |
|  | To install new / replacement training equipment and all associated supply services as required to operate the equipment. | Risk Assessment and Method Statement required prior to any works commencing. | As and when required. | PUWER 1998. Regulation 6.  LOLER ACoP L113 2nd Edition  EAWR 1989 and  BS 7671:2018 IET Wiring Regulations 18th Edition. |
|  | To provide design services and manufacture modifications to training equipment to enhance safety of the training facilities. | Also, to provide design services to assist replacement training equipment and the utilisation of existing services to provide better value for money to the crown. | As and when required. | PUWER 1998. Regulation 6.  LOLER ACoP L113 2nd Edition  EAWR 1989 and  BS 7671:2018 IET Wiring Regulations 18th Edition. |
|  | To inspect and certificate statutory inspections of Machine Tools including CNC. | Refer Annex B RED lines  Refer Annex B BLUE lines | 1 per year  2 per year | PUWER 1998. Regulation 6.  EAWR 1989 and  BS 7671:2018 IET Wiring Regulations 18th Edition. |
|  | To service, test and certificate local exhaust ventilation | Risk Assessment and Method Statement required prior to any works commencing. | 1 per year | COSHH 2002.  HSG 258 3rd Edition |
|  | To calibrate and validate welding machines and associated machinery | Risk Assessment and Method Statement required prior to any works commencing. | 1 per year | BCGA CP7 |
|  | Acknowledge receipt of emergency situation  within four hours of notification and agree course of action by email with MMS-COORD within 3 working days. | Refer to point 23 in SOR for normal hours of operation. |  |  |

**Annex B to Statement of Requirement**

**For Mechanical and Electrical Maintenance Contract**

**Dated June 2020**

Table 2 – Equipment List

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| ALLIED TRADES | SN 1075 | WOODWORK SECTION | DRILL, PORTABLE (DEWALT) | 463812136 |
| ALLIED TRADES | SN 1502 | WOODWORK SECTION | SAW, COMPOUND MITRE (DEWALT) |  |
| ALLIED TRADES | SN 804820 | GRP WORKSHOP | SAND BLASTER (GUYSON EUROBLAST) |  |
| ALLIED TRADES | SN 6508053 | GRP ABRADING ROOM | PUMP, VACUUM RV5 (EDWARDS) |  |
| ALLIED TRADES | SN 6843415 | GRP ABRADING ROOM | HEATER, IR TRISK |  |
| ALLIED TRADES | SN 16H177 | GRP WORKSHOP | OVEN, (GENLab LCO/9V/PDIG) |  |
| ALLIED TRADES | SN 2004C111 | GRP ABRADING ROOM | CUTTER, AIR DRIVEN (GEORGE RENUALT) |  |
| ALLIED TRADES | SN B7481 | GRP ABRADING ROOM | GRINDER, AIR DRIVEN (ATA) |  |
| ALLIED TRADES | SN CA1719 | SHEET METAL | FOLDER, 40" (EDWARDS) |  |
| ALLIED TRADES | ELU S/N 538384 | WOODWORK SECTION | LEV SYSTEM, MOBILE ROUTER TABLE |  |
| ALLIED TRADES | FM508 | COPPERSMITH 1 | SAW, CIRCULAR CHOP (STARTRITE C350D) |  |
| ALLIED TRADES | FM543 | CAREER WELDING | WELDING MACHINE, TIG 353i (MUREX) |  |
| ALLIED TRADES | FM544 | CAREER WELDING | WELDING MACHINE, TIG (MUREX) |  |
| ALLIED TRADES | FM545 | CAREER WELDING | WELDING MACHINE, TIG 353i (MUREX) |  |
| ALLIED TRADES | FM546 | CAREER WELDING | WELDING MACHINE, TIG 353i (MUREX) |  |
| ALLIED TRADES | FM547 | CAREER WELDING | WELDING MACHINE, TIG 353i (MUREX) |  |
| ALLIED TRADES | FM548 | CAREER WELDING | WELDING MACHINE, TIG 353i (MUREX) |  |
| ALLIED TRADES | FM549 | CAREER WELDING | WELDING MACHINE, TIG 353i (MUREX) |  |
| ALLIED TRADES | FM550 | CAREER WELDING | WELDING MACHINE, TIG 353i (MUREX) |  |
| ALLIED TRADES | FM551 | CAREER WELDING | WELDING MACHINE, TIG 353i (MUREX) |  |
| ALLIED TRADES | FM552 | CAREER WELDING | WELDING MACHINE, TIG 353i (MUREX) |  |
| ALLIED TRADES | FM568 | SPECIAL WELD AREA 1 | NIBBLER, MMA (TRUMPF TKF1500+) |  |
| ALLIED TRADES | FM571 | WOODWORK SECTION | SAW, PANEL (ROBLAND Z320) |  |
| ALLIED TRADES | FM588 | O/A CUTTING AREA | FAN, EXTRACTOR (AUTO) |  |
| ALLIED TRADES | FM589 | O/A CUTTING AREA | FAN, EXTRACTOR (MANUAL) |  |
| ALLIED TRADES | FM599 | WOODWORK SECTION | BANDSAW, ( WADKIN PBR-HD) |  |
| ALLIED TRADES | FM611 | COPPERSMITH 1 | DRILL, PILLAR (STARTRITE) |  |
| ALLIED TRADES | FM612 | COPPERSMITH 1 | DRILL, PILLAR (STARTRITE) |  |
| ALLIED TRADES | FM613 | COPPERSMITH 1 | DRILL, PILLAR (STARTRITE) |  |
| ALLIED TRADES | FM617 | COPPERSMITH 1 | DRILL, PILLAR (STARTRITE) |  |
| ALLIED TRADES | FM620 | COPPERSMITH 1 | PIPE BENDER, RIDGRD 3802 HYDRAULIC |  |
| ALLIED TRADES | FM627 | COPPERSMITH 1 | PIPE BENDER, RIDGRD 3802 HYDRAULIC |  |
| ALLIED TRADES | FM628 | WORKSHOPS | WELDING MACHINE, MIG MOBILE (MUREX) SN04K/1169 |  |
| ALLIED TRADES | FM638 | COPPERSMITH 2 | LEV NEDERMAN |  |
| ALLIED TRADES | FM639 | COPPERSMITH 2 | LEV NEDERMAN |  |
| ALLIED TRADES | FM640 | COPPERSMITH 2 | LEV NEDERMAN |  |
| ALLIED TRADES | FM641 | COPPERSMITH 2 | LEV NEDERMAN |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| ALLIED TRADES | FM642 | SHEET METAL | LEV SYSTEM, (NEDERMAN) |  |
| ALLIED TRADES | FM644 | SHEET METAL | FOLDER, 48" (MORGAN RUSHWORTH) BP50/16/59521004F/206 |  |
| ALLIED TRADES | FM645 | SHEET METAL | FOLDER, 48" (MORGAN RUSHWORTH) BP50/16/598110047/206 |  |
| ALLIED TRADES | FM700 | WORKSHOPS | CUTTER, MOBILE PLASMA (MUREX) |  |
| ALLIED TRADES | FM701 | CAREER WELDING | WELDING MACHINE, MIG (MUREX) |  |
| ALLIED TRADES | FM702 | CAREER WELDING | WELDING MACHINE, MIG (MUREX) |  |
| ALLIED TRADES | FM703 | CAREER WELDING | WELDING MACHINE, MIG (MUREX) |  |
| ALLIED TRADES | FM704 | CAREER WELDING | WELDING MACHINE, MIG (MUREX) |  |
| ALLIED TRADES | FM705 | CAREER WELDING | WELDING MACHINE, MIG (MUREX) |  |
| ALLIED TRADES | FM706 | CAREER WELDING | WELDING MACHINE, MIG (MUREX) |  |
| ALLIED TRADES | FM707 | CAREER WELDING | WELDING MACHINE, MIG (MUREX) |  |
| ALLIED TRADES | FM708 | CAREER WELDING | WELDING MACHINE, MIG (MUREX) |  |
| ALLIED TRADES | FM710 | O/A WELDING | NIBBLER, PLATE (TRUMPF TKF1500+) |  |
| ALLIED TRADES | FM711 | CAREER WELDING | FAN, FUME DUSTRACTION |  |
| ALLIED TRADES | FM712 | O/A WELDING | NIBBLER CABINET |  |
| ALLIED TRADES | FM716 | Spl Wld Anx BAY 4 | WELDING MACHINE, MIG/MAG 326S (MUREX) |  |
| ALLIED TRADES | FM717 | Spl Wld Anx BAY 3 | WELDING MACHINE, MIG/MAG 326S (MUREX) |  |
| ALLIED TRADES | FM718 | Spl Wld Anx BAY 9 | WELDING MACHINE, MIG/MAG 326S (MUREX) |  |
| ALLIED TRADES | FM719 | Spl Wld Anx BAY 2 | WELDING MACHINE, MIG/MAG 326S (MUREX) |  |
| ALLIED TRADES | FM728 | WOODWORK SECTION | HEATER, STRIP SHEET 380 (CR CLARKE) |  |
| ALLIED TRADES | FM729 | WOODWORK SECTION | HEATER, HOT WIRE STRIP (CR CLARKE) |  |
| ALLIED TRADES | FM752 | WOODWORK SECTION | PLANER, THICKNESSER (FORMAT) |  |
| ALLIED TRADES | FM754 | COPPERSMITH 1 | PIPE BENDER, RIGID |  |
| ALLIED TRADES | FM756 | WOODWORK SECTION | LIFT, SCISSOR (KIESER KRAFT) |  |
| ALLIED TRADES | FM766 | WOODWORK SECTION | PLANER, THICKNESSER (WADKIN) AT630 |  |
| ALLIED TRADES | No 2 | WOODWORK SECTION | EXTENSION LEAD, TWIN SOCKET |  |
| ALLIED TRADES | NP | SPECIAL WELD ANNEX | LEV (NEEDERMAN) |  |
| ALLIED TRADES | NP | SPECIAL WELD ANNEX | LEV (NEEDERMAN) |  |
| ALLIED TRADES | NP | SPECIAL WELD ANNEX | LEV (NEEDERMAN) |  |
| ALLIED TRADES | NP | SPECIAL WELD ANNEX | LEV (NEEDERMAN) |  |
| ALLIED TRADES | P13210 NP | WOODWORK SECTION | SAW, CIRCULAR JZ |  |
| ALLIED TRADES | P26533 | ALLIED TRADES | CUTTER, PUG |  |
| ALLIED TRADES | P26557 | ALLIED TRADES | CUTTER, PIPE PROFILE MACHINE 4" |  |
| ALLIED TRADES | P26846 NP | ALLIED TRADES | DRILL GRINDING MACHINE |  |
| ALLIED TRADES | P27804 | ALLIED TRADES | FURNACE, OPEN TOP (ALCOSA) |  |
| ALLIED TRADES | P27806 | ALLIED TRADES | FURNACE, OPEN TOP (ALCOSA) |  |
| ALLIED TRADES | P27963 | ALLIED TRADES | GRINDER, D/E (SAMAND) HGL80/119 |  |
| ALLIED TRADES | P27964 | ALLIED TRADES | GRINDER, D/E (SAMAND) HGL80/120 |  |
| ALLIED TRADES | P28050 | ALLIED TRADES | GRINDER, PEDESTAL |  |
| ALLIED TRADES | P28051 | ALLIED TRADES | GRINDER, PEDESTAL |  |
| ALLIED TRADES | P28063 | ALLIED TRADES | GRINDER, MACHINE D/E |  |
| ALLIED TRADES | P28067 | GAS WELDING | GRINDER, PEDESTAL D/E (SAMAND) DG1.80/309 |  |
| ALLIED TRADES | P16769 | ALLIED TRADES | PUMP, PRESSURE TEST |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| ALLIED TRADES | P28166 | ALLIED TRADES | PUMP, PRESSURE TEST |  |
| ALLIED TRADES | P28197 | ALLIED TRADES | DRILL, PILLAR |  |
| ALLIED TRADES | P28199 | ALLIED TRADES | DRILL, PILLAR |  |
| ALLIED TRADES | P28201 | ALLIED TRADES | DRILL, PILLAR |  |
| ALLIED TRADES | P28202 | ALLIED TRADES | DRILL, PILLAR |  |
| ALLIED TRADES | P28207 | ALLIED TRADES | DRILL, PILLAR |  |
| ALLIED TRADES | P28208 | ALLIED TRADES | DRILL, PILLAR |  |
| ALLIED TRADES | P28211 | ALLIED TRADES | GUILLOTINE, HYDRAULIC |  |
| ALLIED TRADES | P28212 | ALLIED TRADES | GUILLOTINE, HYDRAULIC |  |
| ALLIED TRADES | P28216 | ALLIED TRADES | BANDSAW, VERTICAL |  |
| ALLIED TRADES | P28217 | ALLIED TRADES | SAW, CROSS CUT TRENCHING |  |
| ALLIED TRADES | P28218 | ALLIED TRADES | SAW, 9" CIRCULAR |  |
| ALLIED TRADES | P28230 | ALLIED TRADES | FOLDER, 50" BOX/PAN (MORGAN RUSHWORTH) |  |
| ALLIED TRADES | P28232 | ALLIED TRADES | SAW, VERTICAL BAND 30RF (STARTRITE) 79498 |  |
| ALLIED TRADES | P28233 | ALLIED TRADES | DRILL, PILLAR 3/4" |  |
| ALLIED TRADES | P28304 | ALLIED TRADES | OVEN, ELECTRODE (MUREX) |  |
| ALLIED TRADES | P28311 | ALLIED TRADES | BANDSAW, 30"VERTICAL, (WADKIN) |  |
| ALLIED TRADES | P28312 | ALLIED TRADES | WOODWORK MACHINE, UNIVERSAL |  |
| ALLIED TRADES | P28313 | ALLIED TRADES | LATHE, WOOD TURNING |  |
| ALLIED TRADES | P28315 | ALLIED TRADES | MORTISER MACHINE |  |
| ALLIED TRADES | P28320 | ALLIED TRADES | SANDER, DISC & BOBBIN |  |
| ALLIED TRADES | P28326 | ALLIED TRADES | LATHE, WOOD TURNING |  |
| ALLIED TRADES | P28367 | ALLIED TRADES | SAW, 9" CIRCULAR BENCH |  |
| ALLIED TRADES | P28396 | ALLIED TRADES | SAW, 12'' CIRCULAR (DOMINION) |  |
| ALLIED TRADES | P28699 | ALLIED TRADES | FOLDER, 40" BOX/PAN (EDWARDS) |  |
| ALLIED TRADES | P29382 | ALLIED TRADES | SHEARS, FLOOR MOUNTED HAND |  |
| ALLIED TRADES | P29523 | ALLIED TRADES | OVEN, LARGE ELECTRODE |  |
| ALLIED TRADES | P29525 | ALLIED TRADES | OVEN, LARGE ELECTRODE (MUREX) |  |
| ALLIED TRADES | P30321 | ALLIED TRADES | GUILLOTINE, 36" (EDWARD) 378/ISS3/64C/17051 |  |
| ALLIED TRADES | P30322 | ALLIED TRADES | GUILLOTINE, MANUAL 1.5m TREDLE |  |
| ALLIED TRADES | P30325 | ALLIED TRADES | ROLLER, MANUAL PARALLEL FR 36'' (WALTER FROST) |  |
| ALLIED TRADES | P30623 | ALLIED TRADES | FOLDER, 50" (MORGAN RUSHWORTH) |  |
| ALLIED TRADES | P31586 NP | ALLIED TRADES | TRANSFORMER, 10KVA |  |
| ALLIED TRADES | P31672 | ALLIED TRADES | NIBBLER, ELECTRIC (PULLMAX) P659260-15 |  |
| ALLIED TRADES | P31673 | ALLIED TRADES | NIBBLER, ELECTRIC (PULLMAX) 57986 |  |
| ALLIED TRADES | P32960 | ALLIED TRADES | BENDER, COMPRESSION TUBE (HILMORE) |  |
| ALLIED TRADES | P33305 | ALLIED TRADES | SWAGING MACHINE |  |
| ALLIED TRADES | P33369 | ALLIED TRADES | MITRE MACHINE |  |
| ALLIED TRADES | P33478 | ALLIED TRADES | GUILLOTINE, POWER (MORGAN RUSHWORTH) 2500/6H/10PJ/1188 |  |
| ALLIED TRADES | P33559 NP | ALLIED TRADES | PIPE BENDER, MACHINE (HILMOR) |  |
| ALLIED TRADES | P33560 | ALLIED TRADES | PIPE BENDER, MACHINE (HILMOR) |  |
| ALLIED TRADES | P33561 | ALLIED TRADES | GUILLOTINE, MANUAL TREDLE |  |
| ALLIED TRADES | P33574 | ALLIED TRADES | EXTRACTOR, DUST UNIT |  |
| ALLIED TRADES | P33575 | ALLIED TRADES | SHARPERNER, PLANE BLADE |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| ALLIED TRADES | P33576 | ALLIED TRADES | MITREING MACHINE (ORTEGUIL) OR-C-80 |  |
| ALLIED TRADES | P33631 | ALLIED TRADES | FURNACE, HEARTH OPEN TOP |  |
| ALLIED TRADES | P33632 | ALLIED TRADES | FURNACE, HEARTH OPEN TOP |  |
| ALLIED TRADES | P33650 | ALLIED TRADES | GUILLOTINE, MANUAL TREADLE 40" (AJ MORGAN) |  |
| ALLIED TRADES | P33677 | ALLIED TRADES | FOLDING MACHINE |  |
| ALLIED TRADES | P33713 NP | METAL PREP AREA | FOLDING MACHINE, BOX & PAN |  |
| ALLIED TRADES | P33803 | SPECIAL WELD AREA 1 | GRINDER, PEDESTAL |  |
| ALLIED TRADES | P33804 | SPECIAL WELD ANNEX | GRINDER, (SAMAND) S/N PWS4/89/281 |  |
| ALLIED TRADES | P33894 | O/A WELDING | NIBBLER, PLATE |  |
| ALLIED TRADES | P34160 | SPECIAL WELD AREA 1 | WELDING MACHINE, MMA (TRANSARC AC350) |  |
| ALLIED TRADES | P34260 | COPPERSMITH 1 | TUBE BENDER, HYDRAULIC |  |
| ALLIED TRADES | P34261 | COPPERSMITH 1 | TUBE BENDER, HYDRAULIC |  |
| ALLIED TRADES | P34262 | COPPERSMITH 1 | TUBE BENDER, HYDRAULIC |  |
| ALLIED TRADES | P34263 | COPPERSMITH 1 | TUBE BENDER, HYDRAULIC |  |
| ALLIED TRADES | P3435 | WOODWORK SECTION | MITRE & TRIM MACHINE, PORTABLE (RPMS-R) |  |
| ALLIED TRADES | P34854 | CAREER WELDING | BANDSAW, HORIZONTAL (QS SAWMASTER) |  |
| ALLIED TRADES | P34899 | WOODWORK SECTION | WOODWASTE EXTRACTION UNIT |  |
| ALLIED TRADES | P34905 | CAREER WELDING | BOOTHE, ACOUSTIC GRINDING |  |
| ALLIED TRADES | P35032 | SHEET METAL | FOLDER, 50" BOX/PAN (MORGAN RUSHWORTH) BP50/16/39850792793 |  |
| ALLIED TRADES | P35161 | WOODWORK SECTION | WOODWASTE COLLECTION PLANT |  |
| ALLIED TRADES | P35162 | WOODWORK SECTION | SANDER, MACHINE BENCH |  |
| ALLIED TRADES | P35163 | WOODWORK SECTION | EXTRACTOR, DUST |  |
| ALLIED TRADES | P35401 |  | FETTLING BENCH |  |
| ALLIED TRADES | P35401 | CAREER WELDING | FAN, FUME DUSTRACTION |  |
| ALLIED TRADES | P35416 NP | CAREER WELDING | FAN, FUME EXTRACTION (BAY 20-25) |  |
| ALLIED TRADES | P35417 | CAREER WELDING | FAN, FUME EXTRACTION (BAY 14-19) |  |
| ALLIED TRADES | P35418 | CAREER WELDING | FAN, FUME EXTRACTION (BAY 8-13) |  |
| ALLIED TRADES | P35419 | CAREER WELDING | FAN, FUME EXTRACTION (BAY 26-30) |  |
| ALLIED TRADES | P35420 | CAREER WELDING | FAN, FUME EXTRACTION (BAY 1-7) |  |
| ALLIED TRADES | P35519 | NUCLEAR SECTION | LEV SYSTEM |  |
| ALLIED TRADES | P35520 | NUCLEAR SECTION | LEV SYSTEM |  |
| ALLIED TRADES | P35523 NP | SPECIAL WELD | LEV SYSTEM, BAY 1 |  |
| ALLIED TRADES | P35524 NP | SPECIAL WELD | LEV SYSTEM, BAY 2-4 |  |
| ALLIED TRADES | P35525 NP | SPECIAL WELD | LEV SYSTEM, BAY 5 |  |
| ALLIED TRADES | P35526 NP | SPECIAL WELD | LEV SYSTEM, BAY 6-8 |  |
| ALLIED TRADES | P35527 NP | SPECIAL WELD | LEV SYSTEM, BAY 9 |  |
| ALLIED TRADES | P35528 NP | SPECIAL WELD | LEV SYSTEM, BAY 10-12 |  |
| ALLIED TRADES | P35529 NP | SPECIAL WELD | LEV SYSTEM, BAY 13 |  |
| ALLIED TRADES | P35530 NP | SPECIAL WELD | LEV SYSTEM, BAY 14-16 |  |
| ALLIED TRADES | P35531 | GRP ABRADING | LEV SYSTEM |  |
| ALLIED TRADES | P35532 | GRP MIXING | FUME EXTRACTION CUPBOARD |  |
| ALLIED TRADES | P35533 | GRP WORKSHOP | LEV SYSTEM |  |
| ALLIED TRADES | P35534 | GRP WORKSHOP | LEV SYSTEM |  |
| ALLIED TRADES | P35535 | GRP WORKSHOP | LEV SYSTEM |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| ALLIED TRADES | P35536 | GRP WORKSHOP | LEV SYSTEM |  |
| ALLIED TRADES | P35539 | COMPOSIT WORKSHOP | LEV SYSTEM |  |
| ALLIED TRADES | P35540 | COMPOSIT WORKSHOP | LEV SYSTEM |  |
| ALLIED TRADES | P35541 | COMPOSIT WORKSHOP | LEV SYSTEM |  |
| ALLIED TRADES | P35542 | COMPOSIT WORKSHOP | LEV SYSTEM |  |
| ALLIED TRADES | P35657 | COPPERSMITH 1 | FOLDER, 6.1m MANUAL PAN |  |
| ALLIED TRADES | P35658 | COPPERSMITH 1 | GUILLOTINE, 1.6m TREDLE |  |
| ALLIED TRADES | P35659 | DESIGN & MAKE SECTION | POLISHER |  |
| ALLIED TRADES | P35674 | WOODWORK SECTION | VACUUM CLEANER, INDUSTRIAL (NILFISK) |  |
| ALLIED TRADES | P35675 | WOODWORK SECTION | SANDER, 24" DISC (PHILLIPSON) |  |
| ALLIED TRADES | P35676 | WOODWORK SECTION | LEV SYSTEM FOR DISC SANDER |  |
| ALLIED TRADES | P35677 | WOODWORK SECTION | BANDSAW (STARTRITE) 127501 |  |
| ALLIED TRADES | P35678 | WOODWORK SECTION | LEV SYSTEM (WESTERN AIRDUST) |  |
| ALLIED TRADES | P35703 | SHEET METAL | FOLDER, 40" BOX (GABRO) 259 |  |
| ALLIED TRADES | P35705 | SHEET METAL | PRESS, FLY (10a NORTON) |  |
| ALLIED TRADES | P35706 | SHEET METAL | GRINDER, 8" D/E BENCH (GRYPHON) K341167 |  |
| ALLIED TRADES | P35708 | SHEET METAL | PRESS, FLY (10a NORTON) |  |
| ALLIED TRADES | P35709 | SHEET METAL | GRINDER, 8" D/E BENCH (GRYPHON) K341166 |  |
| ALLIED TRADES | P35712 | CAREER WELDING | GRINDER, TUNGSTEN PEDESTAL |  |
| ALLIED TRADES | P35714 | SPECIAL WELD AREA 1 | OVEN, LARGE ELECTRODE |  |
| ALLIED TRADES | TE136 | SPECIAL WELD AREA 1 | GRINDER, TUNGSTEN (ULTIMA-TIG) |  |
| ALLIED TRADES | TE137 | SPECIAL WELD AREA 1 | GRINDER, TUNGSTEN (ULTIMA-TIG) |  |
| ALLIED TRADES | P35754 NP | GRP MIX ROOM | CUPBOARD, FUME |  |
| ALLIED TRADES | P35791 NP | GRP ABRADING ROOM | SANDER, AIR RANDOM OBIT (ATLAS COPCO) |  |
| ALLIED TRADES | P35792 NP | GRP ABRADING ROOM | SANDER, AIR RANDOM OBIT (ATLAS COPCO) |  |
| ALLIED TRADES | P35793 NP | GRP ABRADING ROOM | CUTTER, CIRCULAR (AIR DRIVEN) |  |
| ALLIED TRADES | P35794 NP | GRP ABRADING ROOM | CUTTER, CIRCULAR (AIR DRIVEN) |  |
| ALLIED TRADES | P35979 | SPECIAL WELD AREA 1 | WELDING MACHINE, (MIGATRONIC 400) |  |
| ALLIED TRADES | P36036 | WORKSHOPS | CUTTER, MOBILE PLASMA (ESAM) |  |
| ALLIED TRADES | P36452 | SPECIAL WELD AREA 1 | WELDING MACHINE, TIG (MUREX) |  |
| ALLIED TRADES | P36453 | SPECIAL WELD AREA 1 | WELDING MACHINE, TIG (MUREX) |  |
| ALLIED TRADES | P36454 | SPECIAL WELD AREA 1 | WELDING MACHINE, TIG (MUREX) |  |
| ALLIED TRADES | P36455 | SPECIAL WELD AREA 1 | WELDING MACHINE, TIG (MUREX) |  |
| ALLIED TRADES | P36456 | SPECIAL WELD AREA 1 | WELDING MACHINE, TIG (MUREX) |  |
| ALLIED TRADES | P36457 | SPECIAL WELD AREA 1 | WELDING MACHINE, TIG (MUREX) |  |
| ALLIED TRADES | P36677 | COPPERSMITH 1 | FOLDER, SHEET |  |
| ALLIED TRADES | P48249 | COPPERSMITH 1 | TABLE, PIN |  |
| ALLIED TRADES | S/N 039-241-3863 | SPECIAL WELD AREA 1 | WELDING MACHINE, TIG (ESAB 3000i) |  |
| ALLIED TRADES | S/N 039-311-0109 | SPECIAL WELD AREA 1 | WELDING MACHINE, TIG (ESAB 3000i) |  |
| ALLIED TRADES | S/N 039-316-0165 | SPECIAL WELD AREA 1 | WELDING MACHINE, TIG (ESAB 3000i) |  |
| ALLIED TRADES | S/N 039-317-0169 | SPECIAL WELD AREA 1 | WELDING MACHINE, TIG (ESAB 3000i) |  |
| ALLIED TRADES | S/N 039-317-0170 | SPECIAL WELD AREA 1 | WELDING MACHINE, TIG (ESAB 3000i) |  |
| ALLIED TRADES | S/N 039-317-0171 | SPECIAL WELD AREA 1 | WELDING MACHINE, TIG (ESAB 3000i) |  |
| ALLIED TRADES | S/N 039-317-0172 | SPECIAL WELD AREA 1 | WELDING MACHINE, TIG (ESAB 3000i) |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| ALLIED TRADES | S/N 039-317-0173 | SPECIAL WELD AREA 1 | WELDING MACHINE, TIG (ESAB 3000i) |  |
| ALLIED TRADES | S/N 039-320-0179 | SPECIAL WELD AREA 1 | WELDING MACHINE, TIG (ESAB 3000i) |  |
| ALLIED TRADES | S/N 039-649-1115 | SPECIAL WELD AREA 1 | WELDING MACHINE, TIG (ESAB 3000i) |  |
| ALLIED TRADES | S/N 039-650-1119 | SPECIAL WELD AREA 1 | WELDING MACHINE, TIG (ESAB 3000i) |  |
| ALLIED TRADES | S/N 039-650-1120 | SPECIAL WELD AREA 1 | WELDING MACHINE, TIG (ESAB 3000i) |  |
| ALLIED TRADES | S/N 217-547-0054 | MMA WELDING AREA | WELDING MACHINE, MIG (TRANSMIG 423s) |  |
| ALLIED TRADES | S/N 217-636-0065 | MMA WELDING AREA | WELDING MACHINE, MIG (TRANSMIG 423s) |  |
| ALLIED TRADES | S/N 217-711-0069 | MMA WELDING AREA | WELDING MACHINE, MIG (TRANSMIG 423s) |  |
| ALLIED TRADES | S/N 217-711-0070 | MMA WELDING AREA | WELDING MACHINE, MIG (TRANSMIG 423s) |  |
| ALLIED TRADES | S/N 217-711-0072 | MMA WELDING AREA | WELDING MACHINE, MIG (TRANSMIG 423s) |  |
| ALLIED TRADES | S/N 217-711-0073 | MMA WELDING AREA | WELDING MACHINE, MIG (TRANSMIG 423s) |  |
| ALLIED TRADES | S/N 217-711-0074 | MMA WELDING AREA | WELDING MACHINE, MIG (TRANSMIG 423s) |  |
| ALLIED TRADES | S/N 217-711-0075 | MMA WELDING AREA | WELDING MACHINE, MIG (TRANSMIG 423s) |  |
| ALLIED TRADES | S/N 68605 | MMA WELDING AREA | WELDING MACHINE, MIG (MERKLE E300DC) |  |
| ALLIED TRADES | S/N 68655 | MMA WELDING AREA | WELDING MACHINE, MIG (MERKLE E300DC) |  |
| ALLIED TRADES | S/N 68656 | MMA WELDING AREA | WELDING MACHINE, MIG (MERKLE E300DC) |  |
| ALLIED TRADES | S189 | COMPOSIT WORKSHOP | SPOT BLASTER |  |
| ALLIED TRADES | S224 | COMPOSIT WORKSHOP | FREEZER |  |
| ALLIED TRADES | S245 | COMPOSIT WORKSHOP | FREEZER |  |
| ALLIED TRADES | SM01102229 | COMPOSIT WORKSHOP | BONDER, HOT (HEATCON) |  |
| ALLIED TRADES | SM15112396 | COMPOSIT WORKSHOP | BONDER, HOT (HEATCON) |  |
| ALLIED TRADES | SMS1 | SHEET METAL | SHEARS, K4 MANUAL BENCH |  |
| ALLIED TRADES | SMS2 | SHEET METAL | ROLLER, 48" PARALLEL (MORGAN RUSHWORTH) |  |
| ALLIED TRADES | SMS3 | SHEET METAL | FOLDER, 31" MANUAL |  |
| ALLIED TRADES | SU4489 | O/A CUTTING AREA | GUILLOTINE, POWERED |  |
| ALLIED TRADES | TE005 | SPECIAL WELD AREA 1 | HEATER, QUIVER ROD (MUREX) |  |
| ALLIED TRADES | TE006 | SPECIAL WELD AREA 1 | HEATER, QUIVER ROD (MUREX) |  |
| ALLIED TRADES | TE007 | Spl Wld Anx BAY 10 | HEATER, QUIVER ROD (MUREX) |  |
| ALLIED TRADES | TE008 | SPECIAL WELD AREA 1 | HEATER, QUIVER ROD (MUREX) |  |
| ALLIED TRADES | TE009 | Spl Wld Anx BAY 11 | HEATER, QUIVER ROD (MUREX) |  |
| ALLIED TRADES | TE010 | SPECIAL WELD AREA 1 | HEATER, QUIVER ROD (MUREX) |  |
| ALLIED TRADES | TE011 | Spl Wld Anx BAY 8 | HEATER, QUIVER ROD (MUREX) |  |
| ALLIED TRADES | TE021 | GRP WORKSHOP | VACUUM CLEANER, DRY (KERSTAR KAV 20) 12B36309 |  |
| ALLIED TRADES | TE022 | GRP WORKSHOP | VACUUM CLEANER, DRY (KERSTAR KAV 20) 12B36211 |  |
| ALLIED TRADES | TE024 | WOODWORK SECTION | MITRE MACHINE SYSTEM 4000 |  |
| ALLIED TRADES | TE025 | COPPER SMITH 1 | SAW, CIRCULAR (PROSAW V315) |  |
| ALLIED TRADES | TE026 | COPPER SMITH 1 | SAW, CIRCULAR (PROSAW V315) |  |
| ALLIED TRADES | TE069 | SPECIAL WELD AREA | NIBBLER PILLAR STATION |  |
| ALLIED TRADES | TE070 | SPECIAL WELD AREA | NIBBLER, PILLAR STATION |  |
| ALLIED TRADES | TE075 | SPECIAL WELD AREA 1 | FOLDING MACHINE PAN BOX S/N 11568 (BPC1270 MORGAN RUSHWORTH) |  |
| ALLIED TRADES | TE076 | SPECIAL WELD AREA 1 | ROLLER, BENDER S/N 53058 (MBR 1050/90 MORGAN RUSHWORTH) |  |
| ALLIED TRADES | TE077 | WORKSHOPS | DUSTRACTION SOUND BOOTH ROOM |  |
| ALLIED TRADES | TE108 | COPPERSMITH 2 | GRIT BLASTER, 6SF (GUYSON) SN508521 |  |
| ALLIED TRADES | TE109 | COMPOSIT WORKSHOP | EUROBLASTER 6SF GRIT, (GUYSON) |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| ALLIED TRADES | TE117 | Spl Wld Anx BAY 10 | WELDING MACHINE (ESAB MIG 340 PRO) |  |
| ALLIED TRADES | TE129 | COPPERSMITH 1 | SAW, PROSAW 300 RFA |  |
| ALLIED TRADES | TE174 | SPECIAL WELD ANNEX | TEC ARC, AC/DC 300E MMA |  |
| ALLIED TRADES | TE187 | WOODWORK SECTION | GRINDER, HORIZONTAL (SYSTEM 2000) |  |
| ALLIED TRADES | TE237 | COPPERSMITH 1 | FOLDER, SHEET |  |
| ALLIED TRADES | TE044 | WORKSHOPS | FLAIRING SET, HYDRA-SWAGE PIPE EXPANDER |  |
| ALLIED TRADES | TE045 | WORKSHOPS | FLAIRING SET, HYDRA-SWAGE PIPE EXPANDER |  |
| ALLIED TRADES | TE046 | WORKSHOPS | PALLETISER TRUCK |  |
| ALLIED TRADES | TE131 | COPPERSMITH 2 | LATHE, M300 (HARRISON) |  |
| ALLIED TRADES | TE132 | COPPERSMITH 2 | GRINDER, BELT (BAILEIGH) |  |
| ALLIED TRADES | TE134 | GAS CUTTING AREA | CUTTER, PLASMA CNC (ESAB PLASMA) |  |
| ALLIED TRADES | TE1804 | COPPERSMITH 2 | LATHE, HARRISON |  |
| ALLIED TRADES | TE8052 | SPECIAL WELD AREA 1 | WELDER, MACHINE (MIGATRONIC) |  |
| ALLIED TRADES | TE8053 | SPECIAL WELD AREA 1 | WELDER, MACHINE (MIGATRONIC) |  |
| ALLIED TRADES |  | GRP SHOP 2 | LEV (NEEDERMAN) |  |
| ALLIED TRADES |  | COMPOSIT WORKSHOP | LAMP, HEAT (TRISK) |  |
| ALLIED TRADES |  | COMPOSIT WORKSHOP | LAMP, HEAT (TRISK) |  |
| ALLIED TRADES | TE186 | WOODWORK SECTION | SANDER, VERTICAL (JET) S/N15042785 |  |
| ALLIED TRADES |  | WOODWORK SECTION | ROUTER, TABLE (DEWALT) RPMS-R |  |
| ALLIED TRADES | P35544 | GRP WORKSHOP | LEV SYSTEM |  |
| ALLIED TRADES | TE192 | SPECIAL WELD ANNEX | OVEN, ELECTRODE BENCH |  |
| ALLIED TRADES | TE193 | CAREER WELDING | OVEN, ELECTRODE (MUREX) |  |
| ALLIED TRADES | TE130 | COPPERSMITH 2 | LATHE, 6 1/2" CENTRE (HARRISON M300) SN305041 |  |
|  |  |  |  |  |
| BRUNEL | SN 6892487 | ELECTRICAL LAB | MOTOR DEMO, SHADED POLE |  |
| BRUNEL | SN 6892489 | ELECTRICAL LAB | MOTOR DEMO, CAPACITOR START |  |
| BRUNEL | SN 6892491 | ELECTRICAL LAB | MOTOR DEMO, CAP START/RUN |  |
| BRUNEL | SN 118441836 | THERMODYNAMICS LAB | SCALE (ADVENTURE) |  |
| BRUNEL | SN 00-83 | MECHANICS LAB | TENSILE TEST MACHINE AND PLOTTER, (EZ20) |  |
| BRUNEL | SN 033338-001 | THERMODYNAMICS LAB | HEAT EXCHANGER, (ARMFIELD) |  |
| BRUNEL | SN 035761-002 | THERMODYNAMICS LAB | CENTRIFUGAL PUMP, FM50 (ARMFIELD) |  |
| BRUNEL | SN 036068-004 | THERMODYNAMICS LAB | FM6X TURBINE SERVICE UNIT, FM60 (ARMFIELD) |  |
| BRUNEL | SN 037127-002 | THERMODYNAMICS LAB | GEAR PUMP, FM51 (ARMFIELD) |  |
| BRUNEL | SN 037208-001 | THERMODYNAMICS LAB | TURBINE, PELTON FM62 (ARMFIELD) |  |
| BRUNEL | SN 037208-002 | THERMODYNAMICS LAB | TURBINE, PELTON FM62 (ARMFIELD) |  |
| BRUNEL | SN 037208-003 | THERMODYNAMICS LAB | FM6X TURBINE SERVICE UNIT, FM61 (ARMFIELD) |  |
| BRUNEL | SN 038425-0006 | THERMODYNAMICS LAB | HEAT EXCHANGER, HT30XC (ARMFIELD) |  |
| BRUNEL | SN 150/44/13 | ELECTRICAL LAB | POWER SUPPLY UNIT, PS150E / SA150D |  |
| BRUNEL | SN 171A/12/10 | LAB 3 | 3 PH POWER SUPPLY PANEL, ETL171A (FEEDBACK) |  |
| BRUNEL | SN 171A/12/12 | LAB 3 | 3 PH POWER SUPPLY PANEL, ETL171A (FEEDBACK) |  |
| BRUNEL | SN 171A/12/16 | MECHANICS LAB | 3 PH POWER SUPPLY PANEL, ETL171A (FEEDBACK) |  |
| BRUNEL | SN 171A/12/3 | LAB 3 | 3 PH POWER SUPPLY PANEL, ETL171A (FEEDBACK) |  |
| BRUNEL | SN 171A/12/4 | LAB 3 | 3 PH POWER SUPPLY PANEL, ETL171A (FEEDBACK) |  |
| BRUNEL | SN 171A/12/5 | LAB 3 | 3 PH POWER SUPPLY PANEL, ETL171A (FEEDBACK) |  |
| BRUNEL | SN 171A/12/7 | LAB 3 | 3 PH POWER SUPPLY PANEL, ETL171A (FEEDBACK) |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| BRUNEL | SN 171A/12/9 | LAB 3 | 3 PH POWER SUPPLY PANEL, ETL171A (FEEDBACK) |  |
| BRUNEL | SN 171A12/14 | LAB 3 | 3 PH POWER SUPPLY PANEL, ETL171A (FEEDBACK) |  |
| BRUNEL | SN 171B/11/20 | LAB 3 | 3 PH MEASUREMENT PANEL, ETL171B (FEEDBACK) |  |
| BRUNEL | SN 171B/12/1 | MECHANICS LAB | 3 PH MEASUREMENT PANEL, ETL171B (FEEDBACK) |  |
| BRUNEL | SN 171B/12/10 | LAB 3 | 3 PH MEASUREMENT PANEL, ETL171B (FEEDBACK) |  |
| BRUNEL | SN 171B/12/2 | LAB 3 | 3 PH MEASUREMENT PANEL, ETL171B (FEEDBACK) |  |
| BRUNEL | SN 171B/12/3 | ELECTRICAL LAB | 4 PH MEASUREMENT PANEL, ETL171B (FEEDBACK) |  |
| BRUNEL | SN 171B/12/4 | LAB 3 | 3 PH MEASUREMENT PANEL, ETL171B (FEEDBACK) |  |
| BRUNEL | SN 171B/12/5 | LAB 3 | 3 PH MEASUREMENT PANEL, ETL171B (FEEDBACK) |  |
| BRUNEL | SN 171B/12/6 | LAB 3 | 3 PH MEASUREMENT PANEL, ETL171B (FEEDBACK) |  |
| BRUNEL | SN 171B/12/7 | LAB 3 | 3 PH MEASUREMENT PANEL, ETL171B (FEEDBACK) |  |
| BRUNEL | SN 171B/12/8 | LAB 3 | 3 PH MEASUREMENT PANEL, ETL171B (FEEDBACK) |  |
| BRUNEL | SN 171B/12/9 | ELECTRICAL LAB | 3 PH MEASUREMENT PANEL, ETL171B (FEEDBACK) |  |
| BRUNEL | SN 171C/11/16 | LAB 3 | 3 PH RLC LOAD PANEL ETL 171C (FEEDBACK) |  |
| BRUNEL | SN 171C/11/18 | LAB 3 | 3 PH RLC LOAD PANEL ETL 171C (FEEDBACK) |  |
| BRUNEL | SN 171C/11/19 | LAB 3 | 3 PH RLC LOAD PANEL ETL 171C (FEEDBACK) |  |
| BRUNEL | SN 171C/11/20 | LAB 3 | 3 PH RLC LOAD PANEL ETL 171C (FEEDBACK) |  |
| BRUNEL | SN 171C/11/21 | ELECTRICAL LAB | 3 PH RLC LOAD PANEL ETL 171C (FEEDBACK) |  |
| BRUNEL | SN 171C/12/1 | LAB 3 | 3 PH RLC LOAD PANEL ETL 171C (FEEDBACK) |  |
| BRUNEL | SN 171C/12/2 | LAB 3 | 3 PH RLC LOAD PANEL ETL 171C (FEEDBACK) |  |
| BRUNEL | SN 171C/12/3 | MECHANICS LAB | 3 PH RLC LOAD PANEL ETL 171C (FEEDBACK) |  |
| BRUNEL | SN 171C/12/4 | ELECTRICAL LAB | 3 PH RLC LOAD PANEL ETL 171C (FEEDBACK) |  |
| BRUNEL | SN 171C/12/5 | LAB 3 | 3 PH RLC LOAD PANEL ETL 171C (FEEDBACK) |  |
| BRUNEL | SN 173/9/8 | LAB 3 | THYRISTOR CONTROL PANEL, ETL173 (FEEDBACK) |  |
| BRUNEL | SN 174R/2/9 | LAB 3 | DYNAMOMETER CONTROLLER, ETL174R |  |
| BRUNEL | SN 177/15/10 | ELECTRICAL LAB | MOTOR WITH TACHO/BRAKE VSD177 |  |
| BRUNEL | SN 177437-005 | MECHANICS LAB | STATIC/DYNAMIC BALANCE UNIT, TM1002 (TQ) |  |
| BRUNEL | SN 178/24/3 | ELECTRICAL LAB | POWER SUPPLY W/BALLAST, FLEMING LH RULE |  |
| BRUNEL | SN 180F/1/4 | ELECTRICAL LAB | SYNCHRONISING PANEL, EMT180F (FEEDBACK) |  |
| BRUNEL | SN 182/13/10 | ELECTRICAL LAB | MACHINE CONTROL PANEL, MPC 182 (FEEDBACK) |  |
| BRUNEL | SN 182/13/12 | LAB 3 | MACHINE CONTROL PANEL, MPC 182 (FEEDBACK) |  |
| BRUNEL | SN 182/13/13 | LAB 3 | MACHINE CONTROL PANEL, MPC 182 (FEEDBACK) |  |
| BRUNEL | SN 182/13/14 | LAB 3 | MACHINE CONTROL PANEL, MPC 182 (FEEDBACK) |  |
| BRUNEL | SN 182/13/15 | LAB 3 | MACHINE CONTROL PANEL, MPC 182 (FEEDBACK) |  |
| BRUNEL | SN 182/13/16 | MECHANICS LAB | MACHINE CONTROL PANEL, MPC 182 (FEEDBACK) |  |
| BRUNEL | SN 182/13/17 | ELECTRICAL LAB | MACHINE CONTROL PANEL, MPC 182 (FEEDBACK) |  |
| BRUNEL | SN 182/13/18 | ELECTRICAL LAB | MACHINE CONTROL PANEL, MPC 182 (FEEDBACK) |  |
| BRUNEL | SN 182/13/20 | LAB 3 | MACHINE CONTROL PANEL, MPC 182 (FEEDBACK) |  |
| BRUNEL | SN 182/13/9 | LAB 3 | MACHINE CONTROL PANEL, MPC 182 (FEEDBACK) |  |
| BRUNEL | SN 182/16/1 | ELECTRICAL LAB | MACHINE CONTROL PANEL, MPC 182 (FEEDBACK) |  |
| BRUNEL | SN 182/35/18 | ELECTRICAL LAB | MACHINE CONTROL PANEL, MPC 182 (FEEDBACK) |  |
| BRUNEL | SN 183906-005 | MECHANICS LAB | STATIC/DYNAMIC BALANCE UNIT, TM1002 (TQ) |  |
| BRUNEL | SN 189/36/10 | ELECTRICAL LAB | POWER SUPPLY UNIT, PS189 |  |
| BRUNEL | SN 189/36/6 | ELECTRICAL LAB | POWER SUPPLY UNIT, PS189 |  |
| BRUNEL | SN 189/36/8 | ELECTRICAL LAB | POWER SUPPLY UNIT, PS189 |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| BRUNEL | SN 66-110/19/3 | ELECTRICAL LAB | VARIABLE FREQUENCY DRIVE UNIT, 66-110 |  |
| BRUNEL | SN 68-441/2/9/4 | MECHANICS LAB | TORQUE/SPEED CONTROL PANEL, 68-441 (FEEDBACK) |  |
| BRUNEL | SN 69-441/2/14/3 | LAB 3 | TORQUE/SPEED CONTROL PANEL, 68-441 (FEEDBACK) |  |
| BRUNEL | SN 69-441/2/14/4 | LAB 3 | TORQUE/SPEED CONTROL PANEL, 68-441 (FEEDBACK) |  |
| BRUNEL | SN 69-441/2/14/5 | LAB 3 | TORQUE/SPEED CONTROL PANEL, 68-441 (FEEDBACK) |  |
| BRUNEL | SN 69-441/2/15/1 | LAB 3 | TORQUE/SPEED CONTROL PANEL, 68-441 (FEEDBACK) |  |
| BRUNEL | SN 69-441/2/15/2 | LAB 3 | TORQUE/SPEED CONTROL PANEL, 68-441 (FEEDBACK) |  |
| BRUNEL | SN 69-441/2/15/3 | LAB 3 | TORQUE/SPEED CONTROL PANEL, 68-441 (FEEDBACK) |  |
| BRUNEL | SN 69-441/2/8/3 | LAB 3 | TORQUE/SPEED CONTROL PANEL, 68-441 (FEEDBACK) |  |
| BRUNEL | SN 69-441/2/8/4 | LAB 3 | TORQUE/SPEED CONTROL PANEL, 68-441 (FEEDBACK) |  |
| BRUNEL | SN 69-441/2/9/1 | LAB 3 | TORQUE/SPEED CONTROL PANEL, 68-441 (FEEDBACK) |  |
| BRUNEL | SN 69-441/2/9/2 | LAB 3 | TORQUE/SPEED CONTROL PANEL, 68-441 (FEEDBACK) |  |
| BRUNEL | SN 69-441/2/9/3 | LAB 3 | TORQUE/SPEED CONTROL PANEL, 68-441 (FEEDBACK) |  |
| BRUNEL | FM540 | THERMODYNAMICS LAB | REFRIGERATION UNIT R134A, TRAINING |  |
| BRUNEL | FM541 | THERMODYNAMICS LAB | REFRIGERATION UNIT R134A, TRAINING |  |
| BRUNEL | O8591/4 | MECHANICS LAB | STATIC/DYNAMIC BALANCE UNIT, TM102 (TQ) |  |
| BRUNEL | P29257 | BRUNEL | FURNACE, EUROTHERM (CARBOLITE) |  |
| BRUNEL | P29258 | BRUNEL | FURNACE, EUROTHERM (CARBOLITE) |  |
| BRUNEL | P31618 | BRUNEL | TURBINE, TWO SHAFT GAS |  |
| BRUNEL | P36058 | THERMODYNAMICS LAB | PUMP, WATER BOOST (GRUNDOFS) |  |
| BRUNEL | P36271 | BRUNEL | T22K TENSILE TEST MACHINE AND PLOTTERS (LLOYDS INSTRUMENT) |  |
| BRUNEL | P36272 | BRUNEL | T30K TENSILE TEST MACHINE AND PLOTTERS |  |
| BRUNEL | P36273 | BRUNEL | T22K TENSILE TEST MACHINE AND PLOTTERS |  |
| BRUNEL | P36274 | BRUNEL | HARDNESS TESTING MACHINE (INDENTEC) |  |
| BRUNEL | P36276 | BRUNEL | FURNACE, ESF (CARBOLITE) |  |
| BRUNEL | P36277 | BRUNEL | MICROSCOPE, OPTIPHOT |  |
| BRUNEL | P36283 | BRUNEL | CAM ANALYSIS MACHINE TM21 |  |
| BRUNEL | P36285 | BRUNEL | PRESSURE MEASUREMENT BENCH |  |
| BRUNEL | P36286 | BRUNEL | T20K TENSILE TESTING MACHINE AND PLOTTERS |  |
| BRUNEL | P36288 | BRUNEL | T20K TENSILE TESTING MACHINE AND PLOTTERS |  |
| BRUNEL | P36289 | BRUNEL | T20K TENSILE TESTING MACHINE AND PLOTTERS |  |
| BRUNEL | P36290 | BRUNEL | T20K TENSILE TESTING MACHINE AND PLOTTERS |  |
| BRUNEL | P36291 | BRUNEL | T20K TENSILE TESTING MACHINE AND PLOTTERS |  |
| BRUNEL | P36292 | BRUNEL | ENG TEST BED DYNOMETER INSTR TABLE |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| BRUNEL | P36300 | BRUNEL | PL3 PLOTTERS LLOYDS LTD |  |
| BRUNEL | P36301 | BRUNEL | PL3 PLOTTERS LLOYDS LTD |  |
| BRUNEL | SUL2036 | ELECTRONICS LAB B29 | POWER SUPPLY, BBM |  |
| BRUNEL | SUL2082 | ELECTRONICS LAB B1 | TRANSFORMER UNIT, SBT |  |
| BRUNEL | SUL2088 | ELECTRONICS LAB B1 | TRANSFORMER UNIT, SBT |  |
| BRUNEL | SUL2094 | ELECTRONICS LAB B29 | TRANSFORMER UNIT, IET 464 |  |
| BRUNEL | SUL2097 | ELECTRONICS LAB B1 | TRANSFORMER UNIT, IET 464 |  |
| BRUNEL | SUL2100 | ELECTRONICS LAB B1 | TRANSFORMER UNIT, IET 464 |  |
| BRUNEL | SUL2103 | ELECTRONICS LAB B1 | TRANSFORMER UNIT, SBT |  |
| BRUNEL | SUL2114 | ELECTRONICS LAB B1 | TRANSFORMER UNIT, IET 464 |  |
| BRUNEL | SUL2145 | ELECTRICAL LAB | SIGNAL GENERATOR, EFG-3210 (ESCORT) |  |
| BRUNEL | SUL2312 | MECHANICS LAB | STRAIN GAUGE TEST UNIT, SM1007, THIN CLY (TQ) |  |
| BRUNEL | SUL2315 | MECHANICS LAB | STRAIN GAUGE TEST UNIT, SM1011, THICK CLY (TQ) |  |
| BRUNEL | SUL2370 | ELECTRONICS LAB B1 | TRANSFORMER UNIT, IET 464 |  |
| BRUNEL | SUL841 | THERMODYNAMICS LAB | HYDRAULIC BENCH, 841 (ARMFIELD) |  |
| BRUNEL | SUL842 | THERMODYNAMICS LAB | HYDRAULIC BENCH, P6100 (CUSSONS) |  |
| BRUNEL | SUL850 | THERMODYNAMICS LAB | HYDRAULIC BENCH, 850 (ARMFIELD) |  |
| BRUNEL | SUL851 | THERMODYNAMICS LAB | HYDRAULIC BENCH, P6100 (CUSSONS) |  |
| BRUNEL | SUL874 | THERMODYNAMICS LAB | COMPRESSIBLE FLOW BENCH, 874 (ARMFIELD) |  |
| BRUNEL | SUL897 | ELECTRONICS LAB B29 | TRANSFORMER UNIT, IET 464 |  |
| BRUNEL | SUL916 | ELECTRONICS LAB B29 | TRANSFORMER UNIT, IET 464 |  |
| BRUNEL | SUL919 | ELECTRONICS LAB B1 | TRANSFORMER UNIT, IET 464 |  |
| BRUNEL | SUL932 | ELECTRONICS LAB B29 | TRANSFORMER UNIT, IET 464 |  |
| BRUNEL | SUL949 | ELECTRONICS LAB B29 | TRANSFORMER UNIT, IET 464 |  |
| BRUNEL | SUL957 | ELECTRONICS LAB B29 | TRANSFORMER UNIT, IET 464 |  |
| BRUNEL | SUL976 | ELECTRONICS LAB B29 | TRANSFORMER UNIT, IET 464 |  |
| BRUNEL | SUL979 | ELECTRONICS LAB B29 | TRANSFORMER UNIT, IET 464 |  |
| BRUNEL | SUL984 | ELECTRONICS LAB B29 | TRANSFORMER UNIT, IET 464 |  |
| BRUNEL | SUL987 | ELECTRONICS LAB B29 | TRANSFORMER UNIT, IET 464 |  |
| BRUNEL | SUL991 | ELECTRONICS LAB B29 | TRANSFORMER UNIT, IET 464 |  |
| BRUNEL | SUL992 | ELECTRONICS LAB B29 | TRANSFORMER UNIT, IET 464 |  |
| BRUNEL | SUL993 | ELECTRONICS LAB B29 | TRANSFORMER UNIT, IET 464 |  |
| BRUNEL | U7875/3 | MECHANICS LAB | STATIC/DYNAMIC BALANCE UNIT, TM102 (TQ) |  |
| BRUNEL |  | THERMODYNAMICS LAB | SCALE, PE400 (METTLER) |  |
| BRUNEL |  | THERMODYNAMICS LAB | LEV SYSTEM |  |
| BRUNEL | SN 245736-004 | MECHANICS LAB | STATIC/DYNAMIC BALANCE UNIT, TM1002 (TQ) |  |
| COCKERELL HANGAR | FM504 | AIRFRAME AREA | BVC HVT15 INDUSTRIAL VACUUM CLEANER |  |
| COCKERELL HANGAR | FM507 | HANGER | MORGAN RUSHWORTH BENDER |  |
| COCKERELL HANGAR | FM626 |  | SCRUBBER DRYER NUMATIC MODEL TWINTEC TTB/665 |  |
| COCKERELL HANGAR | FM637 |  | HAND OPERATED PCB SHEARER |  |
| COCKERELL HANGAR | FM713 | HANGAR SMW | PLANER, WOOD (AXMINSTER) |  |
| COCKERELL HANGAR | FM763 |  | CALTHERM ELECTRICAL INDUSTRIAL OVEN |  |
| COCKERELL HANGAR | FM764 |  | CALTHERM ELECTRICAL INDUSTRIAL OVEN |  |
| COCKERELL HANGAR | FM765 |  | CALTHERM ELECTRICAL INDUSTRIAL OVEN |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| COCKERELL HANGAR | P13875 | HANGAR PIPE BAY | GRINDING MACHINE 8" |  |
| COCKERELL HANGAR | P15558 | HANGAR AIRFRAME | GRINDING MACHINE 8" |  |
| COCKERELL HANGAR | P19240 | HANGAR SMW | HAND LEVER SHEARS 6" |  |
| COCKERELL HANGAR | P19249 | HANGAR INITIAL SEC | PILLAR DRILL |  |
| COCKERELL HANGAR | P19250 | HANGAR INITIAL SEC | PILLAR DRILL |  |
| COCKERELL HANGAR | P19282 | HANGAR AIRFRAME | WHEELING MACHINE |  |
| COCKERELL HANGAR | P19290 | HANGAR SMW | WHEELING & RAISING MACHINE |  |
| COCKERELL HANGAR | P19317 | HANGAR INITIAL SEC | STEEL BENCH 4' 6" X 12' |  |
| COCKERELL HANGAR | P19345 | HANGAR TOOL CENTRE | WHEELING & RAISING MACHINE |  |
| COCKERELL HANGAR | P19346 | HANGAR TOOL CENTRE | WHEEL AND RAISING MACHINE |  |
| COCKERELL HANGAR | P19351 | HANGAR SMW | STEEL WORK BENCH |  |
| COCKERELL HANGAR | P19353 | HANGAR SMW | SHEARING & BENDING MACHINE |  |
| COCKERELL HANGAR | P19361 | HANGAR SMW | GRINDING MACHINE 8" |  |
| COCKERELL HANGAR | P19396 | HANGAR SMW | FOLDING MACHINE |  |
| COCKERELL HANGAR | P19397 | HANGAR | FOLDING MACHINE |  |
| COCKERELL HANGAR | P19541 | HANGAR SMW | FLY PRESS |  |
| COCKERELL HANGAR | P19563 | HANGAR TRG SUPPORT | SHAPING MACHINE 14" |  |
| COCKERELL HANGAR | P19863 | HANGAR AIRFRAME | TREADLE MACHINE |  |
| COCKERELL HANGAR | P29267 | COCKERELL | HYDRAULIC TEST RIG |  |
| COCKERELL HANGAR | P29297 | HANGAR SMW | FOLDING MACHINE |  |
| COCKERELL HANGAR | P29324 | HANGAR ISSUE CENTRE | SWAGING MACHINE |  |
| COCKERELL HANGAR | P30631 | HANGAR SMW MEDD | DRILL MACHINE 1/2" |  |
| COCKERELL HANGAR | P30632 | HANGAR SMW | DRILL MACHINE 1/2" |  |
| COCKERELL HANGAR | P30633 | HANGAR SMW | DRILL MACHINE 1/2" |  |
| COCKERELL HANGAR | P30634 | HANGAR SMW | DRILL MACHINE 1/2" |  |
| COCKERELL HANGAR | P30635 | HANGAR SMW | DRILL MACHINE 1/2" |  |
| COCKERELL HANGAR | P30637 | HANGAR SMW | DRILL MACHINE 1/2" |  |
| COCKERELL HANGAR | P30724 | HANGAR SMW | GUILLOTINE |  |
| COCKERELL HANGAR | P30791 | HANGAR INITIAL SEC | POLLARD DRILL |  |
| COCKERELL HANGAR | P30794 | HANGAR INITIAL SEC | POLLARD DRILL |  |
| COCKERELL HANGAR | P30799 | HANGAR INITIAL SEC | POLLARD DRILL |  |
| COCKERELL HANGAR | P31419 | HANGAR TRG SUPPORT | SAND BLAST CABINET,LEV |  |
| COCKERELL HANGAR | P31515 | HANGAR SMW | VERTICAL BANDSAW |  |
| COCKERELL HANGAR | P31748 | HANGAR TRG SUPPORT | SURFACE GRINDER |  |
| COCKERELL HANGAR | P32174 | HANGAR TRG SUPPORT | BALANCING MACHINE |  |
| COCKERELL HANGAR | P32180 | HANGAR SMW | BELT SANDING MACHINE |  |
| COCKERELL HANGAR | P32322 | HANGAR AIRFRAME | FOLDING MACHINE |  |
| COCKERELL HANGAR | P32470 | HANGAR AIRFRAME | PILLAR DRILL (GATE PROGRESS No3A) |  |
| COCKERELL HANGAR | P32676 | HANGAR AIRFRAME | FOLDING MACHINE |  |
| COCKERELL HANGAR | P32677 | HANGAR SMW | FOLDING MACHINE |  |
| COCKERELL HANGAR | P32955 | HANGAR TRG SUPPORT | HORIZONTAL BANDSAW |  |
| COCKERELL HANGAR | P32965 | HANGAR SMW | SWAGING MACHINE |  |
| COCKERELL HANGAR | P32966 | HANGAR SMW | SWAGING MACHINE |  |
| COCKERELL HANGAR | P32978 | HANGAR SMW | GUILLOTINE POWER OPERATED |  |
| COCKERELL HANGAR | P33470 | HANGAR SMW | SAWDUST EXTRACTION SYSTEM |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| COCKERELL HANGAR | P33708 | HANGAR | CENTRE LATHE 6" |  |
| COCKERELL HANGAR | P33762 | HANGAR TRG SUPPORT | POLISHING MACHUNE |  |
| COCKERELL HANGAR | P33763 NP |  | DUST EXTRACTOR FOR P33762 |  |
| COCKERELL HANGAR | P33802 |  | TURRET MILLING MACHINE |  |
| COCKERELL HANGAR | P33972 |  | GRINDING MACHINE D/E |  |
| COCKERELL HANGAR | P33973 |  | PILLAR DRILL |  |
| COCKERELL HANGAR | P34006 |  | BOX & PAN FOLDING MACHINE |  |
| COCKERELL HANGAR | P34284 |  | CIRCULAR SAW |  |
| COCKERELL HANGAR | P34285 |  | VERTICAL BANDSAW |  |
| COCKERELL HANGAR | P34289 |  | TREADLE GUILLOTINE |  |
| COCKERELL HANGAR | P34846 |  | HAND BENDING MACHINE |  |
| COCKERELL HANGAR | P34847 |  | HAND BENDING MACHINE |  |
| COCKERELL HANGAR | P34849 |  | ECKOLD HANDFORMER |  |
| COCKERELL HANGAR | P34867 |  | CHEST FREEZER |  |
| COCKERELL HANGAR | P35043 |  | BOX & PAN FOLDING MACHINE |  |
| COCKERELL HANGAR | P35044 |  | TREADLE GUILLOTINE |  |
| COCKERELL HANGAR | P35045 |  | TREADLE GUILLOTINE |  |
| COCKERELL HANGAR | P35198 |  | ENGRAVING MACHINE CNC |  |
| COCKERELL HANGAR | P35360 |  | TRIPLE BENDING MACHINE |  |
| COCKERELL HANGAR | P35563 |  | DOUBLE ENDED GRINDER 8" |  |
| COCKERELL HANGAR | P35726 |  | LEV SYSTEM |  |
| COCKERELL HANGAR | P35727 |  | LEV SYSTEM |  |
| COCKERELL HANGAR | P35729 | HANGAR ROOM 57 | LEV SYSTEM |  |
| COCKERELL HANGAR | P35759 |  | TRADES MIG 240 WELDER |  |
| COCKERELL HANGAR | P35763 |  | CIRCLE CUTTER |  |
| COCKERELL HANGAR | P35765 |  | GRAVOGRAPH TOOL GRINDER |  |
| COCKERELL HANGAR | P35767 |  | GALLENKEMP OVEN |  |
| COCKERELL HANGAR | P35768 |  | ECKOLD NIBBLER |  |
| COCKERELL HANGAR | P35770 |  | PIPE BENDING MACHINE |  |
| COCKERELL HANGAR | P35774 |  | ECKOLD NIBBLER |  |
| COCKERELL HANGAR | P35974 |  | LEV SYSTEM |  |
| COCKERELL HANGAR | P36020 |  | DUST EXTRACTION UNIT |  |
| COCKERELL HANGAR | P36021 |  | DUST EXTRACTION UNIT |  |
| COCKERELL HANGAR | P36059 | PCB AREA | LEV CABINET FUME EXTRACTOR |  |
| COCKERELL HANGAR | P36302 | AFR AREA | NILFISK IND VACUUM CLEANER |  |
| COCKERELL HANGAR | P36303 | TRG | INDUSTRIAL VACAIR CLEANER |  |
| COCKERELL HANGAR | P36304 | AIRFRAME AREA | JIZER BATH (ELECTRICAL) |  |
| COCKERELL HANGAR | P36306 | ISSUE CENTRE | ORYX PEC DRILL (BUILT IN LEV) |  |
| COCKERELL HANGAR | P36307 | ISSUE CENTRE | ORYX PEC DRILL (BUILT IN LEV) |  |
| COCKERELL HANGAR | P36311 | PCB AREA | INTERLUX LIGHT UNIT |  |
| COCKERELL HANGAR | P36316 | PCB AREA | WEIR POWER UNIT |  |
| COCKERELL HANGAR | P36489 |  | ARM-EVAC 2000 FUME EXTRACTOR |  |
| COCKERELL HANGAR | P36490 |  | ARM-EVAC 2000 FUME EXTRACTOR |  |
| COCKERELL HANGAR | TE027 |  | GUILLOTINE, (MORGAN RUSHWORTH TEADLE) |  |
| COCKERELL HANGAR | TE028 |  | BANDSAW, (STARTRITE 681S ) |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| DAEDALUS | P29252 | DAEDALUS "B" | TENSOMETER |  |
| DAEDALUS | P29253 | DAEDALUS "B" | TENSOMETER |  |
| DAEDALUS | P29254 | DAEDALUS "B" | TENSOMETER |  |
| DAEDALUS | P29255 | DAEDALUS "B" | TENSOMETER |  |
| DAEDALUS | P29256 | DAEDALUS "B" | TENSOMETER |  |
| DAEDALUS | P31442 | DAEDALUS "C" 117 | SEWING MACHINE 301241 |  |
| DAEDALUS | P31443 | DAEDALUS "C" 117 | SEWING MACHINE 301248 |  |
| DAEDALUS | P31444 | DAEDALUS "C" 117 | SEWING MACHINE 301252 |  |
| DAEDALUS | P32678 | DAEDALUS "C" 117 | SEWING MACHINE 118626 |  |
| DAEDALUS | P32679 | DAEDALUS "C" 117 | SEWING MACHINE 118605 |  |
| DAEDALUS | P33695 | DAEDALUS "C" 117 | SEWING MACHINE 124030 |  |
| DAEDALUS | SN 15695 | F | TRANSFORMER |  |
| DAEDALUS | 6940 NIV1 |  | ISOLATION TRANSFORMER X2 |  |
| DAEDALUS | 6940 NIV2 |  | UFA1C 45000181 GARS SIMULATOR |  |
| DAEDALUS | 6940 NIV2 |  | UFA1C 45000195 GARS SIMULATOR |  |
| DAEDALUS | P35643 | C14 | LEV SYSTEM |  |
| DAEDALUS | P35645 | C12 | ENGINE TROLLEY 5 |  |
| DAEDALUS | P35646 | C12 | ENGINE TROLLEY 6 |  |
| DAEDALUS | P35648 | C6 | HEAT SEALING MACHINE |  |
| DAEDALUS | P35651 | C4 | HEAT SEALING MACHINE |  |
| DAEDALUS | P35652 | C5 | LAMINATOR |  |
| DAEDALUS | P35653 | C2 | LEV SYSTEM |  |
| DAEDALUS | P35696 | F | TEST RIG |  |
| DAEDALUS | P35699 | F | AIR DRIER |  |
| DAEDALUS | P35700 | F03 | HYDRAULIC PUMPING STSTION |  |
| DAEDALUS | P35701 | F10 | VACUUM PUMP |  |
| DAEDALUS | P35702 | F10 | MOTOR GENERATOR |  |
| DAEDALUS | P35721 | C05 | GENERATOR PORTABLE |  |
| DAEDALUS | ENCON | C06 CLASSROOM | LEV SYSTEM (5 X student booths) |  |
| DAEDALUS | NP | C | VACUME SYSTEM |  |
| DAEDALUS | P35641 | C112 | LEV SYSTEM |  |
| DAEDALUS | P35642 | C112 | LEV SYSTEM |  |
| DAEDALUS | P35644 | C117 | SEWING MACHINE 87803 |  |
| DAEDALUS | P35649 | C4 | LEV No1 |  |
| DAEDALUS | P35650 | C4 | LEV No2 |  |
| DAEDALUS | P35698 | F10 | LP AIR COMPRESSOR |  |
| DAEDALUS | P35720 | C16 | ANALOX SURVEYOR COP2 DETECTOR SYSTEM |  |
| DAEDALUS | P35724 NP | B08 | WIND TUNNEL |  |
| DAEDALUS | P35943 | B113 | LEV SYSTEM |  |
| DAEDALUS | P35944 | B | LEV SYSTEM |  |
| DAEDALUS | P35994 | B08 | WIND TUNNEL BALENCING RIG |  |
| DAEDALUS | P35995 | B08 | WIND TUNNEL |  |
| DAEDALUS | P36024 | C16 | CO2 CHARGING UNIT |  |
| DAEDALUS |  | C6 | LEV SYSTEM |  |
| FARADAY | F25-026 | 25 | MOTOR, 0.3HP DEMO (2) S/N422243 |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| FARADAY | F25-077 | 25 | STARTER, DOL S/N008250001/2 |  |
| FARADAY | F25-080 | 25 | STARTER, PANEL (TYPE 2 SIZE-X50) S/N13960/2 | Locl No 25A |
| FARADAY | F25-044 | 25 | STARTER, PANEL (TYPE 2, SIZE 60) S/N14025/ | Local No 17A |
| FARADAY | F25-028 | 25 | STARTER, PANEL (TYPE 2, SIZE 60) S/N14025/10 | Local No 1A |
| FARADAY | F25-047 | 36 | STARTER, PANEL (TYPE 2, SIZE 60) S/N14025/11 | Local No 20A |
| FARADAY | F25-033 | 36 | STARTER, PANEL (TYPE 2, SIZE 60) S/N14025/13 | Local No 6A |
| FARADAY | F25-046 | 36 | STARTER, PANEL (TYPE 2, SIZE 60) S/N14025/14 | Local No 19A |
| FARADAY | F25-048 | 36 | STARTER, PANEL (TYPE 2, SIZE 60) S/N14025/15 | Local No21A |
| FARADAY | F25-037 | 25 | STARTER, PANEL (TYPE 2, SIZE 60) S/N14025/18 | Local No 10A |
| FARADAY | F25-030 | 36 | STARTER, PANEL (TYPE 2, SIZE 60) S/N14025/19 | Local No 3A |
| FARADAY | F25-029 | 36 | STARTER, PANEL (TYPE 2, SIZE 60) S/N14025/2 | Local No 2A |
| FARADAY | F25-045 | 36 | STARTER, PANEL (TYPE 2, SIZE 60) S/N14025/20 | Local No18A |
| FARADAY | F25-035 | 25 | STARTER, PANEL (TYPE 2, SIZE 60) S/N14025/23 | Local No 8A |
| FARADAY | F25-036 | 36 | STARTER, PANEL (TYPE 2, SIZE 60) S/N14025/24 | Local No 9A |
| FARADAY | F25-034 | 36 | STARTER, PANEL (TYPE 2, SIZE 60) S/N14025/25 | Local No 7A |
| FARADAY | F25-038 | 25 | STARTER, PANEL (TYPE 2, SIZE 60) S/N14025/3 | Local No 11A |
| FARADAY | F25-039 | 25 | STARTER, PANEL (TYPE 2, SIZE 60) S/N14025/5 | Local No 12A |
| FARADAY | F25-041 | 25 | STARTER, PANEL (TYPE 2, SIZE 60) S/N14025/6 | Local No 14A |
| FARADAY | F25-040 | 25 | STARTER, PANEL (TYPE 2, SIZE 60) S/N14025/7 | Local No 13A |
| FARADAY | F25-051 | 36 | STARTER, PANEL (TYPE 2, SIZE 60) S/N14025/8 | Local No 23A |
| FARADAY | F25-049 | 36 | STARTER, PANEL (TYPE 2, SIZE 60) S/N14025/9 | Local No 24A |
| FARADAY | F25-066 | 25 | STARTER, FAN 1spd S/N14184/11 | Local No 11B |
| FARADAY | F25-071 | 25 | STARTER, FAN 1spd S/N14184/2 | Local No 21B |
| FARADAY | F25-067 | 25 | STARTER, FAN 1spd S/N14184/4 | Local No 13B |
| FARADAY | F25-070 | 25 | STARTER, FAN 1spd S/N14184/9 | Local No 19B |
| FARADAY | F25-079 | 25 | STARTER, COMPRESSOR S/N14464/4 |  |
| FARADAY | FM623 |  | TYPE 45 SWITCHBOARD HV |  |
| FARADAY | S/N J1805120098 | 36 | DRILL, FAULT DIAGNOSIS PILLAR |  |
| FARADAY | S/N J1806040058 | 36 | DRILL, FAULT DIAGNOSIS PILLAR |  |
| FARADAY | S/N J1807090361 | 36 | DRILL, FAULT DIAGNOSIS PILLAR |  |
| FARADAY | S/N J1807110452 | 36 | DRILL, FAULT DIAGNOSIS PILLAR |  |
| FARADAY | F25-081 | 25 | STARTER, PANEL TYPE-1 S/N MA1558/1 |  |
| FARADAY | NP |  | MOTOR GENERATOR |  |
| FARADAY | NP |  | MOTOR GENERATOR |  |
| FARADAY | P34356 | 47 | VENTILATION UNIT |  |
| FARADAY | P34363 | 8A | VENTILATION UNIT |  |
| FARADAY | P34365 | 8A | VENTILATION UNIT |  |
| FARADAY | P34882 | 48/49 | FUME EXTRACTOR PLANT |  |
| FARADAY | F25-001 | 25 | MOTOR, AC INDUCTION 0.9KW S/N SO.9415/1 |  |
| FARADAY | F25-003 | 25 | MOTOR, AC INDUCTION 0.9KW S/N SO.9415/3 | Local No 21 |
| FARADAY | F25-004 | 25 | MOTOR, AC INDUCTION 0.9KW S/N SO.9415/4 | Local No 22 |
| FARADAY | F25-006 | 25 | MOTOR, AC INDUCTION 0.9KW S/N SO.9415/6 | Local No 24 |
| FARADAY | F25-007 | 25 | MOTOR, AC INDUCTION 0.9KW S/N SO.9415/7 | Local No 24 |
| FARADAY | F25-008 | 25 | MOTOR, AC INDUCTION 0.9KW S/N SO.9415/8 | Local No 19 |
| FARADAY | F25-009 | 25 | MOTOR, AC INDUCTION 0.9KW S/N SO.9415/9 |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| FARADAY |  | 8 | POWER SUPPLY, VARIABLE |  |
| FARADAY | F9-002 | 9 | SIMULATOR, GENERATOR MODEQ-100 (HAVEN) |  |
| FARADAY | F9-001 | 9 | SIMULATOR, GENERATOR MODEQ-100 (HAVEN) |  |
| FARADAY | F9-003 | 9 | SIMULATOR, AC/DC MOTOR (HAVEN) |  |
| FARADAY | F9-004 | 9 | SIMULATOR, AC/DC MOTOR (HAVEN) |  |
| FARADAY | F9-005 | 9 | SIMULATOR, 3ph VFD ETL175 (FEEDBACK) |  |
| FARADAY | F9-006 | 9 | SIMULATOR, PMD MV3000 |  |
| FARADAY | F9-007 | 9 | MOTOR, ELECTRIC MV3000 |  |
| FARADAY | F9-008 | 9 | MOTOR, ELECTRIC MV3000 |  |
| FARADAY | F10-001 | 29 | SWITCHBOARD, T45 LV SIM | Becky Wright |
| FARADAY | F11-001 | 11 | SIMULATOR, CONVERTOR VDM 25000 |  |
| FARADAY | F11-002 | 11 | SIMULATOR, T45 HV SWITCHBOARD |  |
| FARADAY | F11-003 | 11 | TROLLEY, BREAKER REMOVAL |  |
| FARADAY | F11-004 | 11 | TROLLEY, MACHINE/SUPPLY BRIDGE REMOVAL |  |
| FARADAY | FM585 | 13 | Garbage Processing Machine |  |
| FARADAY | FM586 | 13 | Plastics Processing Machine |  |
| FARADAY | F13-003 | 13 | GPM Extractor Fan |  |
| FARADAY | F13-004 | 13 | GPM LEV Starter |  |
| FARADAY | F13-005 | 13 | PPM LEV Starter |  |
| FARADAY | F14-002 | 14 | MOTOR GENERATOR, 440V 60Hz (Mk 100 AVR) |  |
| FARADAY | F14-003 | 14 | MOTOR GENERATOR, 440V 60Hz (Mk 121 AVR) |  |
| FARADAY | F14-004 | 14 | COMPRESSOR, LP AIR (TE012) |  |
| FARADAY | P28345 | 14 | TRANSFORMER RECTIFIER UNIT, F14-005 |  |
| FARADAY | P33548 | 17 | Bench Grinding Machine |  |
| FARADAY | N/A | 17 | Craft Board 5 Amp Interlock Switch Socket |  |
| FARADAY | N/A | 17 | Craft Board Junction Box |  |
| FARADAY | N/A | 17 | Craft Board Switch Socket |  |
| FARADAY | N/A | 17 | Craft Board 1 Way 8 Amp Fuse Box |  |
| FARADAY | SN A3 LD 127828 | 17 | Craft Board Master Switch |  |
| FARADAY | SN DB.17.2 | 17 | 2 Way 8 Amp Fuse Box |  |
| FARADAY | SN DB 17.1 | 17 | 2 Way 8 Amp Fuse Box |  |
| FARADAY | F19-001 | 19 | CATHODIC, T23 ICCP CONTROL |  |
| FARADAY | F19-002 | 19 | CATHODIC, VANGAURD CONTROL |  |
| FARADAY | F19-003 | 19 | CATHODIC, Mk197AA CONTROL |  |
| FARADAY | F19-006 | 19 | LOAD BANK, T42 Mk197AA CATHODIC |  |
| FARADAY | F19-007 | 19 | STATIC FREQUENCY CHANGER,Mk15 |  |
| FARADAY | F19-008 | 19 | RATIONALISED TRANSFORMER RECTIFIER, Mk1 |  |
| FARADAY | F19-009 | 19 | WASHING MACHINE, W4250N |  |
| FARADAY | F19-010 | 19 | HYDRO EXTRACTOR, (Spin Dryer) C240R |  |
| FARADAY | F19-011 | 19 | TUMBLE DRYER, T4250 |  |
| FARADAY | F19-012 | 19 | MIXER, 40 QUART |  |
| FARADAY | F19-014 | 19 | KETTLE, TILTING |  |
| FARADAY | F19-214 | 19 | OVEN, 6 DISH STEAM |  |
| FARADAY | F19-016 | 19 | OVEN, 10 DISH STEAM |  |
| FARADAY | F19-017 | 19 | TEST BOARD, GPTME |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| FARADAY | F19-044 | 19 | CONTROL PANEL, NAV LIGHTS |  |
| FARADAY | F19-046 | 19 | VCS 161 |  |
| FARADAY | F19-047 | 19 | TRANSFORMER, NAV LIGHT |  |
| FARADAY |  | 19 | Masthead Flasher AC Keyer Unit |  |
| FARADAY | F19-??? | 19 | Navigation Light Fuse Panel |  |
| FARADAY | F19-070 | 19 | Mk 20 SU |  |
| FARADAY | F19-081 | 19 | SWITCH, LM6M 115V |  |
| FARADAY | F19-082 | 19 | SWITCH, LM6M 115V |  |
| FARADAY |  | 19 | Cable Changing Box |  |
| FARADAY | F19-087 | 19 | FUSE BOX, 2WAY 8AMP |  |
| FARADAY | F19-089 | 19 | LIGHT, WEATHEER DECK |  |
| FARADAY | F19-091 | 19 | NAVIGATION LIGHT, LARGE |  |
| FARADAY | F19-107 | 19 | NAVIGATION LIGHT, SMALL |  |
| FARADAY |  | 19 | 115V Switch |  |
| FARADAY | F19-136 | 19 | FUSE PANEL (No 2-2 A), 115V |  |
| FARADAY | F19-145 | 19 | FUSE PANEL (No1-2), 115V |  |
| FARADAY | F19-150 | 19 | FUSE PANEL (No 2.1), 440V |  |
| FARADAY | F19-158 | 19 | FUSE PANEL (No 2), 440V |  |
| FARADAY | F19-166 | 19 | SWITCH, 440V AP18009 |  |
| FARADAY | F19-174 | 19 | SWITCH, HEATER 440V |  |
| FARADAY | F19-182 | 19 | HEATER, 440V |  |
| FARADAY | F19-190 | 19 | TRANSFORMER, 10kVA |  |
| FARADAY | F19-194 | 19 | LIGHT, BUNK 115V |  |
| FARADAY | F19-198 | 19 | LAMP, 115V |  |
| FARADAY | F19-203 | 19 | STARTER, TYPE1 SIZE 20 |  |
| FARADAY | F19-205 | 19 | MOTOR, AC INDUCTION 0.3HP |  |
| FARADAY | F19-206 | 19 | MOTOR, AC INDUCTION 0.5HP |  |
| FARADAY | F19-210 | 19 | TRANSFORMER, 1kVA |  |
| FARADAY | F19-211 | 19 | SWITCH, SA INTERLOCK |  |
| FARADAY | F20-003 | 20 | LSD High Voltage Switchboard Simulator |  |
| FARADAY | F20-001 | 20 | QEC High Voltage Switchboard Simulator |  |
| FARADAY | F22-001 | 22 | TS1 Breaker Test Set |  |
| FARADAY | F22-002 | 22 | Type 23 SACE Novomax LV Circuit Breaker (ACB) |  |
| FARADAY | F22-003 | 22 | Type 23 Converter Regulator Simulator |  |
| FARADAY | F22-007 | 22 | Type 23 Hand Changeover Switch |  |
| FARADAY | F22-008 | 22 | Type 23 Special Starter and Control Unit |  |
| FARADAY | F22-010 | 22 | AC Induction Motor and Centrifugal Fan |  |
| FARADAY | F22-012 | 22 | Type 23 Fuse Panel |  |
| FARADAY | F22-013 | 22 | Type 23 Electrical Distribution Panel type 1/8R |  |
| FARADAY | F22-014 | 22 | Type 23 HPSW Pump Starter |  |
| FARADAY | F22-015 | 22 | Type 23 Automatic Changeover Switch type 100A |  |
| FARADAY | F22-017 | 22 | DOL Starter for Lub Oil Pump |  |
| FARADAY | F22-020 | 22 | Electrical Distribution Panel Test Set |  |
| FARADAY | F24-001 | 24 | FUSE PANEL, TYPE 118cs |  |
| FARADAY | F24-013/1 | 24 | SWITCH, (patt 40892) |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| FARADAY | F24-014/1 | 24 | LIGHT, POLICE (AP 17172) |  |
| FARADAY | F24-015/1 | 24 | LIGHT, GENERAL (AP 17171) |  |
| FARADAY | F24-016/1 | 24 | LIGHT, GENERAL, (AP 17163) |  |
| FARADAY | F24-017/1 | 24 | LIGHT, FLOURESCENT 115V 13W |  |
| FARADAY | F24-018/1 | 24 | TRANSFORMER, STP 8545 |  |
| FARADAY | F24-019/1 | 24 | SWICTH SOCKET, 5 AMP |  |
| FARADAY | F24-020/1 | 24 | JUNCTION BOX, (PLAYMIT) 432/295 |  |
| FARADAY | F25-035 | 24 | AEL 115V type A |  |
| FARADAY | F24-017/2 | 24 | LIGHT, FLOURESCENT 115V 8W |  |
| FARADAY | F24-024/1 | 24 | LAMP, PORTABLE |  |
| FARADAY | F24-025/1 | 24 | SWITCH, 115V ISOLATOR (red) |  |
| FARADAY | F24-026 | 24 | FUSE PANEL, 3PH 440V |  |
| FARADAY | F24-028/1 | 24 | LIGHT, SODIUM 115V |  |
| FARADAY | F24-029/1 | 24 | LIGHT, UPPERDECK WATERTIGHT |  |
| FARADAY | F24-030/1 | 24 | LAMP, SIGNALMAN 115V |  |
| FARADAY | N/A | 24 | Starter Box 115V |  |
| FARADAY | N/A | 24 | Transformer isolation Switch (white) |  |
| FARADAY | F24-035 | 24 | AEL 115V type C |  |
| FARADAY | F24-036 | 24 | AEL 115V type A |  |
| FARADAY |  | 25 | STARTER, PANEL TYPE 2 SIZE-60 | Local No 16A |
| FARADAY | F25-064 | 25 | STARTER, FAN (1spd) | Local No 23B |
| FARADAY | F25-065 | 25 | STARTER, FAN (1spd) | Local No 3B |
| FARADAY | F25-068 | 25 | STARTER, FAN (1spd) | Local No 17B |
| FARADAY | F25-069 | 25 | STARTER, FAN (1spd) | Local No 15B |
| FARADAY | F25-053 | 25 | STARTER, T45 DOL (1spd) | Local No 52 |
| FARADAY | F25-054 | 25 | STARTER, T45 DOL (1spd) | Local No 53 |
| FARADAY | F25-055 | 25 | STARTER, T45 DOL (1spd) | Local No 54 |
| FARADAY | F25-056 | 25 | STARTER, T45 DOL (1spd) | Local No 55 |
| FARADAY | F25-057 | 25 | STARTER, T45 DOL (1spd) | Local No 56 |
| FARADAY | F25-059 | 25 | STARTER, T45 DOL (1spd) | Local No 58 |
| FARADAY | F25-060 | 25 | STARTER, T45 DOL (1spd) | Local No 60 |
| FARADAY | F25-061 | 25 | STARTER, T45 DOL (1spd) | Local No 62 |
| FARADAY | F25-078 | 25 | STARTER, T45 DOL (1spd) | Local No 63 |
| FARADAY | F25-074 | 25 | STARTER, T23 Exh FAN | Local No F25-074 |
| FARADAY | F25-075 | 25 | STARTER, (2 spd) | Local No F25-073 |
| FARADAY | F25-105 | 25 | CABLE CHANGING BOX, SO.8857B |  |
| FARADAY |  | 25 | Starter No 1 Variable Resistor |  |
| FARADAY |  | 26 | 440V Isolator AP 18009 |  |
| FARADAY |  | 26 | Cable Changing Box |  |
| FARADAY |  | 26 | Variable Transformer |  |
| FARADAY |  | 26 | Changeover Contactor Panel |  |
| FARADAY |  | 26 | 440V Fuse Panel 6 |  |
| FARADAY |  | 26 | 440V Fuse Panel 11 |  |
| FARADAY |  | 26 | Voltmeter 0-600V |  |
| FARADAY |  | 26 | Standard Starter Size 21 |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| FARADAY | F26-043 | 26 | SWITCH, STEERING MOTOR ACOS |  |
| FARADAY | F26-044 | 26 | LIGHT, T23 AUTOMATIC EMERGENCY TYPE A |  |
| FARADAY | F26-052 | 26 | SWITCH, HCOS |  |
| FARADAY | F26-056 | 26 | STARTER, STEERING MOTOR SIZE 60 |  |
| FARADAY | F26-057 | 26 | MOTOR, AC INDUCTION 0.55HP S/N S26045201 |  |
| FARADAY |  | 26 | MOTOR, AC INDUCTION 0.3HP |  |
| FARADAY | F26-063 | 26 | STARTER, STEERING MOTOR |  |
| FARADAY | F26-064 | 26 | MCCB, ASSEMBLY (R1-27) |  |
| FARADAY | F26-065 | 26 | MCCB, ASSEMBLY (R1-28) |  |
| FARADAY | F26-066 | 26 | MCCB, ASSEMBLY (K1-20) |  |
| FARADAY | F26-067 | 26 | SWITCH, SOCKET INTERLOCK |  |
| FARADAY | F26-068 | 26 | 440V Switch |  |
| FARADAY | F26-072 | 26 | 4 Line Interphone Unit |  |
| FARADAY | F26-076 | 26 | 440V Emergency Connection Box |  |
| FARADAY |  | 26 | 24V Emergency Light |  |
| FARADAY | F26-090 | 26 | Submersible Electric Salvage Pump |  |
| FARADAY | F26-091 | 26 | CHARGER, 10PC HEADLAMP S/N6C68363 |  |
| FARADAY | F26-092 | 26 | CHARGER, HEADLAMP |  |
| FARADAY |  | 26 | 3 Pole Changeover Switch |  |
| FARADAY | F26-035 | 26 | STARTER, TYPE1 SIZE 20 |  |
| FARADAY | F26-034 | 26 | STARTER, TYPE1 SIZE 20 |  |
| FARADAY |  | 26 | STARTER, 440V MOTOR |  |
| FARADAY | F26-098 | 26 | TELEPHONE, SOUND POWER |  |
| FARADAY |  | 26 | SWITCH, INTERLOCK SOCKET |  |
| FARADAY |  | 26 | LINK BOX, 4 WAY PORTABLE EMERGENCY |  |
| FARADAY | F26-105 | 26 | TRANSFORMER, EMERGENCY |  |
| FARADAY | F26-107 | 26 | FUSE PANEL, EMERGENCY |  |
| FARADAY | F26-106 | 26 | FUSE PANEL, EMERGENCY |  |
| FARADAY |  | 26 | JUNCTION BOX |  |
| FARADAY | F26-111 | 26 | TRANSFORMER, K1-01-1 LIGHTING |  |
| FARADAY |  | 26 | AIR CIRCIUT BREAKER, 3000A (OTOMAX) |  |
| FARADAY |  | 26 | SUPPLY UNIT, EMERGENCY |  |
| FARADAY | F26-115 | 26 | CONNECTION BOX, 3 WAY EMERGENCY |  |
| FARADAY | F26-116 | 26 | CONNECTION BOX, 3 WAY EMERGENCY |  |
| FARADAY | F26-117 | 26 | STARTER, 20AMP DOL (E1) |  |
| FARADAY | F26-118 | 26 | STARTER, 20AMP DOL (K1) |  |
| FARADAY | F26-119 | 26 | STARTER, 50AMP DOL (M1) |  |
| FARADAY | F26-120 | 26 | STARTER, 50AMP DOL (M2) |  |
| FARADAY |  | 26 | CONTROL UNIT, REMOTE PUMP STEERING |  |
| FARADAY |  | 26 | AMPLIFIER, AUDIO |  |
| FARADAY |  | 26 | TRANSFORMER, 115V |  |
| FARADAY |  | 26 | AIR CIRCIUT BREAKER, (NOVOMAX) |  |
| FARADAY |  | 26 | AIR CIRCIUT BREAKER, 1600A (OTOMAX) |  |
| FARADAY | F26-001 | 28 | STATIC FREQUENCY CHANGER, Mk15 |  |
| FARADAY | F26-002 | 28 | STATIC FREQUENCY CHANGER, Mk15 |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| FARADAY | F26-003 | 28 | STATIC FREQUENCY CHANGER, Mk15 |  |
| FARADAY | F26-004 | 28 | STATIC FREQUENCY CHANGER, Mk15 |  |
| FARADAY | F26-005 | 28 | STATIC FREQUENCY CHANGER, Mk15 |  |
| FARADAY | F26-006 | 28 | STATIC FREQUENCY CHANGER, Mk15 |  |
| FARADAY | F26-007 | 28 | LOAD SWITCH, Mk15 SFC |  |
| FARADAY | F26-008 | 28 | LOAD SWITCH, Mk15 SFC |  |
| FARADAY | F26-009 | 28 | LOAD SWITCH, Mk15 SFC |  |
| FARADAY | F26-010 | 28 | LOAD SWITCH, Mk15 SFC |  |
| FARADAY | F26-011 | 28 | LOAD SWITCH, Mk15 SFC |  |
| FARADAY | F26-012 | 28 | LOAD SWITCH, Mk15 SFC |  |
| FARADAY | F26-013 | 28 | STATIC FREQUENCY CHANGER, Mk17 |  |
| FARADAY | F26-014 | 28 | STATIC FREQUENCY CHANGER, Mk17 |  |
| FARADAY | F26-015 | 28 | STATIC FREQUENCY CHANGER, Mk17 |  |
| FARADAY | F26-016 | 28 | STATIC FREQUENCY CHANGER, Mk17 |  |
| FARADAY | F26-017 | 28 | STATIC FREQUENCY CHANGER, Mk17 |  |
| FARADAY | F26-018 | 28 | STATIC FREQUENCY CHANGER, Mk17 |  |
| FARADAY | F26-019 | 28 | LOAD SWITCH, Mk17 SFC |  |
| FARADAY | F26-020 | 28 | LOAD SWITCH, Mk17 SFC |  |
| FARADAY | F26-021 | 28 | LOAD SWITCH, Mk17 SFC |  |
| FARADAY | F26-022 | 28 | LOAD SWITCH, Mk17 SFC |  |
| FARADAY | F26-023 | 28 | LOAD SWITCH, Mk17 SFC |  |
| FARADAY | F26-024 | 28 | LOAD SWITCH, Mk17 SFC |  |
| FARADAY | F28-025 | 28 | STATIC FREQUENCY CHANGER, Mk36 |  |
| FARADAY | F28-026 | 28 | STATIC FREQUENCY CHANGER, Mk39 |  |
| FARADAY | F28-027 | 28 | RATIONALISED TRANSFORMER RECTIFIER, Mk1 |  |
| FARADAY | F28-028 | 28 | LOAD SWITCH, Mk1 RTR |  |
| FARADAY | F29-001 | 29 | UPS SIMULATOR S/N3RCQ40KA |  |
| FARADAY | F29-002 | 29 | UPS SIMULATOR BATTERY UNIT |  |
| FARADAY | F29-004 | 29 | CONVERTED SUPPLY DISTRIBUTION SIMULATOR |  |
| FARADAY | F29-003 | 29 | CSD SIMULATOR BATTERY UNIT |  |
| FARADAY | F29-005 | 29 | SWITCHBOARD, T45 EMERGENCY |  |
| FARADAY | F29-006 | 29 | ELECTRICAL DISTRIBUTION PANEL, T45 TYPE 5AMP |  |
| FARADAY | F29-007 | 29 | ELECTRICAL DISTRIBUTION PANEL, T45 TYPE 21 |  |
| FARADAY |  | 29 | FIRE DETECTION SYSTEM SIM, T890 |  |
| FARADAY |  | 29 | NAV LIGHT CONTROLLER |  |
| FARADAY |  | 29 | AIR CIRCUIT BREAKER, LV SACE (OTOMAX) |  |
| FARADAY |  | 29 | ELECTRICAL CRAFT DEMO BOARD |  |
| FARADAY | F30-001 | 30 | STARTER, DC PUMP (MAIN SHAFT LUB OIL) |  |
| FARADAY | F30-002 | 30 | STARTER, DC PUMP (FORCE LUB OIL) |  |
| FARADAY | F30-003 | 30 | DC CONTROL AND REGULATION PANEL |  |
| FARADAY | F30-004 | 30 | STARTER, DC PUMP (HALF DUTY LUB OIL) |  |
| FARADAY | F30-008 | 30 | STARTER, 220V DC SM4 |  |
| FARADAY | F30-009 | 30 | STARTER, DC HYDRAULIC PUMP |  |
| FARADAY | F30-007 | 30 | STARTER, 220V DC SM3 |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| FARADAY | F30-010 | 30 | STARTER, DC VANGUARD TURBINE CONTROL OIL PUMP |  |
| FARADAY | F30-013 | 30 | MOTOR, DC 2.2kW S/N E160K127 |  |
| FARADAY | F30-015 | 30 | MOTOR, DC 1HP S/N 8582H1 |  |
| FARADAY | F30-016 | 30 | MOTOR, DC 2HP S/N 8582H1 |  |
| FARADAY | F30-017 | 30 | MOTOR, DC 0.75kW S/N N022510/1 |  |
| FARADAY | F30-018 | 30 | MOTOR, DC 1.5kW S/N 1D3310 |  |
| FARADAY | F30-019 | 30 | SPEED CONTROL SIM, DC |  |
| FARADAY | F30-020 | 30 | ARMATURE DROP TEST UNIT |  |
| FARADAY | F30-021 | 30 | CO2 ABSORPTION UNIT REGULATOR (LANCO) |  |
| FARADAY |  | 48 | Purex Superflow No 1 LEV |  |
| FARADAY |  | 48 | Purex Superflow No 2 LEV |  |
| FARADAY |  | 48 | Craft Board Heater Element |  |
| FARADAY |  | 48 | Craft Board Heater Element |  |
| FARADAY |  | 48 | Craft Board Consumer Unit |  |
| FARADAY |  | 48 | 2 Lamp Emergency Luminaire |  |
| FARADAY | F49-010 | 49 | CONSUMER UNIT, CRAFT BOARD 10 |  |
| FARADAY | F49-011 | 49 | CONSUMER UNIT, CRAFT BOARD 11 |  |
| FARADAY | F49-012 | 49 | CONSUMER UNIT, CRAFT BOARD 12 |  |
| FARADAY |  | 13 A | Purex Superflow No 3 LEV |  |
| FARADAY |  | GEN RM | 440V Motor Generator |  |
| FARADAY |  | GARAGE | SFC Load Bank |  |
| FARADAY | F25-050 | 25 | STARTER, PANEL TYPE-X50 S/N13960/1 | Local No 25A |
| FARADAY | F25-032 | 25 | STARTER, PANEL TYPE 2 SIZE-60 |  |
| FARADAY | F25-002 | 25 | MOTOR, AC INDUCTION 0.9KW |  |
| FARADAY | F25-013 | 25 | MOTOR, AC INDUCTION 0.9KW |  |
| FARADAY | F25-014 | 25 | MOTOR, AC INDUCTION 0.9KW |  |
| FARADAY | F25-015 | 25 | MOTOR, AC INDUCTION 0.9KW |  |
| FARADAY | F25-016 | 25 | MOTOR, AC INDUCTION 0.9KW |  |
| FARADAY | F25-017 | 25 | MOTOR, AC INDUCTION 0.9KW |  |
| FARADAY | F25-018 | 25 | MOTOR, AC INDUCTION 0.9KW |  |
| FARADAY | F25-019 | 25 | MOTOR, AC INDUCTION 0.9KW |  |
| FARADAY | F25-020 | 25 | MOTOR, AC INDUCTION 0.9KW |  |
| FARADAY | F25-021 | 25 | MOTOR, AC INDUCTION 0.9KW |  |
| FARADAY | F25-022 | 25 | MOTOR, AC INDUCTION 0.9KW |  |
| FARADAY | F25-023 | 25 | MOTOR, AC INDUCTION 0.9KW |  |
| FARADAY | F25-024 | 25 | MOTOR, AC INDUCTION 0.9KW |  |
| FARADAY | F25- | 25 | MOTOR, AC INDUCTION 0.9KW S/N BH1974080109 |  |
| FARADAY | F25-012 | 25 | MOTOR, AC INDUCTION 0.9KW |  |
| FARADAY | F25-011 | 25 | MOTOR, AC INDUCTION 0.9KW |  |
| FARADAY | F25-010 | 25 | MOTOR, AC INDUCTION 0.9KW |  |
| FARADAY | F25-005 | 25 | MOTOR, AC INDUCTION 0.9KW |  |
| FARADAY | F19-004 | 19 | CATHODIC, Mk197AA VANGAURD |  |
| FARADAY | F19-005 | 19 | LOAD BANK, T23 CATHODIC |  |
| FARADAY | F19-043 | 19 | CONTROL PANEL, NAV LIGHTS |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| FARADAY | F19-045 | 19 | VCS 428 |  |
| FARADAY | F19-191 | 19 | TRANSFORMER, 10kVA |  |
| FARADAY | F19-192 | 19 | TRANSFORMER, 10kVA |  |
| FARADAY | F19-193 | 19 | TRANSFORMER, 10kVA |  |
| FARADAY | F19-195 | 19 | LIGHT, BUNK 115V |  |
| FARADAY | F26-075 | 26 | CONNECTION BOX, EMERGENCY 440V |  |
| FARADAY | F26-058 | 26 | MOTOR, AC INDUCTION 0.55HP S/N S26045201 |  |
| FARADAY | F25-025 | 25 | MOTOR, AC INDUCT 0.75kW, (PO77Go1/1) | Local No 25 |
| FARADAY | P35268 | 14 | EXTRACTOR, FUME (PUREX) F14-001 |  |
| FARADAY | F30-006 | 30 | STARTER, 220V DC SM2 |  |
| FARADAY | F30-005 | 30 | STARTER, 220V DC SM1 |  |
| FARADAY | F30-014 | 30 | MOTOR, 1.4Kw DC S/N E160K129 |  |
| FARADAY | F30-012 | 30 | MOTOR, 0.75Kw DC S/N E160K113 |  |
| FARADAY | F30-011 | 30 | MOTOR, 2.2Kw DC S/N E160K128 |  |
| FARADAY | NP | ETG FREE RUN AREA 1 | CIRCUIT BREAKER, EARTH LEAKING |  |
| FARADAY | NP | ETG FREE RUN AREA 2 | CIRCUIT BREAKER, EARTH LEAKING |  |
| FARADAY | NP | ETG DAMAGE CONTROL | CIRCUIT BREAKER, EARTH LEAKING |  |
| FARADAY | NP | 12 | CIRCUIT BREAKER, EARTH LEAKING |  |
| FARADAY | NP | 15 | CIRCUIT BREAKER, EARTH LEAKING |  |
| FARADAY | NP | 22 | CIRCUIT BREAKER, EARTH LEAKING |  |
| FARADAY | NP | 25 | CIRCUIT BREAKER, EARTH LEAKING |  |
| FARADAY | NP | 28 | CIRCUIT BREAKER, EARTH LEAKING |  |
| FARADAY | NP | 29 | CIRCUIT BREAKER, EARTH LEAKING |  |
| FARADAY | NP | 30 | CIRCUIT BREAKER, EARTH LEAKING |  |
| FARADAY | NP | 8 | CIRCUIT BREAKER, EARTH LEAKING |  |
| FARADAY | P07616 | 14 | 1.5 KVA INDUCTOR ALTERNATOR |  |
| FARADAY | P28345 | FARADAY | TRANSFORMER RECTIFIER |  |
| FARADAY | P28459 | FARADAY | SWITCHING LOAD BANK |  |
| FARADAY | P28460 | FARADAY | SWITCHING LOAD BANK |  |
| FARADAY | P29790 NP | 15 | LOAD PANEL, F15-004 |  |
| FARADAY | P29793 | FARADAY | 3 KVA MOTOR GENERATOR |  |
| FARADAY | P29795 | FARADAY | 5 KVA MOTOR ALTERNATOR |  |
| FARADAY | P29821 NP | FARADAY | LOAD PANEL |  |
| FARADAY | P32477 | FARADAY | TRANSFORMER, 1 KVA F19-207 |  |
| FARADAY | P32478 | FARADAY | TRANSFORMER, 1 KVA F19-209 |  |
| FARADAY | P32479 | FARADAY | TRANSFORMER, 1 KVA F19-208 |  |
| FARADAY | P33548 NP | FARADAY | GRINDING MACHINE D/E |  |
| FARADAY | P33551 | FARADAY | SWITCHING LOAD BANK |  |
| FARADAY | P33552 | FARADAY | SWITCHING LOAD BANK |  |
| FARADAY | P33553 | FARADAY | SWITCHING LOAD BANK |  |
| FARADAY | P33554 | FARADAY | SWITCHING LOAD BANK |  |
| FARADAY | P33555 | FARADAY | SWITCHING LOAD BANK |  |
| FARADAY | P33556 | FARADAY | SWITCHING LOAD BANK |  |
| FARADAY | F49-001 | 49 | CONSUMER UNIT, CRAFT BOARD 1 |  |
| FARADAY | F49-002 | 49 | CONSUMER UNIT, CRAFT BOARD 2 |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| FARADAY | F49-003 | 49 | CONSUMER UNIT, CRAFT BOARD 3 |  |
| FARADAY | F49-004 | 49 | CONSUMER UNIT, CRAFT BOARD 4 |  |
| FARADAY | F49-005 | 49 | CONSUMER UNIT, CRAFT BOARD 5 |  |
| FARADAY | F49-006 | 49 | CONSUMER UNIT, CRAFT BOARD 6 |  |
| FARADAY | F49-007 | 49 | CONSUMER UNIT, CRAFT BOARD 7 |  |
| FARADAY | F49-008 | 49 | CONSUMER UNIT, CRAFT BOARD 8 |  |
| FARADAY | F49-009 | 49 | CONSUMER UNIT, CRAFT BOARD 9 |  |
| FARADAY | SN 871109 | 48 | IC TESTER, DIGITAL (RS) |  |
| FARADAY | SN 602-909 | 48 | SOLDER POT (RS) |  |
| FARADAY | F25-108 | 25 | TRANSFORMER, 3.45kVA VARIABLE S/N 4605350 |  |
| FARADAY | F15-009 | 15 | MOTOR GENARATOR, CONTROL PANEL |  |
| FARADAY | F15-008 | 15 | AVR, MK205CP 700V (ROLL ROYCE) |  |
| FARADAY | F15-007 | 15 | LOAD CONTROL PANEL, AVR MK121 |  |
| FARADAY | SN SR013040 | 15 | TANK CONTENTS TRANSMITTER |  |
| FARADAY | F15-005 | 15 | AVR, MK100 |  |
| FARADAY | F15-003 | 15 | MOTOR ALTERNATOR SET, 3kVA |  |
| FARADAY | P29790 | 15 | SWITCH BOARD, F15-004 |  |
| LIFTING SCHOOL | SN 105117-06 | LIFTING SCHOOL | TESTER, 10 TONNE PAD EYE (SELVIN) |  |
| LIFTING SCHOOL | SN EE4E13245 | LIFTING SCHOOL | TESTER, 25 Kn BOLT (HYDRAJAW) |  |
| LIFTING SCHOOL | FM632 | LIFTING SCHOOL | TEST RIG, BLOCK AJT 10 TONNE |  |
| LIFTING SCHOOL | P0040T1P | LIFTING SCHOOL | PRESS, 40 TONNE (TALURIT) |  |
| MACHINE SHOP | FM610 |  | DRILL, BENCH (STARTRITE) |  |
| MACHINE SHOP | FM614 |  | DRILL, BENCH (STARTRITE) |  |
| MACHINE SHOP | FM615 |  | DRILL, BENCH (STARTRITE) |  |
| MACHINE SHOP | FM616 |  | DRILL, BENCH (STARTRITE) |  |
| MACHINE SHOP | P33336 | MACHINE SHOP | DRILL, (MEDDINGS) LB2028446 |  |
| MACHINE SHOP | P33337 | MACHINE SHOP | DRILL, (MEDDINGS) LF2028445 |  |
| MACHINE SHOP | FM620 | METAL WORKSHOP | DRILL, BENCH (STARTLITE SD58) 300009 |  |
| MACHINE SHOP | FM621 | METAL WORKSHOP | DRILL, BENCH (STARTLITE SD58) 300021 |  |
| MACHINE SHOP | NP |  | SUMP CLEANER |  |
| MACHINE SHOP | P19824 | MACHINE SHOP | SAW, VERT BAND (Q&S B10A) 751160 |  |
| MACHINE SHOP | P27622 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 198479 |  |
| MACHINE SHOP | P27623 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 198679 |  |
| MACHINE SHOP | FM619 | METAL WORKSHOP | DRILL, BENCH (STARTLITE SD58) 300034 |  |
| MACHINE SHOP | P27628 | MACHINE SHOP | DRILL, PILLAR(QS QDM32) 198579 |  |
| MACHINE SHOP | P28069 | MACHINE SHOP | GRINDER, D/E (SAMAND) DG1.84/362/1 |  |
| MACHINE SHOP | P28070 | MACHINE SHOP | GRINDER, 14" D/E (SAMAND) DG1.80/305 |  |
| MACHINE SHOP | P28071 | MACHINE SHOP | GRINDER, D/E (SAMAND) DG1.80/301 |  |
| MACHINE SHOP | P28072 | MACHINE SHOP | GRINDER, D/E (SAMAND) DG1.80/302 |  |
| MACHINE SHOP | P28074 | MACHINE SHOP | GRINDING MACHINE D/E |  |
| MACHINE SHOP | P28075 | MACHINE SHOP | GRINDER, D/E (SAMAND) DG1.80/320 |  |
| MACHINE SHOP | P28076 | MACHINE SHOP | GRINDER, D/E (SAMAND) DG1.80/319 |  |
| MACHINE SHOP | P28077 | MACHINE SHOP | GRINDER, D/E (SAMAND) DG1.80/324 |  |
| MACHINE SHOP | P28078 | MACHINE SHOP | GRINDER, D/E (SAMAND) DG1.80/316 |  |
| MACHINE SHOP | P28079 | MACHINE SHOP | GRINDING MACHINE D/E |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| MACHINE SHOP | P28080 | MACHINE SHOP | GRINDING MACHINE D/E |  |
| MACHINE SHOP | P28081 | MACHINE SHOP | GRINDER, D/E (SAMAND) DG1.80/307 |  |
| MACHINE SHOP | P28082 | MACHINE SHOP | GRINDING MACHINE D/E |  |
| MACHINE SHOP | P28083 | MACHINE SHOP | GRINDER, D/E (SAMAND) DG1.80/318 |  |
| MACHINE SHOP | P28140 NP | MACHINE SHOP | SAW, VERTI BAND (Q&S B10A) 301967 |  |
| MACHINE SHOP | P28203 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 206080 |  |
| MACHINE SHOP | FM618 | METAL WORKSHOP | DRILL, BENCH (STARTLITE SD58) 300044 |  |
| MACHINE SHOP | P29381 | MACHINE SHOP | SHEARS, K4 MANUAL |  |
| MACHINE SHOP | P29519 | MACHINE SHOP | TOOL & CUTTER GRINDING M/C |  |
| MACHINE SHOP | P30816 | MACHINE SHOP | GRINDER, UNIVERSAL 1750/27 (JONE-SHIPMAN) |  |
| MACHINE SHOP | P30820 | MACHINE SHOP | GRINDER, HORIZONTAL ROTARY (CHURCHILL |  |
| MACHINE SHOP | P30858 | MACHINE SHOP | ENGRAVING MACHINE |  |
| MACHINE SHOP | P30895 NP | MACHINE SHOP | CENTRE LATHE 6 1/2" (HARRISON M300) 166345 |  |
| MACHINE SHOP | P30896 NP | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P30950 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P30951 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P30952 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P30953 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P30954 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P30955 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P30956 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P30957 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P30958 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P30959 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P30960 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P30961 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P30962 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P30963 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P30964 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P30989 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P30990 | MACHINE SHOP | CENTRE LATHE 6 1/2" (HARRISON M300) 166411 |  |
| MACHINE SHOP | P30991 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P30992 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P30993 | MACHINE SHOP | CENTRE LATHE 6 1/2" (HARRISON M300) 166358 |  |
| MACHINE SHOP | P30994 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P30995 | MACHINE SHOP | CENTRE LATHE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P30996 | MACHINE SHOP | CENTRE LATHE 6 1/2" (HARRISON M300) 166258 |  |
| MACHINE SHOP | P30997 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P30998 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P30999 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31000 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31001 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31002 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) 166237 |  |
| MACHINE SHOP | P31026 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31027 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| MACHINE SHOP | P31029 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31030 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31031 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31033 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31035 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31040 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31041 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31043 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31048 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31050 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31051 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31057 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31058 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31059 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31060 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31062 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31066 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31071 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31072 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31073 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31074 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31075 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31076 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31077 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31080 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31082 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31142 | MACHINE SHOP | GRINDER D/E 200 MM |  |
| MACHINE SHOP | P31144 | MACHINE SHOP | GRINDER D/E 200 MM |  |
| MACHINE SHOP | P31149 | MACHINE SHOP | GRINDER D/E 200 MM |  |
| MACHINE SHOP | P31150 | MACHINE SHOP | GRINDER D/E 200 MM |  |
| MACHINE SHOP | P31153 | MACHINE SHOP | GRINDER D/E 200 MM PW1/87/87/251 |  |
| MACHINE SHOP | P31154 | MACHINE SHOP | GRINDER D/E 200 MM |  |
| MACHINE SHOP | P31177 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 215984 |  |
| MACHINE SHOP | P31178 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 216284 |  |
| MACHINE SHOP | P31179 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 215684 |  |
| MACHINE SHOP | P31180 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 215884 |  |
| MACHINE SHOP | P31181 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 215784 |  |
| MACHINE SHOP | P31183 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 216084 |  |
| MACHINE SHOP | P31210 | MACHINE SHOP | GRINDER, D/E (SAMAND) ADG84/126 |  |
| MACHINE SHOP | P31212 | MACHINE SHOP | BANDSAW, HORIZONTAL (STARLITE) 94004 |  |
| MACHINE SHOP | P31221 | MACHINE SHOP | GRINDER, D/E (DG1.80/323) |  |
| MACHINE SHOP | P31239 | MACHINE SHOP | DRIIL/GRINDER 22J87355166 |  |
| MACHINE SHOP | P31262 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 220485 |  |
| MACHINE SHOP | P31263 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 220185 |  |
| MACHINE SHOP | P31264 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 220385 |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| MACHINE SHOP | P31265 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 220285 |  |
| MACHINE SHOP | P31266 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 220085 |  |
| MACHINE SHOP | P31267 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 216884 |  |
| MACHINE SHOP | P31276 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 217184 |  |
| MACHINE SHOP | P31277 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 217684 |  |
| MACHINE SHOP | P31278 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 217584 |  |
| MACHINE SHOP | P31279 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 217784 |  |
| MACHINE SHOP | P31280 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 217284 |  |
| MACHINE SHOP | P31282 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 217084 |  |
| MACHINE SHOP | P31283 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 216784 |  |
| MACHINE SHOP | P31284 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 2190 |  |
| MACHINE SHOP | P31285 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 2188 |  |
| MACHINE SHOP | P31286 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 2186 |  |
| MACHINE SHOP | P31287 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 2185 |  |
| MACHINE SHOP | P31288 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 217884 |  |
| MACHINE SHOP | P31289 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 2187 |  |
| MACHINE SHOP | P31290 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 217484 |  |
| MACHINE SHOP | P31291 | MACHINE SHOP | MILLING MACHINE, UNIV (BRIDGEPORT) 10258385 |  |
| MACHINE SHOP | P31292 | MACHINE SHOP | DRILLING MACHINE, RADIAL (QSE4) 1196 |  |
| MACHINE SHOP | P31294 | MACHINE SHOP | SHAPING MACHINE 14" (AJAX) 22/0558 |  |
| MACHINE SHOP | P31296 | MACHINE SHOP | BORING MACHINE, HORIZONTAL (KEARN-RICH) 7358 |  |
| MACHINE SHOP | P31297 | MACHINE SHOP | MILLING MACHINE, VERT (BRIDGEPORT) 39241078WX |  |
| MACHINE SHOP | P31325 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 218484 |  |
| MACHINE SHOP | P31326 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 217384 |  |
| MACHINE SHOP | P31327 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 218384 |  |
| MACHINE SHOP | P31328 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 218184 |  |
| MACHINE SHOP | P31329 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 218084 |  |
| MACHINE SHOP | P31330 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 217984 |  |
| MACHINE SHOP | P31331 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 2189 |  |
| MACHINE SHOP | P31332 | MACHINE SHOP | DRILL, PILLAR (QS QDM32) 218284 |  |
| MACHINE SHOP | P31346 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31347 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31348 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31349 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31350 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31351 | MACHINE SHOP | LATHE, CENTRE 6 1/2" (HARRISON M300) |  |
| MACHINE SHOP | P31540 | MACHINE SHOP | GRINDER, D/E 7" (GRYPHON) Q432018 |  |
| MACHINE SHOP | P31579 | MACHINE SHOP | SLOTTING MACHINE 8" (AJAX) |  |
| MACHINE SHOP | P31658 | MACHINE SHOP | GRINDER, D/E 200MM 455136 |  |
| MACHINE SHOP | P31664 | MACHINE SHOP | MILLING MACHINE, UNIVSL (AJAX) 29812B45912 |  |
| MACHINE SHOP | P31665 | MACHINE SHOP | MILLING MACHINE, UNIVSL (AJAX) 29817B45904 |  |
| MACHINE SHOP | P31667 | MACHINE SHOP | MILLING MACHINE, UNIVSL (AJAX) 29814B45901 |  |
| MACHINE SHOP | P31668 | MACHINE SHOP | MILLING MACHINE, UNIVSL (AJAX) 39816B45903 |  |
| MACHINE SHOP | P31669 | MACHINE SHOP | MILLING MACHINE, UNIVSL (AJAX) 29815B45902 |  |
| MACHINE SHOP | P31679 | MACHINE SHOP | MILL, (BRIDGEPORT) 415300286WX |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| MACHINE SHOP | P31680 | MACHINE SHOP | MILL, (BRIDGEPORT) 415080186WX |  |
| MACHINE SHOP | P31681 | MACHINE SHOP | MILL, (BRIDGEPORT) 415650186WX |  |
| MACHINE SHOP | P31682 | MACHINE SHOP | MILL, (BRIDGEPORT) 414990186WX |  |
| MACHINE SHOP | P31683 | MACHINE SHOP | MILL, (BRIDGEPORT) 415330286WX |  |
| MACHINE SHOP | P32278 | MACHINE SHOP | FOLDER, 49" ELECTRIC (MORGAN RUSTWORTH) PUFB5/1009GG/1186 |  |
| MACHINE SHOP | P32279 | MACHINE SHOP | FOLDER, 49" ELECTRIC (MORGAN RUSTWORTH) PUFB5/1008GG/1186 |  |
| MACHINE SHOP | P32473 NP | MACHINE SHOP | GRINDER, D/E (SAMAND) PW1/87/252 |  |
| MACHINE SHOP | P32964 | MACHINE SHOP | FOLDER, 50" ELECTRIC (MORGAN RUSHWORTH) |  |
| MACHINE SHOP | P35988 | METAL WORKSHOP | DRILL, PILLAR (MEDDINGS) 533778WB1 |  |
| MACHINE SHOP | P35987 | METAL WORKSHOP | DRILL, PILLAR (MEDDINGS) 533779LB1 |  |
| MACHINE SHOP | P33364 | MACHINE SHOP | CUTTER/GRINDER, (MARCH) M102 |  |
| MACHINE SHOP | P33463 | MACHINE SHOP | MILLING MACHINE, VERTI (BRIDGEPORT) 461591288Y |  |
| MACHINE SHOP | P33464 | MACHINE SHOP | MILLING MACHINE, VERTI (BRIDGEPORT) 461501288Y |  |
| MACHINE SHOP | P33652 | METAL WORKSHOP | FOLDER, MANUAL (EDWARDS 600) CA1719 |  |
| MACHINE SHOP | P33828 |  | MILLING MACHINE, VERTI (AJAX) 32049B47628 |  |
| MACHINE SHOP | P34939 |  | DUST CONTROL EQUIPMENT 515134-36 |  |
| MACHINE SHOP | P35037 |  | DUST EXTRACTION UNIT 15587 |  |
| MACHINE SHOP | P35660 |  | DRILL, PILLAR (POLLARD) 320574 |  |
| MACHINE SHOP | P35689 | SHEET METAL | DRILL, PILLAR (STARTRITE) 136570 |  |
| MACHINE SHOP | P35091 | SHEET METAL | DRILL, PILLAR (STARTRITE) 136572 |  |
| MACHINE SHOP | P35094 | SHEET METAL | DRILL, PILLAR (STARTRITE) 136573 |  |
| MACHINE SHOP | P35090 | SHEET METAL | DRILL, PILLAR (STARTRITE) 136574 |  |
| MACHINE SHOP | P35654 |  | LEV, FLEX ARM (NEDERMAN) |  |
| MACHINE SHOP | P35092 | SHEET METAL | DRILL, PILLAR (STARTRITE) 136576 |  |
| MACHINE SHOP | P35664 | SHEET METAL | GUILLOTINE 570 |  |
| MACHINE SHOP | P35669 |  | MILLING MACHINE (AJAX) 29709B45796 |  |
| MACHINE SHOP | P35093 | SHEET METAL | DRILL, PILLAR (STARTRITE) 136577 |  |
| MACHINE SHOP | P35707 | SHEET METAL | SHEARER, 51" ELECTRIC (SELSON) |  |
| MACHINE SHOP | P35907 |  | GRINDER, SURFACE (AJAX) 34290B50132 |  |
| MACHINE SHOP | P35908 |  | GRINDER, SURFACE (JONES SHIPMAN) BO93411 |  |
| MACHINE SHOP | P27624 | MACHINE SHOP | PILLAR DRILL |  |
| MACHINE SHOP | P28205 | MACHINE SHOP | PILLAR DRILL |  |
| MACHINE SHOP | FM603 | SHEET METAL | LIFT, 500KG FLOOR HS5018 |  |
| MACHINE SHOP | FM602 | SHEET METAL | LIFT, 500KG TROLLEY 18652 |  |
| MACHINE SHOP | P35847 NP | CAD/CAM ANNEX | PROFILE & ENGRAVER MACHINE 1304 |  |
| MORRELL |  | LAB | Chilled Water Plant Type 23 | 370KW Chilled Water Plant |
| MORRELL | SN 10241N32240645 | LAB | Chilled Water Plant Type 45 |  |
| MORRELL |  | LAB | Chilled Water Plant Vanguard | V Class submarine - 440 kW |
| MORRELL |  | PUMP ROOM | Hydraulic Accumulator | Piston Type Accumulator |
| MORRELL |  |  | Hydraulic Flushing Rig | Guardian Pumps |
| MORRELL | P36328 | HYDRAULIC ROOM | Hydraulic Particle contamination rig 1 |  |
| MORRELL | P36329 | HYDRAULIC ROOM | Hydraulic Particle contamination rig 2 |  |
| MORRELL | P36330 | HYDRAULIC ROOM | Hydraulic Particle contamination rig 3 |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| MORRELL | SN CR016630 | HYDRAULIC ROOM | MOTOR AND PUMP, HYDRAULIC (ROTEC) | 9.3 gal/min Radial Hydraulic Pump and 13 KW Electric Motor |
| MORRELL |  | PUMP ROOM | Hydraulic Pumping Station | Mk VI Series 2B |
| MORRELL |  | HYDRAULIC ROOM | HYDRAULIC BUILD/DEMO SYSTEM 1 (ROTEC HYDR) | Festo Didatic +Dry System |
| MORRELL |  | HYDRAULIC ROOM | HYDRAULIC BUILD/DEMO SYSTEM 2 (ROTEC HYDR) | Festo Didatic +Dry System |
| MORRELL |  | HYDRAULIC ROOM | HYDRAULIC BUILD/DEMO SYSTEM 3 (ROTEC HYDR) | Festo Didatic +Dry System |
| MORRELL |  | HYDRAULIC ROOM | HYDRAULIC BUILD/DEMO SYSTEM 4 (ROTEC HYDR) | Festo Didatic +Dry System |
| MORRELL |  | HYDRAULIC ROOM | HYDRAULIC BUILD/DEMO SYSTEM 5 (ROTEC HYDR) | Festo Didatic +Dry System |
| MORRELL |  | HYDRAULIC ROOM | HYDRAULIC BUILD/DEMO SYSTEM 6 (ROTEC HYDR) | Festo Didatic +Dry System |
| MORRELL | P34269 | HYDRAULIC ROOM | DEMO KIT, HYDRAULIC | Rotec Hydraulic Bi-Directional Pump and Motor Demo Kit |
| MORRELL |  | LAB | Infra red leak detection system | Infra Red Leak Detection System |
| MORRELL |  | LAB | REFRIGERATION PLANT, T23 | 501-S |
| MORRELL |  | LAB | REFRIGERATION PLANT, T42 (LIGHTFOOT) | Original T42 fridge plant |
| MORRELL | SN CB6084-1 | LAB | REFRIGERATION PLANT, T45 |  |
| MORRELL | SU5003 | LAB | REFRIGERATION RIG 1, FAULT FINDING | Fault Finding Rigs |
| MORRELL | SU5002 | LAB | REFRIGERATION RIG 2, FAULT FINDING | Fault Finding Rigs |
| MORRELL | SU4999 | LAB | REFRIGERATION RIG 3, FAULT FINDING | Fault Finding Rigs |
| MORRELL | SU4998 | LAB | REFRIGERATION RIG 4, FAULT FINDING | Fault Finding Rigs |
| MORRELL | SU4996 | LAB | REFRIGERATION RIG 5, FAULT FINDING | Fault Finding Rigs |
| MORRELL | SU4997 | LAB | REFRIGERATION RIG 6, FAULT FINDING | Fault Finding Rigs |
| MORRELL | SU5000 | LAB | REFRIGERATION RIG 7, FAULT FINDING | Fault Finding Rigs |
| MORRELL | SU5001 | LAB | REFRIGERATION RIG 8, FAULT FINDING | Fault Finding Rigs |
| MORRELL | TE014 | LAB | REFRIGERATION RIG, F-GAS TRAINING 1 | F Gas Rigs |
| MORRELL |  | LAB | REFRIGERATION RIG, F-GAS TRAINING 2 | F Gas Rigs |
| MORRELL |  | LAB | REFRIGERATION RIG, F-GAS TRAINING 3 | F Gas Rigs |
| MORRELL |  | LAB | REFRIGERATION RIG, F-GAS TRAINING 4 | F Gas Rigs |
| MORRELL |  | LAB | REFRIGERATION RIG, F-GAS TRAINING 5 | F Gas Rigs |
| MORRELL |  | LAB | REFRIGERATION RIG, F-GAS TRAINING 6 | F Gas Rigs |
| MORRELL |  | LAB | REFRIGERATION RIG, F-GAS TRAINING 7 | F Gas Rigs |
| MORRELL |  | LAB | REFRIGERATION RIG, F-GAS TRAINING 8 | F Gas Rigs |
| MORRELL |  | LAB | REFRIGERATION RIG, F-GAS TRAINING 9 | F Gas Rigs |
| MORRELL | P36324 | LAB | REFRIGERATED CUPBOARD, GALLEY RU |  |
| MORRELL |  | LAB | Ice Machine |  |
| MORRELL |  | LAB | Fridge Demo Rig |  |
| MORRELL |  | LAB | Cool Rm |  |
| MORRELL |  | LAB | Cold Rm |  |
| MORRELL |  | LAB | TEV Rig 1 |  |
| MORRELL |  | LAB | TEV Rig 2 |  |
| MORRELL |  | LAB | TEV Rig 3 |  |
| MORRELL |  | LAB | VISO Trainer |  |
| MORRELL |  | LAB | ACCUMULATOR, HYDRAULIC (SAVERY) | Bag Type |
| MORRELL |  | LAB | REFRIGERATION RIG, F-GAS TRAINING 10 | F Gas Rigs |
| MORRELL |  | LAB | REFRIGERATION RIG, F-GAS TRAINING 11 | F Gas Rigs |
| MORRELL |  | LAB | REFRIGERATION RIG, F-GAS TRAINING 12 | F Gas Rigs |
| MORRELL |  | LAB | REFRIGERATION RIG, F-GAS TRAINING 13 | F Gas Rigs |
| MORRELL | SN 250012 | LAB | MOTOR, HYDRAULIC 1 (SAVERY) | SAVERY |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| MORRELL | SN 250013 | LAB | MOTOR, HYDRAULIC 2 (SAVERY) | SAVERY |
| MORRELL |  | LAB | MOTOR, HYDRAULIC 3 (McTAGGART SCOTT) | McTaggart Scott MK6 Series 2B Hydraulic motor |
| MORRELL |  | LAB | FRIDGE , GALLEY RU R3753 (CARAVELL) | Duplicate |
| MORRELL |  | LAB | ICE MACHINE AC126 (SCOTSMAN) | Duplicate |
| MORRELL |  | LAB | RAF Portable AC Unit |  |
| MORRELL |  | LAB | Build a Fridge |  |
| MORRELL | SN 331146-1C | LAB | CHILLED WATER PLANT, ASTUTE CLASS | New install |
| MORRELL |  | HYDRAULIC ROOM | MONITOR, PCM400 (PALL) |  |
| MORRELL |  | HYDRAULIC ROOM | MONITOR, PALI PCM91 (PALL) |  |
| MORRELL | SN KW84006 | HYDRAULIC ROOM | MONITOR, CM20 |  |
| MORRELL |  | Clean Room | Field smapling kit |  |
| MORRELL |  | LAB | VACCUM RECOVERY PUMP, ASTUTE CWP |  |
| MORRELL | P20026 | LAB | CRANE, OVERHEAD 1TONNE |  |
| NEWCOMMEN HANGAR | P16776 | NEWCOMMEN HANGAR | TREADLE GUILLOTINE |  |
| NEWCOMMEN HANGAR | P27255 | NEWCOMMEN HANGAR | GRINDING MACHINE D/E ABRASIVE WHEEL |  |
| NEWCOMMEN HANGAR | P28213 | NEWCOMMEN | VERTICAL BANDSAW Startrite |  |
| NEWCOMMEN HANGAR | P30362 NP | NEWCOMMEN SET N22877 | TRANSFORMER RECTIFIER (AC > 28VDC) |  |
| NEWCOMMEN HANGAR | P30363 NP | NEWCOMMEN SET N22877 | TRANSFORMER RECTIFIER (AC > 28VDC) |  |
| NEWCOMMEN HANGAR | P30489 | NEWCOMMEN | SURFACE GRINDER-18653WS7 |  |
| NEWCOMMEN HANGAR | P30749 | NEWCOMMEN HANGAR | GRINDER MACHINE Model 110/948 |  |
| NEWCOMMEN HANGAR | P31361 | NEWCOMMEN HANGAR | HORIZONTAL BANDSAW-H225W |  |
| NEWCOMMEN HANGAR | P33011 | NEWCOMMEN | LEV, DUST/FUME (AXMINSTER) 310451 |  |
| NEWCOMMEN HANGAR | P33395 | NEWCOMMEN | DRILL, PILLAR QDS 750 -20397 |  |
| NEWCOMMEN HANGAR | P33467 | NEWCOMMEN | MILLING MACHINE, UNIVSL 463580189Y |  |
| NEWCOMMEN HANGAR | P33691 | NEWCOMMEN | CENTRE LATHE MASTER 2500 |  |
| NEWCOMMEN HANGAR | SN 5378 | POWER ROOM | KARCHER MPDS STEAM CLEANER FM630 |  |
| NEWCOMMEN HANGAR | FM538 | TS WORKSHOP | GUYSON SAND BLASTER |  |
| NEWCOMMEN HANGAR | FM539 | TS WORKSHOP | TURBO SPRAY 3 CABINET |  |
| NEWCOMMEN HANGAR | K597 | GTA WORKSHOP | MORTICER, (AXMINSTER) BM785 |  |
| NEWCOMMEN HANGAR | P13845 | TS WORKSHOP | BOX & PAN FOLDING MACHINE |  |
| NEWCOMMEN HANGAR | P35373 | TS WORKSHOP | JACK TEST RIG - INCLUDING PUMP |  |
| NEWCOMMEN HANGAR | P35497 | TS WORKSHOP | DRILL, PEDESTAL |  |
| NEWCOMMEN HANGAR | P35513 | TS WORKSHOP | DUST EXTRACTOR |  |
| NEWCOMMEN HANGAR | P35580 | TS WORKSHOP | DOUBLE ENDED WHEEL GRINDER 10" |  |
| NEWCOMMEN HANGAR | P35692 | TS WORKSHOP | TROLLEY JACK |  |
| NEWCOMMEN HANGAR | P35693 | WHITTLE HANGAR | OVERHEAD GANTRY 5M HOIST |  |
| NEWCOMMEN HANGAR | P35695 | TS WORKSHOP | PACKAGING SEALER |  |
| NEWCOMMEN HANGAR | P36499 | GTA WORKSHOP | PILLAR DRILL APTC CH16N |  |
| NEWCOMMEN HANGAR | P36502 | GTA WORKSHOP | SANDER, BELT & DISC (AXMINSTER) |  |
| NEWCOMMEN HANGAR |  | GTA WORKSHOP | METBO BANDSAW BAS505G |  |
| NEWCOMMEN HANGAR |  | GTA WORKSHOP | METBO PLANNER/THICKNESSER |  |
| NEWCOMMEN HANGAR |  | GTA WORKSHOP | JET LINISHER JSG-AMS041 |  |
| NEWCOMMEN HANGAR |  | GTA WORKSHOP | TREND ROUTER TABLE & DEWALT ROUTER |  |
| NEWCOMMEN HANGAR |  | GTA WORKSHOP | BOBIN SANDER JET JB05-5 AMS20 |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| NEWCOMMEN HANGAR |  | GTA WORKSHOP | ELECTRA BECKUM PK200 TABLE SAW |  |
| NEWCOMMEN HANGAR |  | TS WORKSHOP | PLASMA CUTTER 36i |  |
| NEWCOMMEN HANGAR |  | TS WORKSHOP | MIG WELDING MACHINE -251 |  |
| NEWCOMMEN HANGAR |  | TS WORKSHOP | TIG ARC WELDER - AC220a |  |
| NEWCOMMEN HANGAR |  | TS WORKSHOP | TURBO SPRAYS DEGREASING TANK WAF 179001 |  |
| NEWCOMMEN HANGAR |  | TS WORKSHOP | PILLAR DRILL 15215 |  |
| NEWCOMMEN HANGAR |  | TS WORKSHOP | Bench Grinder - 6" CBGRL |  |
| NEWCOMMEN HANGAR |  | TS WORKSHOP | Buffer Machine Creusen - bench mounted |  |
| NEWCOMMEN HANGAR |  | TS WORKSHOP | SIEG Metal Lathe - 104011 |  |
| NEWCOMMEN HANGAR |  | TS WORKSHOP | Pillar Drill APTC CH16N |  |
| NEWCOMMEN HANGAR |  | TS WORKSHOP | BANDSAW WNB BAS505G |  |
| NEWCOMMEN HANGAR |  | TS WORKSHOP | BOBIN SANDER JET JBOC-5 |  |
| NEWCOMMEN HANGAR |  | TS WORKSHOP | CHOPSAW REXON MS10RA |  |
| NEWCOMMEN HANGAR |  | TS WORKSHOP | LIISHER SANDER JET-JSG-96 |  |
| NEWCOMMEN HANGAR |  | TS WORKSHOP | MOLING Machine (Moticer) BM78S |  |
| NEWCOMMEN HANGAR |  | TS WORKSHOP | PLANNER-THICKNESSER HC333-G/2.50W |  |
| NEWCOMMEN HANGAR |  | TS WORKSHOP | PLANNER-THICKNESSER Scheppsh HMS100 |  |
| NEWCOMMEN HANGAR |  | TS WORKSHOP | LATHE CLARKE |  |
| NEWCOMMEN HANGAR |  | TS WORKSHOP | Extractor Unit Sander ICO-0094 |  |
| NEWCOMMEN HANGAR |  | TS WORKSHOP | BENDING MACHINE Model 4.18bp 67c/22446 |  |
| NEWCOMMEN HANGAR |  | TS WORKSHOP | GUILLOTINE Manual 4-161/6MK3 635/Iss1/69c/289 |  |
| NEWCOMMEN HANGAR |  | TS WORKSHOP | Bandsaw Butt Welder FULGOR VC-4 |  |
| NEWCOMMEN HANGAR |  | TS WORKSHOP | GALLENKEMP OVEN Hotbox model FM506 |  |
| NEWCOMMEN HANGAR |  | TS WORKSHOP | PORTA GANTRY & YALE HOIST |  |
| NEWCOMMEN HANGAR |  | TS WORKSHOP | LATHE HARRISON M250 |  |
| NEWCOMMEN HANGAR |  | TS WORKSHOP | VODEX DOWN-DRAW LEV BENCH |  |
| NEWCOMMEN HANGAR |  | TS WORKSHOP | VODEX LEV SYSTEM |  |
| NEWCOMMEN HANGAR | NP |  | CIRCULAR SAW TABLE D65510 |  |
| NEWCOMMEN HANGAR | P35691 |  | HYDRAULIC TEST PUMP |  |
| NEWCOMMEN HANGAR | P35694 |  | STEAM CLEANER |  |
| NTG | NP |  | AIR PARTICLE DETECTOR UNIT 2 |  |
| NTG | P03453 |  | TENSOMETER |  |
| NTG | P27606 | NTG | 2 KVA TRANSFORMER |  |
| NTG | P33573 NP | NTG | STATIC FREQUENCY CHANGER |  |
| NTG | P35564 |  | MICROSCOPE |  |
| NTG | P35569 |  | AIR PARTICLE DETECTOR UNIT 2 |  |
| NTG | P35797 NP | WATER TREATMENT LAB | FUME CUPBOARD 240V |  |
| PARSONS | SN 13026/7 | 0-7 | STARTER PANEL, FAULT (A) | Fault finding rigs. 14 in number, plug in 240v units |
| PARSONS |  | 0-7 | Blue Boxes | Fault finding rigs. 14 in number, plug in 240v units |
| PARSONS | SU4060 | 0-7a | HVME GD010 | 1 Server unit, 115v supplied by MG set |
| PARSONS | SN6658 | 0-8 | NOISE MAKER | 115v motor and drive |
| PARSONS | P32116 | 0-8 | MG SET | 240v to 115v Motor generator |
| PARSONS | SN605/12/30 | 0-8 | POWER FUNCTIONAL GENERATOR PFG605 | 115v supply unit |
| PARSONS |  | 0-13 | HEMCO Controls and Diagnostic Trainer | 8 in number, Hard Wired via isolation switch |
| PARSONS |  | 0-14 | PLC/DRIVES LAB | N/A |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| PARSONS | SN 7817 | 0-15 | PUMP RIG (A) | 12 in number, plug in 240v units |
| PARSONS | SN S2-E-15412 | 0-15 | TORSION METER | 1 unit fitted |
| PARSONS | SU2027 | 0-15 | T23 Steering Gear Simulator | Control and diagnostic rig |
| PARSONS | SU4065 | 0-15 | T23 Stabiliser Simulator | Control and diagnostic rig |
| PARSONS |  | 0-16 | PROCEDUAL TRAINER, T23 |  |
| PARSONS |  | 0-19 | Fire/flood detection | Tyco training aid |
| PARSONS |  | 0-25 | D86 maintainer trainer | MCAS D86 training aid |
| PARSONS |  | 0-25 | Bay 1 Pressure model | MCAS D86 training aid |
| PARSONS |  | 0-25 | Bay 2 DG model | MCAS D86 training aid |
| PARSONS |  | 0-25 | Bay3 EM/GT model | MCAS D86 training aid |
| PARSONS |  | 0-25 | Bay 4 CDCU | MCAS D86 training aid |
| PARSONS |  | 0-25 | DCAU | Data Collection and Analasys Unit |
| PARSONS |  | 0-34 | Teddington | Diagnostic panel |
| PARSONS |  | 0-48 | MCMV Simulator | OOA |
| PARSONS |  | 0-56 | SRMH Simulator | 2 main panels, 240v for training |
| PARSONS |  | 1-15 | POWER SUPPLY UNIT, DESKTOP | Power supply |
| PARSONS | SN 03588 | 2-1 | POWER SUPPLY, VARIABLE DC (FARNELL) | Power supply |
| PARSONS |  | 2-1 | PRESSURE PROCESS RIG 38-714, (FEEDBACK) | Test rig |
| PARSONS |  | 2-1 | Thermocouple rig | Test rig |
| PARSONS |  | 2-1 | Transducer Display rig | Test rig |
| PARSONS | SN 605-12-27 | 2-1 | FUNCTION GENERATOR PFG605, (FEEDBACK) | Sine wave generator |
| PARSONS | SN 294-22-44 | 2-1 | HEATBAR CNTL BX, TK294 (FEEDBACK) | Test rig |
| PARSONS | SN 38-300-8-1 | 2-1 | PROCESS CONTROLLER 38-300 (FEEDBACK) | Simulator |
| PARSONS |  | 2-1 | Synchro TX-RX rig | Test rig |
| PARSONS |  | 2-1 | Oscilloscope PM3082 | Oscilloscope |
| PARSONS |  | 2-1 | Power Supply Unit PSE 150E | Power Supply |
| PARSONS |  | 2-1 | Compressor model 8/24 | Compressor for test rig |
| PARSONS |  | 2-2 | Power supply (+/- 15V DC) | Power supply -/+ 15VDC For transducer rigs |
| PARSONS |  | 2-2 | Function Generator | Sine wave generator |
| PARSONS |  | 2-2 | Heatbar | Test rig |
| PARSONS |  | 2-2 | Process Control Simulator | Simulator |
| PARSONS |  | 2-2 | Synchro TX-RX rig | Test rig |
| PARSONS | SN DM664035 | 2-3 | OSCILLOSCOPE PM3082 | Oscilloscope |
| PARSONS |  | 2-2 | Air Conditioning unit | ACU for test rig |
| PARSONS | SUL466 | 2-3 | POWER SUPPLY, VARIABLE DC (FARNELL) | Power supply |
| PARSONS | SN 600-29-182 | 2-3 | FUNCTION GENERATOR, FG 600 (FEEDBACK) | Sine wave generator |
| PARSONS | SN 294/18/23 | 2-3 | HEATBAR CNTL BX, TK294 (FEEDBACK) | Test rig |
| PARSONS | SN 327/44/H | 2-3 | SIMULATOR, PROCESS CNTL PCS327 (FEEDBACK) | Simulator |
| PARSONS |  | 2-3 | TORQUE SYNCRO TX/RX RIG | Test rig |
| PARSONS |  | 2-3 | OSCILLOSCOPE PM3082 | Oscilloscope |
| PARSONS | SUL 1 | X-10 | HMCCS | Hover and Missile Compensation Control System |
| PARSONS | SUL 1 | X-10 | HMCCS SIMULATOR | Hover and Missile Compensation Control System |
| PARSONS | SUL1053 | X-7 | OMC MAINTAINER TRAINER, (FERRANTTI) | One Man Control and Autopilot trainer |
| PARSONS | SUL1035 | X-7 | VANGUARD DIGITAL DEPTH TRAINER | Submarine Depth Indication trainer |
| PARSONS |  | X-9 | T45 MCAS TRAINER SERVER | Simulator T45 Training equipment |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| PARSONS |  | X-9 | T45 MCAS TRAINER PMS SERVER | Simulator T45 Training equipment |
| PARSONS |  | X-9 | T45 MCAS TRAINER EQUIPMENT | Simulator T45 Training equipment |
| PARSONS |  | X-9 | T45 MCAS TRAINER COMMS | Simulator T45 Training equipment |
| PARSONS | SN 13026/9 | 0-7 | STARTER PANEL, FAULT (B) | Fault finding rigs. 14 in number, plug in 240v units |
| PARSONS | SN 13026/6 | 0-7 | STARTER PANEL, FAULT (C) | Fault finding rigs. 14 in number, plug in 240v units |
| PARSONS | SN 13026/2 | 0-7 | STARTER PANEL, FAULT (D) | Fault finding rigs. 14 in number, plug in 240v units |
| PARSONS | SN 13026/5 | 0-7 | STARTER PANEL, FAULT (E) | Fault finding rigs. 14 in number, plug in 240v units |
| PARSONS | SN 13026/12 | 0-7 | STARTER PANEL, FAULT (F) | Fault finding rigs. 14 in number, plug in 240v units |
| PARSONS | SN 13026/4 | 0-7 | STARTER PANEL, FAULT (G) | Fault finding rigs. 14 in number, plug in 240v units |
| PARSONS | SN 13026/3 | 0-7 | STARTER PANEL, FAULT (I) | Fault finding rigs. 14 in number, plug in 240v units |
| PARSONS | SN 13026/14 | 0-7 | STARTER PANEL, FAULT (J) | Fault finding rigs. 14 in number, plug in 240v units |
| PARSONS | SN 13026/13 | 0-7 | STARTER PANEL, FAULT (K) | Fault finding rigs. 14 in number, plug in 240v units |
| PARSONS | SN 13026/1 | 0-7 | STARTER PANEL, FAULT (L) | Fault finding rigs. 14 in number, plug in 240v units |
| PARSONS | SN 13026/11 | 0-7 | STARTER PANEL, FAULT (M) | Fault finding rigs. 14 in number, plug in 240v units |
| PARSONS | SN 13026/10 | 0-7 | STARTER PANEL, FAULT (N) | Fault finding rigs. 14 in number, plug in 240v units |
| PARSONS | SN 7818 | 0-15 | PUMP RIG (B) | 12 in number, plug in 240v units |
| PARSONS | SN 7819 | 0-15 | PUMP RIG (C) | 12 in number, plug in 240v units |
| PARSONS | SN 7820 | 0-15 | PUMP RIG (D) | 12 in number, plug in 240v units |
| PARSONS | SN 7821 | 0-15 | PUMP RIG (E) | 12 in number, plug in 240v units |
| PARSONS | SN 7822 | 0-15 | PUMP RIG (F) | 12 in number, plug in 240v units |
| PARSONS | SN 7823 | 0-15 | PUMP RIG (G) | 12 in number, plug in 240v units |
| PARSONS | SN 7824 | 0-15 | PUMP RIG (H) | 12 in number, plug in 240v units |
| PARSONS | SN 7825 | 0-15 | PUMP RIG (I) | 12 in number, plug in 240v units |
| PARSONS | SN 7826 | 0-15 | PUMP RIG (J) | 12 in number, plug in 240v units |
| PARSONS | SN 7827 | 0-15 | PUMP RIG (K) | 12 in number, plug in 240v units |
| PARSONS | SN 7828 | 0-15 | PUMP RIG (L) | 12 in number, plug in 240v units |
| PARSONS | SN 327/44/F | 2-3 | Process Control Simulator PCS 327 (FEEDBACK) | Simulator |
| PARSONS | SN 327/44/N | 2-3 | Process Control Simulator PCS 327 (FEEDBACK) | Simulator |
| PARSONS | SN 327/46/D | 2-3 | Process Control Simulator PCS 327 (FEEDBACK) | Simulator |
| PARSONS | SN 327/44/E | 2-3 | Process Control Simulator PCS 327 (FEEDBACK) | Simulator |
| PARSONS | SN 327/44/J | 2-3 | Process Control Simulator PCS 327 (FEEDBACK) | Simulator |
| PARSONS | SN 327/36/V | 2-3 | Process Control Simulator PCS 327 (FEEDBACK) | Simulator |
| PARSONS | SN 327/36/H | 2-3 | Process Control Simulator PCS 327 (FEEDBACK) | Simulator |
| PARSONS | SN 327/46/C | 2-3 | Process Control Simulator PCS 327 (FEEDBACK) | Simulator |
| PARSONS | SN 605/11/30 | 2-3 | FUNCTION GENERATOR, PWR PFG 6O5 (FEEDBACK) | Sine wave generator |
| PARSONS | P31433 | 2-3 | POWER SUPPLY, +/- 15V (FARNELL) | Power supply -/+ 15VDC For transducer rigs |
| PARSONS | P31432 | 2-3 | POWER SUPPLY, +/- 15V (FARNELL) | Power supply -/+ 15VDC For transducer rigs |
| PARSONS | SN 294/22/9 | 2-3 | HEATBAR CNTL BX, TK294 (FEEDBACK) | Test rig |
| PARSONS | SN 03591 | 2-3 | POWER SUPPLY, VARIABLE DC (FARNELL) | Sine wave generator |
| PARSONS | SN 03587 | 2-2 | POWER SUPPLY, VARIABLE DC (FARNELL) | Sine wave generator |
| PARSONS | SN 03580 | 2-2 | POWER SUPPLY, VARIABLE DC (FARNELL) | Sine wave generator |
| PARSONS | SN 600-29-182 | 2-3 | FUNCTION GENERATOR, FG 600 (FEEDBACK) | Sine wave generator |
| PARSONS | SN 600-29-178 | 2-3 | FUNCTION GENERATOR, FG 600 (FEEDBACK) | Sine wave generator |
| PARSONS | SN 03593 | 2-1 | POWER SUPPLY, VARIABLE DC (FARNELL) |  |
| PARSONS | SN 605-12-26 | 2-1 | FUNCTION GENERATOR PFG605, (FEEDBACK) |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| PARSONS |  | 0-16 | SPEY GTCU LCP, T23 (CAB 63) |  |
| PARSONS |  | 0-16 | HV SWITCHBOARD , T23 (CAB 61) |  |
| PARSONS |  | 0-16 | HV SWITCHBOARD , T23 (CAB 67) |  |
| PARSONS |  | 0-16 | OPERATOR CONSOLE, T23 |  |
| PARSONS |  | 0-16 | SUPERVISOR CONSOLE, T23 |  |
| PARSONS |  | 0-16 | GEARBOX LCP, T23 (CAB 62) |  |
| PARSONS |  | 0-16 | DG LCP, T23 (CAB 64) |  |
| RAPER | P35007 |  | WATER COOLING TOWER & TREATMENT EQUIPMENT |  |
| RAPER | SU4527 | ENGINE CELL | GAS TURBINE CHANGE UNIT, SPEY SM1A |  |
| RAPER | P34753 NP | ENGINE CELL | HP AIR COMPRESSOR, S/N5436N117 ( REAVELL) |  |
| RAPER | P34731 | ENGINE CELL | DYNANOMETER, HYDRAULIC SPEY |  |
| RAPER | P24720 | ENGINE CELL | TRANSDUCER, LUB OIL TANK (OM100) |  |
| RAPER | P34723 | ENGINE CELL | TANK, SPEY LUB OIL (OM100) |  |
| RAPER | P34730 | ENGINE CELL | TANK, SPEY DYNO (TELLUS 68) SML |  |
| RAPER | P34728 | ENGINE CELL | VALVE, PNEUMATIC CONTROL S/N8748607 |  |
| RAPER |  | ENGINE CELL | TANK, SPEY DYNO (TELLUS 68) LRG |  |
| RAPER | P34717 | ENGINE CELL | PUMP, L.P. FUEL BOOST No.1 |  |
| RAPER | P34748 | ENGINE CELL | PUMP, PWR TURBINE No.1 |  |
| RAPER | P34729 | ENGINE CELL | PUMP, DYNA LUB OIL CIRC |  |
| RAPER | P34718 | ENGINE CELL | PUMP, PWR TURBINE LUB OIL CIRC |  |
| RAPER | P34743 | ENGINE CELL | PUMP, L.P. FUEL BOOST No.2 |  |
| RAPER | P34719 | ENGINE CELL | PUMP, PWR TURBINE No.2 |  |
| RAPER | FM740 | PUMP AREA/SPEY CELL | FAN, No1 SPEY |  |
| RAPER | FM741 | PUMP AREA/SPEY CELL | FAN, No2 SPEY |  |
| RAPER | FM742 | PUMP AREA/SPEY CELL | FAN, No3 SPEY |  |
| STEAM LORRY WORKSHOP | P03048 | WORKSHOP | MILLING MACHINE, UNIVERSAL (PARKSON) |  |
| STEAM LORRY WORKSHOP | P03281 | WORKSHOP | DRILL, PILLAR 3/4" (MEDDINGS) |  |
| STEAM LORRY WORKSHOP | P17107 | WORKSHOP | DRILL, PILLAR (Q&S) |  |
| STEAM LORRY WORKSHOP | P17182 | WORKSHOP | GRINDING MACHINE (UNION) |  |
| STEAM LORRY WORKSHOP | P28492 | WORKSHOP | SHAPING MACHINE 14" (ELLIOTT) |  |
| STEAM LORRY WORKSHOP | P29518 | WORKSHOP | GRINDING MACHINE D/E 8" (WOLF POLISHER) |  |
| STEAM LORRY WORKSHOP | P30818 | WORKSHOP | LATHE, CAPSTAN (WARD) |  |
| STEAM LORRY WORKSHOP | P30894 NP | WORKSHOP | LATHE, 6 1/2" CENTRE (HARRISON) |  |
| STEAM LORRY WORKSHOP | P31295 | WORKSHOP | TOOL/CUTTER/GRINDER (JONES & SHIPMAN) |  |
| STEAM LORRY WORKSHOP | P31663 | WORKSHOP | MILLING MACHINE, UNIVERSAL (DENFORD) |  |
| STEAM LORRY WORKSHOP | P31959 | WORKSHOP | FLY PRESS |  |
| STEAM LORRY WORKSHOP | TE074 | WORKSHOP | LP AIR COMPRESSOR |  |
| STEAM LORRY WORKSHOP | TE078 | WORKSHOP | POWER WASH SKIPPER (PULITECLO OMEGA 112) |  |
| STEAM LORRY WORKSHOP |  | WORKSHOP | LATHE 6 1/2" CENTRE (HARRISON M300) |  |
| STEPHENSON HANGAR | HV-01 | GND FLR PWR RM | LP COMPRESSOR |  |
| THUNDERER | S/N 099 | AP WORKSHOP | CO2 AIR COMPRESSOR | CO2 Compressor |
| THUNDERER | SN ADM/SF/110 | AP WORKSHOP | AIR FILTRATION SYSTEM, CO2 | Electrostatic Preciptator |
| THUNDERER | SN M1114 | AP WORKSHOP | COGS MAINFRAME | COGS Mainframe |
| THUNDERER | SN 13 | AP WORKSHOP | CARBON DIOXIDE REMOVAL PLANT, CO2 (MPT) | MPT Carbon Dioxide Removal Plant |
| THUNDERER | SN E4561 | AP WORKSHOP | COGS CONTROL CUBICLE, UNIT A | COGS Control Cubicle |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| THUNDERER | SN K1554000002 | AP WORKSHOP | COGS CONVERTER | COGS Converter |
| THUNDERER | SN EKJ0212 | OUTSIDE BUILDING | CHILLED WATER PLANT | CW for machine cooling |
| THUNDERER | SN 001039 | AP WORKSHOP | COMPRESSOR, HYDROGEN GAS | Hydrogen Gas Compressor – 70 bar Output |
| THUNDERER | SN 10/X/M/102/R2 | AP WORKSHOP | GAS MANAGEMENT PLANT (GMP) | Wellman Gas Managment Plane (GMP) Mk 1 |
| THUNDERER | SN PC1054/3 | AP WORKSHOP | CATALYSTIC BURNER/CONTROL UNIT, HIGH TEMPERATURE | Catalytic Carbon Dioxide/Hydrogen Burner |
| THUNDERER | SN 150/N/LP221A/R | AP WORKSHOP | ELECTROLYSER, LOW PRESSURE | Low Pressure Water Electrolyser |
| THUNDERER | SN 98EJB01231 | AP WORKSHOP | TRANSFORMER RECTIFIER UNIT | Type M29812603, 300V 300 Amp dc output |
| THUNDERER |  | OUTSIDE BUILDING | GAS SYSTEM, NITROGEN | N2 Supply for Machine operation |
| THUNDERER |  | OUTSIDE BUILDING | GAS SYSTEM, CARBON DIOXIDE | CO2 Supply for machine operation |
| THUNDERER |  | OUTSIDE BUILDING | MOTOR GENERATOR SET | electrical supply for machine operation |
| WATT HANGAR | SN 15042785 | WOODWORK SECTION | SANDER, OSCILLATING BELT (JET) |  |
| WATT HANGAR | FM743 | OUTSIDE PUMP AREA | FAN, No1 INVERTER VARIABLE SPEED |  |
| WATT HANGAR | FM751 |  | DIRTY OIL TANK |  |
| WATT HANGAR | FM767 | CELL 4 | CATERPILLAR C32 ODG (RNY02438) | UMMS Maint Required |
| WATT HANGAR | FM768 |  | WATERBRAKE SCHENECK (CATERPILLAR) |  |
| WATT HANGAR | FM778 | CENTTRIFUGE PLATFORM | ROTORK VALVES X 4 |  |
| WATT HANGAR | FM799 | SHOP FLOOR | CRANE, JIB SWL 500KG (C29792-01) |  |
| WATT HANGAR | NP | CELL PLATFORM/ROOF | COOLANT TANK |  |
| WATT HANGAR | NP | CENT PLATFORM | LO AUTO CLEAN STRAINER |  |
| WATT HANGAR | NP | F/W PLATFORM | PALL REVERSE OSMOSIS PLANT (RO-1539DT15/1) | T45 ROCHEM RO1539 |
| WATT HANGAR | NP | F/W PLATFORM | SSS REVERSE OSMOSIS PLANT T23/QEC/LPD/T26 (08428) | T23/QE |
| WATT HANGAR | NP | F/W PLATFORM | SSS REVERSE OSMOSIS PLANT MCMV (S413) | MCMV |
| WATT HANGAR | NP | F/W PLATFORM | DOMINIC HUNTER LP AIR DRIER (36903) |  |
| WATT HANGAR | NP | F/W PLATFORM | FRESH WATER PUMP TYPE 23 No 1 |  |
| WATT HANGAR | NP | F/W PLATFORM | FRESH WATER PUMP TYPE 23 No 2 (46967-01) |  |
| WATT HANGAR | NP | F/W PLATFORM | FRESH WATER PUMP TYPE 23 No 8 (47897-3) |  |
| WATT HANGAR | NP | F/W PLATFORM | FRESH WATER PUMP TYPE 23 No 9 (61576-02A) |  |
| WATT HANGAR | NP | F/W PLATFORM | FRESH WATER PUMP TYPE 23 No 1 Starter |  |
| WATT HANGAR | NP | F/W PLATFORM | FRESH WATER PUMP TYPE 23 No 2 Starter |  |
| WATT HANGAR | NP | F/W PLATFORM | FRESH WATER PUMP TYPE 23 No 8 Starter |  |
| WATT HANGAR | NP | F/W PLATFORM | FRESH WATER PUMP TYPE 23 No 9 Starter |  |
| WATT HANGAR | NP | AIR PLATFORM | HAMWORTHY CENT WATER Pp 5x4 (UD160M) |  |
| WATT HANGAR | NP | CENT PLATFORM | HAMWORTHY LUB OIL PUMP (A1881-01) |  |
| WATT HANGAR | NP | CENT PLATFORM | HEAT EXCHANGER No1 |  |
| WATT HANGAR | NP | CENT PLATFORM | HYDRAULIC PRESSURE TEST RIG |  |
| WATT HANGAR | NP | F/W PLATFORM | LP STEAM TRAINING RIG |  |
| WATT HANGAR | NP | AIR PLATFORM | TYPE 23 LP SALT WATER PUMP 3x3 |  |
| WATT HANGAR | NP | No.01 HPAC BAY | HP AIR COMPRESOR (4517N2140) |  |
| WATT HANGAR | NP | T23 VALENTA | PAXMAN VELENTA DIESEL ENGINE (870010-1) | Paxman Valenta |
| WATT HANGAR | NP | T23 CELL | DIESEL CONTROL PANEL TYPE 23 | Paxman Valenta |
| WATT HANGAR | NP | T23 CELL | DIESEL TANK TYPE 23 |  |
| WATT HANGAR | NP | CENT PLATFORM | HEAT EXCHANGER No2 |  |
| WATT HANGAR | NP | CENT PLATFORM | HEAT EXCHANGER No3 |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| WATT HANGAR | P03207 NP |  | STEEL WATER TANK |  |
| WATT HANGAR | P03218 | GRAVEYARD | CENTRIFUGAL PUMP WESTFALIA |  |
| WATT HANGAR | P03226 |  | LUB OIL TANK |  |
| WATT HANGAR | P13231 NP |  | 0-10 KVA TRANSFORMER |  |
| WATT HANGAR | P13232 NP |  | 0-10 KVA TRANSFORMER |  |
| WATT HANGAR | P13537 |  | 15 KVA TRANSFORMER |  |
| WATT HANGAR | P17288 | WATT HANGAR | RESISTANCE LOAD UNIT |  |
| WATT HANGAR | P17289 | WATT HANGAR | RESISTANCE LOAD UNIT |  |
| WATT HANGAR | P17290 | WATT HANGAR | RESISTANCE LOAD UNIT |  |
| WATT HANGAR | P17291 | WATT HANGAR | RESISTANCE LOAD UNIT |  |
| WATT HANGAR | P17292 | WATT HANGAR | RESISTANCE LOAD UNIT |  |
| WATT HANGAR | P17293 | WATT HANGAR | RESISTANCE LOAD UNIT |  |
| WATT HANGAR | P19201 NP | WATT HANGAR | FRESH WATER TANK |  |
| WATT HANGAR | P26694 | WATT HANGAR | MILLING MACHINE, (HARRISON 600) |  |
| WATT HANGAR | P26830 | WATT HANGAR O/S HANGAR | DIESEL LOAD RESISTER |  |
| WATT HANGAR | P27137 | WATT HANGAR | PAXMAN VELENTA DIESEL ENGINE 6RPA (740015/3) |  |
| WATT HANGAR | P27547 | WORKSHOPS | GRINDING MACHINE D/E 8" |  |
| WATT HANGAR | P29522 | WATT HANGAR ICE TOWER | COOLING TOWER & PUMPS/MOTORS/EQUIPMENT |  |
| WATT HANGAR | P31528 | WORKSHOP | GOVERNOR TEST RIG, (RE Ltd) SN85/1780 |  |
| WATT HANGAR | P31765 | WATT HANGAR | 2.5 KVA TRANSFORMER |  |
| WATT HANGAR | P31766 | WATT HANGAR | TRANSFORMER RECTIFIER |  |
| WATT HANGAR | P31868 | WATT HANGAR | DYNAMOMETER DPY6 CV8 |  |
| WATT HANGAR | P31935 | WATT HANGAR | HYDRA+B1025ULIC CRANE |  |
| WATT HANGAR | P31985 | WATT HANGAR | INJECTOR MICROSCOPE |  |
| WATT HANGAR | P32234 NP | WATT HANGAR OUTSIDE SPEY | FUEL TANK |  |
| WATT HANGAR | P32235 NP | WATT HANGAR OUTSIDE ICE | FUEL TANK |  |
| WATT HANGAR | P32236 | WATT HANGAR OUTSIDE | FUEL TANK |  |
| WATT HANGAR | P32350 | WATT HANGAR | ULTRASONIC CLEANER |  |
| WATT HANGAR | P32838 | WATT HANGAR | CENTRE LATHE 6 1/2" |  |
| WATT HANGAR | P33596 | WATT HANGAR | AVCAT TRANSFER PUMP STARTER |  |
| WATT HANGAR | P33597 NP | WATT HANGAR | LP AIR COMPRESSOR STARTER |  |
| WATT HANGAR | P33598 NP | WATT HANGAR | MAIN LUB OIL PUMP STARTER |  |
| WATT HANGAR | P33600 | WATT HANGAR | LP SEA WATER PUMP STARTER | For HPSW Boost Pump |
| WATT HANGAR | P33895 NP | WATT HANGAR | FLOOR CLEANER |  |
| WATT HANGAR | P34600 | EBERS | INJECTOR TESTER |  |
| WATT HANGAR | P34601 | EBERS | POIP TESTER-3 |  |
| WATT HANGAR | P34602 | EBERS | INJECTOR TESTER |  |
| WATT HANGAR | P34603 | EBERS | NIPPLE FORMER |  |
| WATT HANGAR | P34604 | EBERS | INJECTOR TESTER |  |
| WATT HANGAR | P34605 | EBERS | NOZZLE MULTICLEAN |  |
| WATT HANGAR | P34606 | EBERS | FLOWLINE |  |
| WATT HANGAR | P34607 | EBERS | HYDRACLAMP |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| WATT HANGAR | P34608 | EBERS | INJECTOR TESTER |  |
| WATT HANGAR | P34609 NP | EBERS | INJECTOR TESTER |  |
| WATT HANGAR | P34610 NP | EBERS | INJECTOR TESTER |  |
| WATT HANGAR | P34611 | EBERS | INJECTOR TESTER |  |
| WATT HANGAR | P34612 | EBERS | INJECTOR TESTER |  |
| WATT HANGAR | P34613 | EBERS | INJECTOR TESTER |  |
| WATT HANGAR | P34614 | CELL1 | GENERATOR SSK VALENTA AIR COOLER |  |
| WATT HANGAR | P34615 | EBERS | SPRING COMPRESSOR |  |
| WATT HANGAR | P34616 NP | EBERS | FUEL PUMP TEST RIG |  |
| WATT HANGAR | P34617 | EBERS | PUMP PHASING RIG |  |
| WATT HANGAR | P34618 | EBERS | HIGH PRESSURE TEST PUMP |  |
| WATT HANGAR | P34620 NP | SE1 | FUEL TANK |  |
| WATT HANGAR | P34628 | OUT BOARD MOTOR | TEST TANK 1 |  |
| WATT HANGAR | P34629 | OUT BOARD MOTOR | TEST TANK 2 |  |
| WATT HANGAR | P34630 NP | OUT BOARD MOTOR | TEST TANK 3 |  |
| WATT HANGAR | P34632 | OUT BOARD MOTOR | MAINTENANCE TROLLEY |  |
| WATT HANGAR | P34633 | OUT BOARD MOTOR | MAINTENANCE TROLLEY |  |
| WATT HANGAR | P34634 | OUT BOARD MOTOR | MAINTENANCE TROLLEY |  |
| WATT HANGAR | P34635 | OUT BOARD MOTOR | MAINTENANCE TROLLEY |  |
| WATT HANGAR | P34636 | OUT BOARD MOTOR | MAINTENANCE TROLLEY |  |
| WATT HANGAR | P34637 | OUT BOARD MOTOR | MAINTENANCE TROLLEY |  |
| WATT HANGAR | P34656 | DSL | TRASF RECT FOR VENTURA 3 |  |
| WATT HANGAR | P34657 | DSL | TRASF RECT FOR VENTURA 3 |  |
| WATT HANGAR | P34666 | CELL1 | GENERATOR SSK VALENTA |  |
| WATT HANGAR | P34667 | CELL1 | BREAKER UNIT SSK VALENTA |  |
| WATT HANGAR | P34668 | CELL1 | LOAD BANK CIRCUIT BREAKER |  |
| WATT HANGAR | P34670 | DSL | TRANSFORMER 115V |  |
| WATT HANGAR | P34671 | DSL | TRANSFORMER 24V |  |
| WATT HANGAR | P34672 | CELL 4 | CONTROL PANEL (6RPA) |  |
| WATT HANGAR | P34673 | CELL 4 | DIESO TANK (6RPA) No3 |  |
| WATT HANGAR | P34674 | CELL 4 DSL (6RPA) | COOLANT TANK (6RPA) |  |
| WATT HANGAR | P34675 | CELL 4 DSL (6RPA) | LO PRIME PUMP (6RPA) |  |
| WATT HANGAR | P34682 NP | DSL (ROLLS ROYCE) | DIESO RU TANK |  |
| WATT HANGAR | P34683 | CELL1 DSL (SSK VALENTA) | W.K PANEL SSK VALENTA |  |
| WATT HANGAR | P34684 | DSL (FD12) | AVR (FD12) |  |
| WATT HANGAR | P34686 | CELL 2 DSL (FD12/SSK VALENTA) | DIESO TANK | TANK 7 |
| WATT HANGAR | P34687 NP | CELL1 ROOF DSL (FD12/SSK VALENTA) | COOLANT TANK |  |
| WATT HANGAR | P35962 NP | Cent Platform | FUEL TRANSFER PUMP |  |
| WATT HANGAR | P36004 | FW Platform | DISTILLING PLANT BRABY | BRAVAC 2800 - Asset No SU5392 |
| WATT HANGAR | P36157 | WATT HANGAR | JIB CRANE |  |
| WATT HANGAR | P36158 | WATT HANGAR | JIB CRANE |  |
| WATT HANGAR | P36159 | WATT HANGAR | JIB CRANE |  |
| WATT HANGAR | P36223 | WATT HANGAR | LOAD BANK |  |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| WATT HANGAR | P36265 | WATT HANGAR | T42/MESM COMPENSATED TANK SIMULATOR |  |
| WATT HANGAR | P36343 | Battery Shop | AUTOMATIC BATTERY CHARGER |  |
| WATT HANGAR | P36344 | EBERS | PHASING & CALIBRATING MACHINE (HARTRIDGE 3000) |  |
| WATT HANGAR | P36346 | EBERS | PHASING & CALIBRATING MACHINE (HARTRIDGE 3000) |  |
| WATT HANGAR | P36347 | Cent Platform | FUEL BOOSTER PUMP 1 |  |
| WATT HANGAR | P36348 | Cent Platform | FUEL BOOSTER PUMP 2 |  |
| WATT HANGAR | P36349 | Cent Platform | FUEL BOOSTER PUMP 3 |  |
| WATT HANGAR | P36350 | Cent Platform | FUEL BOOSTER PUMP 4 |  |
| WATT HANGAR | P36358 | FW Platform | FRESH WATER PUMP TYPE 23 No 3 |  |
| WATT HANGAR | P36358 | FW Platform | FRESH WATER PUMP TYPE 23 No 3 Starter |  |
| WATT HANGAR | P36359 | FW Platform | FRESH WATER PUMP TYPE 23 No 4 |  |
| WATT HANGAR | P36359 | FW Platform | FRESH WATER PUMP TYPE 23 No 4 Starter |  |
| WATT HANGAR | P36360 | FW Platform | FRESH WATER PUMP TYPE 23 No 5 |  |
| WATT HANGAR | P36360 | FW Platform | FRESH WATER PUMP TYPE 23 No 5 Starter |  |
| WATT HANGAR | P36361 | FW Platform | FRESH WATER PUMP TYPE 23 No 6 |  |
| WATT HANGAR | P36361 | FW Platform | FRESH WATER PUMP TYPE 23 No 6 Starter |  |
| WATT HANGAR | P36362 | FW Platform | FRESH WATER PUMP TYPE 23 No 7 |  |
| WATT HANGAR | P36362 | FW Platform | FRESH WATER PUMP TYPE 23 No 7 Starter |  |
| WATT HANGAR | SU4116 | Air Platform | HAMWORTHY CENT WATER Pp 6x6 |  |
| WATT HANGAR | SU4134 | Cent Platform | HAMWORTHY LUB OIL PUMP |  |
| WATT HANGAR | TE119 | Cent Platform | MBR |  |
| WATT HANGAR | TE139 |  | MEGGAR ELECTRICAL LOOP TESTER LTW425 |  |
| WATT HANGAR |  |  | SEAL JACK, WARTSILA A00432/26 (PN16216) |  |
| WATT HANGAR |  |  | Ardleigh Diesel Engine Governor | Europa 400 Governor for Paxman Ventura engines. |
| WATT HANGAR |  | CELL2 | Diesel Engine | Ventura, 12YJAZ (SSN) |
| WATT HANGAR |  | CELL2 | SSN ENGINE DYNAMOMETER (690009-1) | MMSCOORD |
| WATT HANGAR |  | CELL1 | DIESEL ENGINE PAXMAN (780007/2) | VALENTA 16RPA (SSK) |
| WATT HANGAR |  |  | Diesel Engine - Valenta | Valenta 6RP200M |
| WATT HANGAR |  | CELL 2 | Diesel Generator Set | MTU Diesel Generator Set |
| WATT HANGAR |  |  | Fuel Injector Test Bench | H3000 Series |
| WATT HANGAR |  | Air Platform | Air Drier Station | Dominic Hunter High Pressure Air Drier Station Seriel No D035 - Asset No SU5910 |
| WATT HANGAR |  | FW Platform | Air Dryer Low Pressure (LP) | Dominic Hunter Serial No 0001/36903 |
| WATT HANGAR |  | Cent Platform | Auto Steering Unit | VCS Type 213 (Auto Steering) Unit |
| WATT HANGAR |  | HPACs | Auxiliary Boiler | New Electric boiler for Braby |
| WATT HANGAR |  | Cent Platform | T23 Centrifuge Lubricating Oil Purifier | Alfa Laval NWHPX-405 - Asset No SU4135 |
| WATT HANGAR |  | Cent Platform | Centrifuge Lubricating Oil Purifier 204 No1 | Alfa Laval AMAPX 204 |
| WATT HANGAR |  | Cent Platform | T22 Centrifuge Fuel Oil Purifier | Alfa Laval MAPX-210 - Asset No SU4730 |
| WATT HANGAR |  | Cent Platform | T23 Centrifuge Fuel Oil Purifier | Alfa Laval NWAPX-410 - Asset No SU4731 |
| WATT HANGAR |  | HPACs | Hand Steering Unit | VCS Type 411 (Hand Steering) Unit |
| WATT HANGAR |  | HPACs | Reavell HPAC 5436 | 5436N (Belt Drive) HPAC - Asset No SU4126 |
| WATT HANGAR |  | W7 | Motor Vibration Training Demonstration Equipment | IRD Motor Demonstrator I61 |
| WATT HANGAR |  | FW Platform | Salinometer Panel | 5 Point Control Panel |
| WATT HANGAR |  | HPACs | Steering Gear Training Rig Vosper Thornicroft | Hydraulic Steering Gear Rig - Asset No SU4123 |
| **Building** | **Serial No.** | **Room** | **Equipment** | **Details/Comments** |
| WATT HANGAR |  | HPACs | Steering Set Course Unit | VCS Type 412 (Set Course) Unit |
| WATT HANGAR |  | Air Platform | Air Drier | Bentley Hunt HP Drier |
| WATT HANGAR |  | HPACs | HP Air Panel | HP Air Panel |
| WATT HANGAR |  | Cent Platform | Hydro Test Rig | Hydro Test Rig |
| WATT HANGAR |  | Cent Platform | Centrifuge Lubricating Oil Purifier 204 No2 | Alfa Laval AMAPX 204 |
| WATT HANGAR |  | Cent Platform | LO PUMP Air driven |  |
| WATT HANGAR |  | Cent Platform | LO PUMP Motor driven |  |
| WATT HANGAR |  | Cent Platform | LO HEATER |  |
| WATT HANGAR |  | Cent Platform | FILTERS |  |
| WATT HANGAR |  | Air Platform | Worthington Simpon Motor and Pump |  |
| WATT HANGAR |  | HPACs | Compare Reavell HPAC 5417 | Disconnected to become dead training aid. |
| WATT HANGAR |  | FW Platform | Portable Desalination Plant |  |
| WATT HANGAR |  | FW Platform | HPSW Boost Pump | Part of HPSW ring main |
| WATT HANGAR |  | Air Platform | Submarine Air Training Bay |  |
| WATT HANGAR |  | WATT HANGAR | INJECTOR MICROSCOPE |  |
| WATT HANGAR | FM744 | OUTSIDE PUMP AREA | FAN, No2 INVERTER VARIABLE SPEED |  |
| WATT HANGAR | P28204 | WORKSHOP | DRILL, PILLAR (QS QDM32) SN2062 |  |
| WATT HANGAR | P35485 | WORKSHOP | DRILL, PILLAR (AJAX) SN67393 |  |
| WATT HANGAR | SN 5 | OBM SHOP | TEST TANK No5 |  |
| WATT HANGAR | SN 6 | OBM SHOP | TEST TANK No 6 |  |
| WATT HANGAR | SN 301 | OBM SHOP | TRAILER, BOAT |  |
| WATT HANGAR | NP |  | FREQUENCY CONVERTER 750 KW PILLAR No1 |  |
| WATT HANGAR | NP |  | FREQUENCY CONVERTER 750 KW PILLAR No2 |  |
| WATT HANGAR | OBM LEV 1 | OBM SHOP | LEV SYSTEM |  |
| WATT HANGAR | P03227 |  | LUB OIL PRIME PUMP |  |
| WATT HANGAR | PW20-004176 | OBM SHOP | SOLVENT WASH TANK |  |
| WATT HANGAR | TE023 | OBM SHOP | STANLEY AIR DRIVEN HAND DRILL |  |

**Annex C to**

**Table 3 - Work Order Form (ESS7)**

