

FRAMEWORK AGREEMENT

27.10.2026 No 2-2/982

Estonian Centre for Defence Investments (registry code 70009764, address Järve 34a, 11314 Tallinn, Estonia) and **Estonian Defence Forces** (registry code 70008641, address Juhkentali 58, 15007, Tallinn, Estonia), represented by Elmar Vaher Director General pursuant to statute (hereinafter the **buyer**),

and

PW Defence LTD (registry code 00464142, address Wilne Mill, Wilne Rd, Draycott, Derby DE72 3QJ, United Kingdom), represented by Amit Singh Defence Sales Director pursuant to the articles of association (hereinafter the **seller**),

separately party and jointly parties,

has concluded the following framework agreement (hereinafter the **agreement**):

1. Basis and object of concluding the agreement

- 1.1. The agreement has been concluded based on the procurement documents of the public procurement "**Käsigranaadid**" ("Hand grenades") (reference number 301729) (hereinafter the public procurement) and the tender submitted by the seller in this public procurement.
- 1.2. Under the agreement, the items are procured through both mandatory and voluntary centralised public procurement, which means that the agreement concluded by the Estonian Centre for Defence Investments as a central purchasing body can also be used by other contracting authorities who are using the centralised public procurement service of the Estonian Centre for Defence Investments in accordance with § 30 clause 2 of the Public Procurement Act.
- 1.3. The buyer has entered into the agreement with the seller based on the seller's tender, the seller's statements and confirmations in the agreement, and assuming in good faith the seller's professionalism and ability to fulfill the agreement properly. If subcontractors are used, the seller remains responsible to the buyer for the proper performance of the agreement.
- 1.4. The seller declares and confirms that:
 - 1.4.1. They and their representative have all the rights and authorizations to enter into the agreement;
 - 1.4.2. They have read the agreement and the procurement documents and fully understands the nature and consequences of the obligations taken, and agree to the conditions;
 - 1.4.3. The performance of the agreement does not harm the rights of third parties and there are no circumstances that would exclude their right to conclude the agreement and perform it properly;
 - 1.4.4. They have all the valid permits, registrations, representation rights and certificates required for the performance of the agreement and upon their expiration during the validity period of the agreement, undertakes to extend/renew them. If renewal of the permits, registrations, representation rights and certificates is not possible due to circumstances not depending on the seller, they shall immediately notify the buyer thereof;
 - 1.4.5. In relation to the goods transferred to the buyer or the service provided, third parties do not have any claims or other rights that third parties have the right to enforce in relation to the goods or services;

- 1.4.6. The goods are not the subject of an international sanction and do not originate in a sanctioned territory within the meaning of the International Sanctions Act.
- 1.5. The subject of the agreement is the **purchase of combat hand grenades, training hand grenades, and other grenades, as well as various fuzes** (hereinafter the **goods**) **together with training/instruction and life-cycle support** (hereinafter the **service**).
- 1.6. Under the agreement and the conditions set out therein the seller undertakes to sell goods and provide services to the buyer, and the buyer undertakes to accept the goods and pay the seller the purchase price of the goods/services in money. If the goods are purchased together with a service, the terms of the service contract as stipulated in the Law of Obligations Act shall apply to the service to the extent that they are not regulated in the agreement, the conditions of the agreement are inconsistent or incompatible with the nature of the service.
- 1.7. The conditions of service provision, type of goods, name, specification, quantity, cost, delivery places, delivery times, buyer's contact person are stipulated in the procurement contracts, if possible. If all the necessary conditions are not known at that moment, the necessary information will be sent by e-mail during the execution of the procurement contract.
- 1.8. The goods and services must correspond primarily to the procurement and then to the tender submitted by the seller. The delivered goods and services shall meet the terms of the agreement, including quality, type, description and quantity. The documents and packaging accompanying the goods and services shall also meet the terms of the agreement.
- 1.9. The hierarchy of documents is as follows: the technical specifications of the public procurement with the specifications provided in the reopening of competition or the invitation to tender, the agreement with the specifications provided in the procurement contract, and then the tender submitted by the seller. The standard conditions governing the sale of the seller's goods or the provision of services can be applied only to the extent that does not conflict with the conditions set forth in this agreement.

2. Parts of the agreement

Integral parts of the agreement are the procurement documents, the seller's public procurement tender and its annexes, explanations given during the public procurement procedure, letters of confirmation, invitation to tender and tenders submitted on the basis of the agreement, procurement contracts concluded on the basis of the agreement, notifications sent between the parties and all amendments to the agreement and procurement contract to be concluded. If a procurement contract has not been concluded, orders, order letters, purchase orders or anything else with which a financial obligation is made are also considered as procurement contracts.

3. Conclusion of procurement contracts

- 3.1. Procurement contracts are awarded under the agreement on the basis of the buyer's needs either for a one-time order (hereinafter the **one-time purchase**) and/or for a fixed period (hereinafter the **duration contract**), during which orders are made. The agreement without a procurement contract does not oblige the buyer to purchase goods or order services from the seller.
- 3.1.1. A procurement contract for a one-time purchase is concluded between the partners of the agreement as a result of a reopening of competition, which is not purchased under a duration contract. If the expected cost of a one-time purchase is more than 10 000 euros without VAT and the buyer has concluded agreements with several tenderers in the public procurement, the buyer is obliged to organize a reopening of competition between all partners of the agreement. If the expected cost of the one-time purchase is less than the above-mentioned cost, the buyer may organize a reopening of competition or purchase goods or order services from the seller whose tender is the most economically advantageous of the fixed cost (if fixed) at the time of placing the one-time purchase.

- 3.1.2. The duration contract is concluded between the partners of the agreement as a result of a reopening of competition for the purchase of goods or the ordering of a service within a certain period (the length of the period is specified in the terms of the reopening of competition) on the basis of the list and descriptions of the goods or services specified in the public procurement and described in the technical specifications or specified in the reopening of competition. Under a duration contract, the buyer has the right to order the goods or services specified in the technical specifications from the successful tenderer during the duration contract period. The duration contract is performed on the basis of purchase orders submitted by the buyer, in which, if necessary, e.g. quantity, time and place of delivery or time and place of service provision, contact person, etc. are specified.
 - 3.2. A reopening of competition is generally organized in the Public Procurement Register for a one-time purchase and/or for the conclusion of a duration contract based on the following procedure:
 - 3.2.1. The buyer sets a reasonable deadline for submitting tenders, taking into account the complexity of the subject of the procurement contract and the time required for submitting tenders.
 - 3.2.2. The buyer shall specify in the reopening of competition the conditions of that reopening of competition, the list and specifications of the goods or services to be ordered, the time-limits for the delivery/transport of the goods or the provision of the service and any other information necessary for the preparation of the tender. In the proposal for a tender, the buyer shall specify whether it intends to make a one-time purchase or to conclude a duration contract.
 - 3.2.3. The tender submitted by the seller shall be valid for at least 120 calendar days from the deadline for submitting the tender, unless otherwise stated in the invitation to tender.
 - 3.2.4. The buyer has no obligation to purchase all the goods listed in the technical specifications of the reopening of competition or to order services after receiving the tenders submitted in the reopening of competition if the buyer's capabilities and needs have changed by the time of procurement contract conclusion.
 - 3.2.5. In the event that the service requires follow-up or additional activities that the buyer was unable to foresee in the reopening of competition, the buyer continues with the seller who initially provided the service without organizing a new reopening of competition.
 - 3.2.6. The buyer evaluates and compares the tenders according to the percentages of the tender evaluation criteria specified in the conditions of the reopening of competition and recognizes as successful the tender that is the most economically advantageous of the tenders recognized as compliant based on the evaluation criteria of the tenders.
 - 3.2.7. In order to determine the most economically advantageous tender in a reopening of competition, the following tender evaluation criterias and proportions shall be used by the buyer:
 1. Price - 60-90%;
 2. Delivery time - 10-40%.
 - 3.2.7.1. In the case of duration contracts, the buyer uses, depending on the complexity of the procurement object, either all the evaluation criteria with the specified percentages or only the price with a 100% percentage.
 - 3.2.7.2. The version and proportions of the evaluation criterias are determined by the buyer each time under the conditions of the reopening of competition.
 - 3.2.8. The buyer has the right, in reopening of the competition, to ask for product samples and test them, including involving third parties in the testing if necessary. Product

samples may be requested for (visual) evaluation or (technical) compliance assessment.

- 3.2.9. The buyer informs all contractual partners about the results of the reopening of competition, including those who did not submit a price offer at the reopening of competition, and purchases the goods or orders the service from the tenderer who submitted the tender that was recognized as successful.
- 3.2.10. In the event that the tenderer who submitted a successful tender at the reopening of competition withdraws the tender before concluding the procurement contract or does not begin to fulfill the procurement contract on time, the buyer has the right to approach the seller(s) whose price tender was next in the ranking as the most economically successful and conclude the procurement contract without conducting a new reopening of competition and demand from the tenderer who submitted the successful tender (in the ranking from the first) to pay the price difference compared to the cost of the next successful tender and any additional costs in accordance with § 119 of the Public Procurement Act.
- 3.2.11. In the event that more than one tender should be successful in the reopening of competition due to the submission of equal tenders, a raffle will be used to determine the successful tender. The buyer communicates the raffle procedure to the sellers before the raffle.
- 3.2.12. The buyer may reject all tenders submitted in the reopening of competition if at least one or more of the following circumstances occur:

- 3.2.12.1. tenders are unreasonably expensive for the buyer;

- 3.2.12.2. during the reopening of competition, the buyer has become aware of information that excludes or makes it impractical for the buyer to complete the reopening of competition under the conditions stated in the procurement documents of the reopening of competition, or the conclusion of the procurement contract on the predetermined conditions determined during the reopening of competition would not meet the buyer's previous needs or expectations due to changed circumstances;

- 3.2.12.3. the subject of the procurement contract is no longer required, which does not depend on the buyer, or for reasons which are due to or arise from changes in legislation, administrative acts and actions of higher authorities or other similar arrangements;

- 3.2.13. The buyer rejects the tender submitted to the reopening of competition, on the basis of which the procurement contract concluded would be null and void on the basis of § 7 clause 1 of the International Sanctions Act.

- 3.3. By submitting a tender in the reopening of competition, the seller confirms acceptance of all the conditions set out in the proposal for the submission of a tender. The submission of a conditional tender in a reopening of competition is not allowed, and the buyer rejects a conditional or non-compliant tender (§ 114 clauses 1 and 2 of the Public Procurement Act).

- 3.4. If, as a result of public procurement, agreement is concluded with only one partner, or if the number of agreement partners is reduced to one, the buyer may reject the submitted tenders on the above grounds.

- 3.5. If, as a result of the public procurement, less than two partners of the agreement are reached, or during the period of validity of the agreement, the number of partners of the agreement decreases to one, the purchase of goods and the ordering of services are carried out based on the following procedure:

- 3.5.1. The buyer shall submit to the seller a proposal for the submission of a tender.

- 3.5.2. The seller submits the tender together with the cost of the goods or services no later than 5 days after receiving the invitation to tender from the buyer. If the seller is unable to meet this deadline, he will notify the buyer immediately.

- 3.5.3. The buyer agrees to the tender by signing the procurement contract or refuses the tender within 14 days at the latest. The buyer is not obliged to conclude a

procurement contract based on the submitted tender. If the buyer does not respond to the tender within the required days, it is considered a rejection.

- 3.6. The procurement contracts shall be concluded at least in a form that can be reproduced in writing. If the value of the procurement contract without VAT is 50 000 euros or more, the parties conclude the procurement contract as a document signed by both parties.
- 3.7. The buyer may order goods or services with an estimated cost of up to 5 000 euros without VAT from a freely chosen tenderer who is a party to the agreement, provided that the total cost of these purchases does not exceed 20% of the estimated cost of the entire agreement. The basis of § 30 section 8 of the Public Procurement Act is primarily used for quick and small-scale purchases (e.g. the need to urgently purchase individual goods). In addition, the buyer uses the mentioned basis if the partner of the duration contract informs during the period of the duration contract that he is unable to fulfill the contract at least partially. The buyer makes a choice between the partners of the agreement in a sequence based on buyers own needs, which takes into account speed (how quickly the desired goods can be obtained), the availability of the necessary goods (whether it is immediately available in the assortment), as well as whether individual quantities are purchased in addition to the previously purchased goods. The details of the delivery shall be agreed in the procurement contract.
- 3.8. The buyer has the right to order from the seller also other goods or services that meet the requirements of the technical specifications (goods and services, the purpose of which is the same). Ordering of the named goods or services is carried out during reopening of competition between the partners of the agreement or by submitting proposals for the submission of tenders if there is one seller, in which the buyer provides the sellers with exact technical specifications and the conditions for pricing the goods or services.

4. Rights and obligations of the buyer

- 4.1. The buyer shall have the right to continuously check the fulfillment of obligations arising from the agreement and the documents related to the purchase of goods or the ordering of services, and to request information about the fulfillment of the agreement at any time.
- 4.2. The buyer shall have the right to verify the accuracy and correspondence of the invoices, calculations and other costs presented by the seller. If necessary, the buyer has the right to demand invoices from subcontractors.
- 4.3. The buyer has the right to consult with the seller on questions related to the goods or services, for example, questions related to the delivery and use of the goods or the provision of services.
- 4.4. The buyer has the right to demand the immediate elimination of defects in the goods or services.
- 4.5. The buyer has the right to demand compensation for damages caused by the fault of the seller.
- 4.6. The buyer reserves the right to purchase goods and/or order services in addition to the agreement if: no seller submits a tender; the tenders submitted by the sellers do not meet the requirements; no seller is able to perform the procurement contract or has withdrawn from the agreement or procurement contract; the price of the tendered goods and/or services is unreasonably high compared to the average market price and economically unreasonable for the buyer.
- 4.7. The buyer undertakes to pay the seller in accordance with the agreement for the goods delivered or the service provided under the conditions stipulated in the agreement.
- 4.8. The buyer undertakes to respond within a reasonable time to all requests submitted by the seller for clarification of instructions.
- 4.9. The buyer undertakes to inform the seller as soon as possible about problems related to the execution of the procurement contract.

5. Rights and obligations of the seller

- 5.1. The seller undertakes to provide the buyer, upon request, with a summary statement of the goods purchased from the seller or the service ordered, for the specified period (including

- the date of the conclusion of the procurement contract or purchase order, name of the goods, quantity and cost without VAT, the total cost of procurement contracts/purchase orders without VAT, etc.) in MS Excel or in another format as agreed with the buyer within 10 days from receiving the corresponding claim, unless the parties have agreed otherwise.
- 5.2. The seller undertakes to provide information (volume and purpose) about the subcontractors at the request of the buyer. In the event that the seller has provided relevant information before concluding the agreement, the seller must coordinate with the buyer in advance the change of previously mentioned persons.
 - 5.3. The seller undertakes to immediately inform the buyer of the circumstances preventing the performance of the agreement.
 - 5.4. The seller undertakes to immediately inform the buyer about a cyber attack and a cyber incident related to the buyer directed against the seller, and to submit a cyber incident report to the buyer at the request of the buyer.
 - 5.5. The seller undertakes to comply with the terms of fair trade when fulfilling the agreement, to be based on environmentally sustainable principles, and not to use slave and child labor.
 - 5.6. The seller undertakes to inform the buyer immediately if he cannot deliver the goods or provide the service by the agreed deadline.
 - 5.7. The seller undertakes to deliver the goods and/or provide the service on time and in a duly agreed upon volume and frequency in accordance with the conditions stipulated in the agreement and during the order submission, the requirements, norms and standards applied in best practice.
 - 5.8. The seller has the right to receive the agreed payment for the goods delivered or the service provided under the conditions stipulated in the agreement.
 - 5.9. The seller has the right to receive instructions, explanations or other information from the buyer that affects the execution of the agreement.
 - 5.10. The seller has the right to make suggestions regarding the better organization of activities related to the delivery of goods or the provision of services.

6. Pre-delivery quality inspection of the goods

- 6.1. Pre-delivery quality inspection of goods is decided by the buyer based on need.
- 6.2. Pre-delivery quality inspection of the goods is carried out at the manufacturer's plant or at the location of the seller or at a location agreed upon by the parties.
- 6.3. The following conditions apply to the pre-delivery quality inspection of goods:
 - 6.3.1. The seller shall notify the buyer by email prior to each delivery of its readiness to carry out a pre-delivery quality inspection by sending a notice at least 30 calendar days before the delivery date. Together with the notice, the seller shall indicate the technical possibilities to perform the control procedures.
 - 6.3.2. The buyer shall inform the seller by email, within 10 days as of the receipt of the seller's notice of its availability for a pre-delivery quality inspection. The buyer is not obliged to carry out a pre-delivery quality inspection. The parties have agreed that if the buyer fails to notify the seller within 10 days as of the receipt of the notice, no pre-delivery quality inspection shall take place.
 - 6.3.3. If the buyer wishes to carry out a pre-delivery quality inspection, the buyer shall be entitled to give the seller his input as to the procedures the buyer wishes to carry out, and the parties shall record the procedures to be carried out and the time at which these are to be carried out in a format that can be reproduced in writing.
 - 6.3.4. The buyer shall have the right to involve third parties in the pre-delivery quality inspection to ensure that the goods comply with the requirements specified by the buyer in the reopening of competition.
 - 6.3.5. The pre-delivery quality inspection does not extend the delivery time agreed in the procurement contract, unless the pre-delivery quality inspection was not successful.
 - 6.3.6. If a pre-delivery quality inspection is not passed, the buyer shall give the seller immediate notice thereof, and the parties shall negotiate their next steps to ensure timely delivery, if possible.

6.3.7. If a pre-delivery quality inspection is not passed on the second attempt, the buyer shall have the right to withdraw from the procurement contract with a unilateral decision, without granting any additional term for achieving compliance with the procurement contract, and may demand a contractual penalty of 10% of the value of the procurement contract from the seller.

6.4. The seller shall bear the costs of the pre-delivery quality inspection. The buyer shall bear its own accommodation and travel costs per pre-delivery quality inspection before each delivery. If the pre-delivery quality inspection fails the first time, the seller shall pay the costs of each subsequent pre-delivery quality inspection and the travel and accommodation costs of the buyer's participation in the pre-delivery quality inspection for up to four persons for up to five days.

7. Packaging and marking of goods

- 7.1. The seller shall provide the goods with packaging, which ensures the unchanged condition of the goods during transport and storage.
- 7.2. The packaging and marking of the goods shall comply with the requirements provided by the buyer.

8. Delivery and receipt of goods and services

- 8.1. To the delivery and receipt of the goods Incoterms® DAP delivery terms apply, unless otherwise agreed in the procurement contract.
- 8.2. Places of delivery and more detailed delivery conditions are specified in procurement contracts. The seller has the right to use a third-party warehouse for the delivery of the goods, where the conditions set by the third party may apply, which are presented in the procurement documents of the reopening of competition or in the invitation to tender.
- 8.3. In the event that the goods are subject to the export control obligation of the seller's country of residence, the seller shall provide the buyer with an up-to-date form of the end-user certificate and secure the necessary export license.
- 8.4. The actual delivery shall usually take place in working days from Monday to Thursday 08:30-15:00, except for national and public holidays and the working days preceding them and the last three working days of each month, unless otherwise agreed in the procurement contract.
- 8.5. The seller sends the delivery notice to the buyer for the delivery of the goods at least 10 working days before the planned delivery to the e-mail address specified in the procurement contract (a copy should be sent to the e-mail address ostud@rkik.ee), unless otherwise agreed in the procurement contract. In the delivery notice, state:
 - 8.5.1. The name of the goods;
 - 8.5.2. Procurement contract and/or purchase order number;
 - 8.5.3. Public procurement reference number;
 - 8.5.4. Quantity to be delivered, including the number of pallets, containers, etc.;
 - 8.5.5. Dimensions of the logistic unit;
 - 8.5.6. Way of packaging (film packaging, mesh packaging, on a euro pallet, etc.);
 - 8.5.7. The type of transport used to deliver the shipment (van, truck, etc.) and quantity;
 - 8.5.8. Specific requirements or needs for unloading the shipment;
 - 8.5.9. The planned delivery date and time of the shipment;
 - 8.5.10. The delivery address of the destination.
- 8.6. The seller gives the goods to the buyer, and the buyer accepts the goods under the conditions agreed in the procurement contract. If the seller informs about the delivery less than 10 working days before it takes place, or if all the specified documents are not included with the delivery notification, the buyer has the right not to accept the goods. In this case, all costs incurred shall be borne by the seller until the goods have been correctly delivered.

- 8.7. The seller submits the delivery note together with the delivery notice or at the latest at the moment of handing over the goods or after the provision of the service, unless otherwise agreed in the procurement contract. The delivery note shall state:
- 8.7.1. Seller details;
 - 8.7.2. Buyer details;
 - 8.7.3. The name of the recipient of goods and/or services;
 - 8.7.4. Procurement contract and/or purchase order number;
 - 8.7.5. Public procurement reference number;
 - 8.7.6. Product name, product code and quantity or type of service and time of provision.
- 8.8. In addition to the delivery note, the seller undertakes to hand over to the buyer all the documents necessary for receiving, possessing, using and disposing of the goods.
- 8.9. The buyer has the right to check the compliance of the quality of goods or services with the terms of the agreement and procurement contract within two weeks. In this case, the buyer will draw up a quality control act, if necessary, which he will forward to the seller.
- 8.10. The buyer shall draw up handover-acceptance act regarding the purchase of goods or the provision of services, which shall be signed by both parties and forwarded to the seller, if necessary together with the quality control act. A handover-acceptance act signed by both parties is also considered as a delivery note.
- 8.11. In the absence of a delivery note, the buyer has the right to take possession of the corresponding goods, but handover-acceptance is deemed to have taken place upon receipt of a correct delivery note. The buyer has the right to refuse to sign the handover-acceptance act if the goods have visually visible defects.
- 8.12. In the event that a party encounters unforeseen circumstances during the export and/or import of goods (e.g. delay due to inactivity of authorities, lack of necessary documentation, etc.), the party shall be obliged to inform the other party of such circumstances at the earliest opportunity.
- 8.13. The seller shall bear the costs arising from the delivery of the goods and the transport until the delivery of the goods. The costs and expenses related to the goods will also be borne by the seller until the goods are handed over, except for costs caused by circumstances arising from the buyer.
- 8.14. The costs arising from the delivery and transport of the goods until the delivery of the goods, which also include all security requirements related to the transport to the buyer's destination, are borne by the seller.
- 8.15. In the event that during the performance of the agreement it turns out that it is not possible to receive the goods, the buyer has the right to exchange the goods for equivalent or better goods with the consent of the buyer. The seller proves the equivalence of the goods.
- 8.16. The seller forms a handover-acceptance act regarding the provision of the service, which is signed by both parties. The buyer has the right to refuse to sign the handover-acceptance act if the provided service does not meet the conditions stipulated in the agreement. In the event of refusal to accept the service, the parties contact persons of the procurement contract shall draw up a relevant act in written form, and the seller is obliged to eliminate the deficiencies stated in the act by the deadline agreed by the buyer's and seller's contact persons, which may not be longer than 14 calendar days, unless the parties have agreed otherwise.

9. Agreement value and payment terms

- 9.1. The estimated maximum total value of the agreement in the public procurement is 40 000 000 euros, plus VAT in the cases provided for by law.
- 9.2. In the case of one-time purchases, the prices are formed on the basis of reopening of competition organized by the buyer or proposals for submitting a tender. The prices offered for the conclusion of a duration contract are fixed for the duration of the duration contract, the maximum annual price increase during the duration of the duration contract shall not exceed 3% per year from the date of submission of the tender for the reopening of competition.

- 9.3. The unit prices of the service include all costs necessary to fulfill the agreement, including the activities listed in the technical specifications. The service is paid for according to the ordered and actually provided service, based on the handover-acceptance act signed by both parties.
- 9.4. One e-invoice is submitted for one delivery or service provided, unless otherwise agreed.
- 9.5. The seller issues the invoice as an e-invoice (in machine-readable XML format). If a seller, registered outside the Republic of Estonia, is not able to issue an e-invoice for technical reasons, it shall issue the invoice in PDF format to the buyer's contact person's email address specified in the agreement, unless otherwise agreed in the procurement contract.
- 9.6. The seller issues an invoice containing the following information:
- 9.6.1. Details of the payer (payer of the invoice):
Estonian Centre for Defence Investments (registry code 70009764, address Järve 34a, 11314 Tallinn);
Estonian Defence Forces (registry code 70008641, address Juhkentali 58, 15007 Tallinn, Estonia).
- 9.6.2. Other information to be included in the invoice:
Name of the contact person (to be specified in the procurement contract);
Agreement number;
Procurement contract (purchase order) number;
Public procurement reference number;
Quantity and name of goods/type of service and time of provision;
15-digit reference number of the contract part in the public procurement register (if available), which can be found in the data of the agreement concluded with the seller in the public procurement register.
- 9.6.3. The sellers banking records:
The recipient bank: Santander GPB;
Bank account number of the recipient (IBAN): GB44ABBY09071500108567;
SWIFT: ABBYGB2L.
- 9.7. If necessary and justified, it is possible for the seller to request an advance payment up to 30% of the total cost of the procurement contract. The seller is obliged to justify the request for advance payment, but the final decision is to be made by the buyer. The buyer has the right to refuse to pay the advance payment, including if the seller has been late with the delivery(s) of fulfilling previous contracts.
- 9.8. The buyer shall pay for the goods and/or services received in accordance with the terms of the agreement within 28 days after receiving the invoice in accordance with the terms of the agreement. The invoice submission is based on the quality control act and/or the delivery note and/or the handover-acceptance act signed by the parties. In the event that the invoice is presented after the transfer of ownership from the seller to the buyer, following a Factory Acceptance Test (FAT), the deadline for payment of the invoice may be longer by mutual agreement.
- 9.9. The buyer shall not accept an invoice which does not comply with the terms of the agreement. In such case, the seller will submit a new invoice within seven days. The payment is considered to be finalized when the bank of the buyer accepts the payment order.
- 9.10. Before paying an invoice with a value of 10 000 EUR or more including VAT, the buyer checks the absence of the seller's tax debt via the Tax and Customs Board's website. If a tax debt of at least 10 000 EUR exists, the buyer shall inform the Tax and Customs Board of the amount payable.

10. Force majeure

- 10.1. Breach of contractual obligations is excusable if the party has breached the obligation due to force majeure. The parties consider force majeure to be a circumstance that the breaching party could not influence and, based on the principle of reasonableness, could not be

expected to take this circumstance into account or to avoid it at the time of concluding the agreement, or to overcome the impeding circumstance or its consequence, e.g. natural disasters, general power outages, military operations, blockade. The parties do not consider the inability of the seller's third-party contractor to perform the agreement as force majeure unless the party relying on force majeure provides written evidence by itself and/or the subcontractor of the occurrence of force majeure, including the fact that it has no reasonable ability to replace the subcontractor, and the other party has agreed in writing to the occurrence of force majeure.

- 10.2. If any circumstances corresponding to the force majeure led to a failure to perform the agreement within the period specified in the agreement or any annexes thereto, and their effect is temporary, the behaviour of the party who breached the contractual obligation is only excused for the period during which the force majeure impeded the performance of the obligation.
- 10.3. In the event of force majeure, the time limit for the performance of a contractual obligation shall be postponed in accordance with the duration of the force majeure event, but for no more than 90 days, unless otherwise agreed by the parties. In case of force majeure, the procurement contract will be amended, if necessary, regarding the delivery time.
- 10.4. A party that is not able to perform its obligations due to force majeure shall immediately notify the other party of the occurrence and ending of such a situation. Failure to notify or untimely notification deprives the party of the right to rely on the excused non-performance, i.e., the occurrence of force majeure, and the party that has breached the notification obligation is liable for the breach of a contractual obligation pursuant to as provided in the agreement.
- 10.5. If the effect of force majeure is permanent and does not allow the parties to perform their contractual obligations in full or in part, the parties have the right to cancel or withdraw from the agreement by giving notice of cancellation or withdrawal to the other party.
- 10.6. The parties shall not consider the impact of import restrictions related to the Russian Federation and Belarus on the fulfillment of the obligation to deliver goods or provide services as force majeure if these circumstances occurred at the time of the conclusion of the agreement.

11. Warranty obligation

- 11.1. If the goods and/or services are covered by a warranty, the seller provides a minimum 12-month warranty for all goods and/or services. If necessary, the warranty period and other warranty conditions are specified in each procurement contract.
- 11.2. The warranty shall commence from the day of transfer of the goods with no deficiencies to the buyer or from the signing of the handover-acceptance act by both parties conforming of the performance of services with no deficiencies to the buyer.
- 11.3. If the manufacturer's warranty is in any way more favourable to the buyer (e.g., in terms of warranty period) than the contractual warranty obligation, the seller undertakes to arrange for the realisation of the buyer's warranty claim upon the occurrence of such an event on terms that are more favourable to the buyer, arising from the terms and conditions of the manufacturer's warranty.
- 11.4. The warranty covers all defects in the goods during the warranty period, taking into account natural wear and manufacturer's instructions.
- 11.5. The buyer undertakes to notify the seller of any defects in the goods or in service provision at the seller's email address, unless otherwise agreed in the procurement contract.
- 11.6. The seller undertakes to remove the defects free of charge no later than 90 days as of the receipt of the buyer's respective reasoned warranty claim. A longer period may be established, subject to the written consent of the buyer. In the event of a systemic error (more than 20% of the delivered goods or provided services are defective), the buyer has the right to demand the replacement of all delivered goods or provided services.
- 11.7. The seller shall bear all expenses for replacing the defective goods (including transport).
- 11.8. After elimination of defects during the warranty period, a new warranty of the same duration as the original warranty is given to the goods or services.

12. Confidentiality and security conditions

- 12.1. Confidential information is understood by the parties to include information disclosed in the course of the performance of the agreement, personal data, security data, documents clearly marked for internal use and other information, the disclosure of which could harm the interests of the buyer. Confidential information does not include information, the disclosure of which is required by legislation, provided that such disclosure is effected in the most restrictive manner from among the available options.
- 12.2. Under the confidentiality clause, a party undertakes not to disclose confidential information of the other party during or after the term of the agreement without the other party's written consent. A party shall protect the confidentiality of the information disclosed to it in the course of the performance of the agreement.
- 12.3. The seller shall not use any document or information related to the agreement without the written consent of the buyer, except for in the cases necessary for the performance of the agreement. All documents other than the agreement and its annexes are the property of the buyer and, if the buyer so requires, the seller is obliged to return these documents to it after the end of the agreement.
- 12.4. Disclosure to third parties of any information marked for internal use shall be prohibited.
- 12.5. If the seller needs to enter the territory of the area of government of the Ministry of Defence in order to perform the agreement, the seller undertakes to comply with the applicable security requirements (Annex 1). In the event that the seller uses subcontractors in the said territory, they shall be approved in writing in advance by the buyer and are also subject to all the security requirements set out in the agreement. The seller is responsible for ensuring that the subcontractors comply with the security requirements.
- 12.6. Communication to the public relating to the subject-matter of the agreement or the performance thereof, including press releases, references to the buyer in advertising or online publications, shall only be permitted with the express consent of the buyer in a format that can be reproduced in writing.
- 12.7. The confidentiality requirement is indefinite.

13. Intellectual Property Rights

- 13.1. In case the goods and/or service or their parts (including relevant documentation and service-related documentation) are protected by intellectual property rights, the seller shall grant the buyer a worldwide irrevocable non-exclusive licence within the meaning of the Copyright Act, valid until the expiry of the copyrights. The licence shall be deemed to have been transferred at the moment of transfer of the goods and/or services or their parts (including the relevant documentation), for which no separate fee is paid (the copyright fee is included in the agreement price).
- 13.2. In case the goods or its part (including corresponding documentation) is protected by another intellectual property right, the seller grants the buyer the necessary right to use the goods in every way.
- 13.3. In the cases specified in this clause, the agreement is also considered an author's contract. The terms of transfer and use of intellectual property rights may be agreed differently in the procurement contract.

14. Codification

- 14.1. The seller shall be obliged to provide the codification office with the information necessary for the codification of the goods in accordance with the Annex 2 to the agreement and to provide additional information at the request of the codification office.

15. Liability

- 15.1. The parties bear responsibility towards each other in case of improper fulfillment or non-fulfillment of contractual obligations in accordance with the provisions of the agreement and applicable legislation.

- 15.2. Ownership of the goods and the risk of accidental loss and damage are usually transferred from the seller to the buyer upon the proper handover, unless the parties have agreed otherwise.
- 15.3. In procurement contracts, the transfer of ownership may be agreed otherwise, for example, the transfer of ownership will take place from the seller to the buyer from the moment the goods pass the pre-delivery quality inspection (Factory Acceptance Test (FAT)), for which the buyer prepares the ownership transfer document, which is signed by the parties of the agreement.
- 15.4. The seller is liable for non-conformity (defects) of the goods with the terms of the agreement if the non-conformity exists at the time of the transfer of the risk of accidental destruction and deterioration to the buyer and if the non-conformity of the goods with the terms of the agreement is discovered (i.e., that the defects could not have been discovered during their normal inspection, so-called latent defects) after the transfer of this risk to the buyer.
- 15.5. The seller is liable for non-conformity with the terms of the service contract (defects), if the non-conformity with the terms of the service contract is discovered (i.e., the defects could not have been discovered during their normal inspection, so-called latent defects) after the service provided.
- 15.6. In the event that the seller fulfills the agreement improperly, the buyer has the right to refuse to accept the goods or the provided service and to fulfill the obligation to pay the purchase price, and to submit a demand for the fulfillment of the obligation to the seller in the manner stipulated in the agreement after learning of the breach of the obligation, giving the seller a reasonable term to fulfill the agreement. The seller shall be deemed to have delayed the delivery of the goods or the provision of the service until the proper delivery of the goods or provision of the service to the buyer.
- 15.7. The goods do not correspond to the terms of the agreement, inter alia, when the goods do not possess the agreed upon attributes, the goods are not in the agreed quantity, the goods cannot be used for their agreed purpose, a third party has claims or other claimable rights towards the goods, the goods are not packaged in accordance with the terms of the agreement or there is no delivery note.
- 15.8. The service do not correspond to the terms of the agreement, inter alia, if the service has not been provided in accordance with the expected quality, the service does not have the agreed characteristics, the service has not been provided for the agreed time term, in the agreed volume, with the prescribed frequency, the seller does not provide proper documentation on the provision of the service, fails to provide the buyer with information about the performance of the agreement, etc.
- 15.9. The buyer is obliged to inform the seller at least by e-mail about the non-compliance with the terms of the goods or service contract within 30 days from when the buyer or the buyer's authorized person became aware of the non-compliance with the terms of the goods or service contract. In the notification, the buyer undertakes to demand the fulfillment of the obligation from the seller, also giving the seller a reasonable deadline, which cannot generally be longer than 60 days, for the fulfillment of the agreement.
- 15.10. In the event that the buyer does not notify the seller of a defect in the goods or service within the term specified in the agreement after becoming aware of the defect, the seller is released from responsibility for the defects of the goods or service, except in cases where the failure to notify the defects was reasonably excusable.
- 15.11. In the event that the goods or the provided service do not meet the terms of the agreement, the buyer has the right to demand from the seller the replacement of non-conforming goods with goods that meet the terms of the agreement or the secondary provision of a non-compliant service by a service which complies with the terms of the agreement.
- 15.12. If the goods or services do not meet the agreement conditions and the buyer agrees to accept the goods or services with defects, the buyer has the right to reduce the price of the goods or services by the part corresponding to the defects, by submitting an application to the seller.
- 15.13. In case of non-delivery on time of the goods or non-performance of the service on time, the buyer has the right to demand from the seller a contractual penalty of up to 0.25% of the cost of the goods or services not delivered on time per day for each day of delay in delivery

or service, but not more than 15% of the cost of the procurement contract , unless otherwise stipulated in the procurement contract.

- 15.14. In the event of a quantity shortage of the goods, the buyer has the right to accept the corresponding goods and demand from the seller to deliver the missing goods quantity to the destination specified by the buyer within the Republic of Estonia at the seller's expense.
- 15.15. In addition to terminating the agreement or withdrawing from the agreement, the parties have the right to demand liquidated damages, compensation for damage and use other legal remedies for a significant breach of the agreement.
- 15.16. In the event that the seller breaches a contractual obligation other than timely delivery or service provision, the buyer has the right to demand from the seller a contractual penalty of up to 10% of the total cost of the goods or services that are the subject of the procurement contract.
- 15.17. In the event of a breach of the confidentiality obligation, a party is entitled to claim contractual penalty from the breaching party of up to 10 000.00 EUR for each such breach.
- 15.18. In the event that the buyer delays the payment of the invoice, the seller has the right to demand from the buyer up to 0.25% per day of the amount unpaid by the due date stipulated in § 113 clause 1 of the Law of Obligations Act for each day of delay in payment, provided that the buyer has been notified of the delay within 30 days of its occurrence. The total amount of the penalty shall not exceed 10% of the amount in delay.
- 15.19. The contractual penalty is to secure the agreed performance of the obligation, not to replace the performance of the obligation. The imposition of a penalty does not deprive the buyer of the right to demand compensation from the seller for damages caused by breach of contract.
- 15.20. The period for claiming contractual penalties is 180 days from the discovery of the corresponding breach.
- 15.21. The contractual penalties and arrears are paid within 28 days of receiving the corresponding claim, unless the parties have agreed otherwise. The buyer has the right to deduct sums of contractual penalty claims and the sums of compensation for damage submitted by the buyer from the amount payable to the seller.
- 15.22. The parties have the right, by agreement, to replace the contractual penalties (also partially) with the object of the agreement or goods and/or services related to the object of the agreement. The implementation of this clause does not involve the imposition of a contractual penalty, but a separate legal remedy arising from the agreement.

16. Grounds for termination of the agreement

- 16.1. Upon termination/withdrawal from the agreement, the buyer gives the seller a reasonable time limit to fulfill the agreement, which cannot generally be longer than 30 days. The deadline given for the performance of the agreement does not release the party from responsibility for breach of obligation.
- 16.2. The buyer is not obliged to give a deadline for the performance of the agreement in the event of a significant breach of agreement when canceling/withdrawing from the agreement. In this case, the buyer submits a written agreement cancellation-/withdrawal application to the seller within a reasonable time after becoming aware of a significant breach of agreement. Termination/withdrawal of the agreement(s) is deemed to have taken place when the seller has received the termination-/withdrawal application.
- 16.3. Upon expiry of the additional deadline given for the execution of the agreement, the buyer may submit a written application of termination or withdrawal from the agreement(s) to the seller. Termination or withdrawal from the agreement(s) is deemed to have taken place from the date of receipt of the termination-withdrawal application by the seller. The buyer shall not submit a written application, if by giving the additional deadline for fulfilling the agreement the buyer has explained to the seller in writing that if the seller shall not fulfill the obligations in additional deadline, the buyer shall terminate the agreement. In this case the agreement shall terminate by the expiry of the additional deadline and on term that the seller has not offered a suitable fulfilment to the buyer.
- 16.4. The party shall have the right to terminate or withdrawal from the agreement if the party has significantly breached the contractual obligations arising from the agreement (significant

breach of contractual obligations). A significant breaches of agreement are, among other things, if:

- 16.4.1. Contractual obligations are violated intentionally or due to gross negligence;
 - 16.4.2. The seller has failed to fulfill his obligations within the additional deadline given by the buyer;
 - 16.4.3. the seller notifies the buyer of the refusal to perform;
 - 16.4.4. The seller has not started the execution of the agreement within the time that would allow the agreement to be executed on time;
 - 16.4.5. False information or falsified data is provided;
 - 16.4.6. The obligation of confidentiality is breached;
 - 16.4.7. Breach of obligation gives a party a reasonable reason to expect that the other party will not fulfill the obligation in the future;
 - 16.4.8. During the validity of the agreement, the seller commits breach of the law in relation to the sale of goods or the provision of services that are the subject of the agreement;
 - 16.4.9. The seller's permits necessary for the performance of the agreement expire and the seller does not extend them or the extension of permits is not possible;
 - 16.4.10. the seller has breached the terms of the agreement more than three times, which are not mentioned in clauses 16.4.1-16.4.9.
- 16.5. The buyer shall have the right to terminate the agreement exceptionally if the seller has been declared bankrupt or has entered into liquidation proceedings.
 - 16.6. The buyer shall have the right to terminate the agreement at any time by giving at least 30 calendar days advance notice to the seller.
 - 16.7. The parties have the right to terminate the agreement at any time by agreement of the parties.
 - 16.8. Upon termination of the agreement, the parties are not obligated to perform the agreement. Upon cancellation or withdrawal of agreement, the parties are required to return that which has been delivered in advance with respect to the time of cancellation of the agreement in accordance with the procedure provided for in the Law of Obligations Act.

17. Contact persons

- 17.1. The buyer's contact person is the category manager of the relevant field, who at the time of signing the agreement is Erko Sepri, the category manager of armaments (phone +372 5350 1186, e-mail Erko.Sepri@rkik.ee)
- 17.2. The submitter of purchase orders is buyer's purchasing project manager or authorized persons of the buyer's contact person. The granting and withdrawal of authorization is done by e-mail or specified in the procurement contract.
- 17.3. The seller's contact person is Amit Singh (phone +447936942753; e-mail amit.singh@wescom-group.com).
- 17.4. The contact persons for acceptance of the goods or services shall be agreed in the procurement contract.
- 17.5. All notices that do not have legal consequences are submitted by e-mail and shall be addressed to the contact persons of the agreement, unless otherwise agreed in the procurement contract.
- 17.6. A party shall notify the other party of any change in the contact person or other details by e-mail without delay. This notification shall not be deemed to constitute an amendment to the agreement. As of the receipt of the notification, the contact person or other details shall be deemed to have been changed and no separate agreement amendment shall be concluded.

18. Final Provisions

- 18.1. The agreement shall enter into force when the buyer has signed it.
- 18.2. The agreement is valid for 84 months from the date of entry into force or until the maximum value of the agreements specified in clause 9.1, whichever comes first. When calculating the

total cost of agreements, all procurement contracts and/or submitted purchase orders based on agreements are taken into account, regardless of the fact that the parties may be different sellers.

- 18.3. The language of execution of the agreement is Estonian or English, unless the parties have agreed otherwise. In case of contradictions between Estonian and English documents, the Estonian version prevails.
- 18.4. The legislation of the Republic of Estonia shall be used in the performance of the agreement and in the event of disputes arising from the agreement, unless the parties have agreed otherwise.
- 18.5. The parties have agreed to use all measures to resolve their differences through negotiations. If no agreement is reached, the dispute will be resolved in accordance with the law of the Republic of Estonia in the Harju County Court, unless the parties have agreed otherwise.
- 18.6. The invalidity of a single provision of the agreement does not lead to the invalidity of the entire agreement or other provisions of the agreement.
- 18.7. Neither party has the right to transfer its contractual rights and obligations to third parties without the written consent of the other party.
- 18.8. Amendments to the agreement may be agreed under the conditions laid down in the Public Procurement Act.
- 18.9. Amendments to the agreement shall be valid if they are in writing. The amendments to the agreement shall be void if the written form is not complied with. Any amendment to the agreement shall enter into force after it has been signed by the parties or within a period to be determined by the parties.
- 18.10. The transmission of notices with legal significance between the parties must be done in writing or digitally signed by e-mail. The notice shall be deemed to have been received even if it has been delivered by the postal authority to the location specified in the return notice agreement and 5 days have passed since the notice was posted. If the notification is sent by e-mail, it shall be deemed to have been received on the following working day.
- 18.11. The agreement is drawn up in one copy and signed digitally or the agreement is drawn up in two copies with equal legal force and signed by hand.
- 18.12. If the agreement is signed by hand, the parties have the right to send the signed agreement to the other party for signature by e-mail in scanned PDF-format, which the other party signs and sends back in scanned PDF-format by e-mail. The parties are obliged to also deliver the original documents within 15 days after signing, but the agreement will enter into force from the date of the buyer's signature, delivered by e-mail.

19. Annexes

- 19.1. Annex 1. Security requirements;
- 19.2. Annex 2. Codification conditions;
- 19.3. Annex 3. Seller's tender (extract, list of products to be offered) (For official use only on the legal basis of Public Information Act § 35 subsection 1 clause 17).

Buyer:


27.10.2026
(signature and date)

Elmar Vaher
Director General

Seller:

(signature and date)

Amit Singh
Defence Sales Director

SECURITY REQUIREMENTS

As the object of the public procurement is located within the security area of the Defence Forces, the contracting partner shall be informed of the following conditions, rights and obligations in order to clarify the parties' rights and obligations regarding compliance with security requirements within the Defence Forces security area.

1. DEFINITIONS

- 1.1 **Security Requirements** – the general security requirements established for entry to and presence within a Defence Forces Security Area (Annex 5), as well as any other requirements established by applicable legislation for the purpose of ensuring the security of the Defence Forces.
- 1.2 **Person Responsible for Security** – the Defence Forces sub-unit or service member responsible for ensuring compliance with the Security Requirements applicable to the Object of the Public Procurement and/or the Work Area located within the relevant Defence Forces Security Area.
- 1.3 **Defence Forces Security Area (DFSAs)** – any territory under the control of the Defence Forces, as well as Defence Forces vessels, aircraft and vehicles.
- 1.4 **Contracting Partner's Contact Person** – the person designated by the Contracting Partner and/or its subcontractor who is responsible for ensuring compliance with the requirements relating to the performance of the public contract (hereinafter also referred to as the "Contract") and with the Security Requirements.
- 1.5 **Consent** – the prior written consent required for conducting a Background Check, by which a person authorises the Defence Forces to collect data concerning that person and make relevant enquiries for a period of five years from the date on which the consent is given, pursuant to § 41⁶ of the Estonian Defence Forces Organisation Act (Annex 2 in Estonian and Annex 3 in English).
- 1.6 **ECDI Contact Person** – the person specified in the Contract through whom the performance of the contractual obligations is coordinated and the notices, requirements and other documents provided for in the Contract are transmitted on behalf of the Estonian Centre for Defence Investments (ECDI). The official English name and abbreviation are confirmed by ECDI.
- 1.7 **Object of the Public Procurement** – the object located within the Defence Forces Security Area at which the Service is provided.
- 1.8 **Access Request (e-mail)** – a request submitted by the Contracting Partner's Contact Person for permission for a Service Provider to enter the Defence Forces Security Area (Annex 4).
- 1.9 **Right of Access** – a person's right to be present at the Object of the Public Procurement and/or the Work Area located within the Defence Forces Security Area in connection with the performance of the Contract.

- 1.10 **Person Holding a Right of Access** – a person who has passed the Background Check, whose access to the Object of the Public Procurement and/or the Work Area located within the Defence Forces Security Area has been approved, and who is entitled to enter and remain within the Defence Forces Security Area unescorted in connection with the performance of the Contract.
- 1.11 **Background Check** – a check conducted pursuant to § 41³ of the Estonian Defence Forces Organisation Act and in the manner provided for in § 41⁵ thereof in order to determine the suitability of a person involved in providing services to the Defence Forces (hereinafter the “Service Provider”).
- 1.12 **Background Check Request (e-mail)** – a request submitted by the Contracting Partner’s Contact Person to initiate a Background Check in respect of a Service Provider (Annex 1).
- 1.13 **Service** – a service provided for the performance of the Contract at the Object of the Public Procurement and/or the Work Area located within the Defence Forces Security Area, or at another agreed location.
- 1.14 **Person Providing the Service (hereinafter also referred to as the “Service Provider”)** – an employee of the Contracting Partner and/or its subcontractor in respect of whom a Background Check is conducted, subject to that person’s prior written Consent, in order to assess their suitability to provide services to the Defence Forces.
- 1.15 **Secure Area** – an area authorised for the processing of state secrets or classified information of foreign states classified at the Confidential, Secret or Top Secret level, as well as classified media containing such information.
- 1.16 **Work Area** – an area located within the Defence Forces Security Area where the Service is provided.

2. RIGHTS AND OBLIGATIONS OF THE CONTRACTING PARTNER

- 2.1 The Contracting Partner, including the Service Provider and the Contracting Partner’s Contact Person, shall have the right to obtain from the Defence Forces the information necessary for compliance with the Security Requirements, including information concerning the right to provide the Service and the procedure for obtaining a Right of Access to the Defence Forces Security Area (DFSAs). The ECDI Contact Person shall provide the Contracting Partner, at the earliest opportunity, with the contact details of the Person Responsible for Security for the relevant Object of the Public Procurement and/or Work Area.
- 2.2 **The Contracting Partner shall:**
 - 2.2.1 not assign nationals of countries subject to the notification obligation to provide services to the Defence Forces. At the time of entry into the Contract, the following countries are subject to the notification obligation pursuant to Order No. 1-3/112 of the Minister of the Interior dated 29 September 2023, are¹:
 Republic of Armenia;
 Republic of Azerbaijan;
 People’s Republic of China, including the Hong Kong and Macao Special Administrative Regions;

¹https://kapo.ee/sites/default/files/content_page_attachments/Teatamiskohustusega%20v%C3%A4lisriikideni%20mekirja%20kehtestamine_0.pdf

Islamic Republic of Iran;
Republic of Kazakhstan;
Kyrgyz Republic;
Democratic People's Republic of Korea;
Republic of Tajikistan;
Turkmenistan;
Republic of Uzbekistan;
Republic of Belarus;
Russian Federation.

Should the above-mentioned Order be amended, the Contracting Partner shall be notified thereof and these Security Conditions shall be amended as necessary;

- 2.2.2 ensure that, in the case of services for which the Defence Forces has determined that conducting a Background Check is justified, the Service is provided only by persons who have passed the Background Check and have been assessed as suitable to provide the Service. The Service shall be provided at the location agreed in advance, which may not be situated in any of the countries listed in clause 2.2.1;
- 2.2.3 maintain an up-to-date overview of the actual location or locations from which the Service is provided to the Defence Forces and, upon request, provide this information to the Defence Forces;
- 2.2.4 ensure that a Service Provider does not disclose, without the prior written permission of the Defence Forces, any restricted information that becomes known to them, including classified information, information intended for internal use, trade secrets, personal data concerning Defence Forces service members or employees, or any other information relating to the Defence Forces;
- 2.2.5 ensure that the Contracting Partner's Contact Person submits a duly completed Background Check Request (Annex 1 together with Annex 2 and/or Annex 3) at the earliest opportunity, taking into account the commencement date for the provision of the Service agreed in the Contract and the time required to conduct the Background Check, which may take up to 14 calendar days, to the e-mail address teenuseosutaja@mil.ee;
- 2.2.6 ensure that, in the case of a foreign national, the Contracting Partner's Contact Person attaches the following documents to the Background Check Request:
 - 2.2.6.1 a copy of the page of the person's identity document containing their photograph, including a copy of the visa or another document confirming the legal basis for their stay in Estonia;
 - 2.2.6.2 an extract from the criminal records register of the person's country of residence;
- 2.2.7 ensure that the Contracting Partner's Contact Person submits the Access Request for entry to the Defence Forces Security Area (Annex 4) at the earliest opportunity, taking into account the commencement date for the provision of the Service agreed in the Contract and the reasonable time that may be required to process the Access Request. The request shall be submitted to the e-mail address of the ECDI Contact Person or a person designated by them, who shall ensure that the request is forwarded to the relevant Person Responsible for Security;

- 2.2.8 immediately notify the ECDI Contact Person or a person designated by them and the Defence Forces background check contact at teenuseosutaja@mil.ee if a Service Provider ceases to provide the Service before the agreed date, specifying the Contract concerned;
- 2.2.9 immediately notify the ECDI Contact Person or a person designated by them when a Service Provider no longer requires access to the Defence Forces Security Area, specifying the Contract concerned. The ECDI Contact Person or the person designated by them shall ensure that the information is forwarded to the relevant Person Responsible for Security;
- 2.2.10 comply with the Security Requirements under the conditions established by the Defence Forces, ensure that the Service Provider complies with those requirements, and ensure compliance with those requirements by its subcontractor or subcontractors.

3. RIGHTS AND OBLIGATIONS OF THE DEFENCE FORCES

3.1 The Defence Forces shall have the right to:

- 3.1.1 assess whether conducting a Background Check in respect of a person providing services to the Defence Forces is justified;
- 3.1.2 conduct a Background Check in respect of a person involved in providing services to the Defence Forces;
- 3.1.3 grant or restrict the Service Provider's right to provide services to the Defence Forces on the basis of circumstances established in the course of the Background Check;
- 3.1.4 decline to examine a Background Check Request in accordance with the procedure provided for in the Administrative Procedure Act;
- 3.1.5 refuse, on security grounds, to grant a Right of Access to the Defence Forces Security Area to a person who has not undergone a Background Check, has failed the Background Check or in respect of whom it is not possible to conduct a Background Check;
- 3.1.6 restrict or refuse, on security grounds, to grant a Right of Access to the Defence Forces Security Area to a stateless person or a foreign national;
- 3.1.7 verify a Service Provider holding a Right of Access's compliance with the Security Requirements applicable at the Object of the Public Procurement and, in the event of non-compliance with or a breach of the Security Requirements, prohibit the Service Provider from remaining within the Defence Forces Security Area;
- 3.1.8 verify whether a person providing services to the Defence Forces has disclosed, without the prior written permission of the Defence Forces, any restricted information that has become known to them, including classified information, information intended for internal use, trade secrets, personal data concerning Defence Forces service members or employees, or any other information relating to the Defence Forces. In the event of a breach of this requirement, the Defence Forces shall have the right to prohibit the person from providing services to the Defence Forces;
- 3.1.9 verify that, in the case of services for which the Defence Forces has determined that conducting a Background Check is justified, the Service is provided only by persons who have passed the Background Check and have been assessed as suitable to

provide the Service, and that the Service is provided at the location agreed in advance. In the event of a breach of this requirement, the Defence Forces shall have the right to prohibit the provision of the Service to the Defence Forces.

3.2 The Defence Forces shall:

- 3.2.1 notify the person who submitted the Background Check Request, in a form reproducible in writing, of the outcome of the Service Provider's Background Check;
- 3.2.2 notify the person who submitted the Access Request for entry to the Defence Forces Security Area, in a form reproducible in writing, of the granting of a Right of Access to the Service Provider, including any restrictions imposed on that right;
- 3.2.3 brief the Service Provider on the Security Requirements established by the Defence Forces, including those applicable at the Object of the Public Procurement and/or the Work Area located within the Defence Forces Security Area;
- 3.2.4 notify ECDI if the Service Provider and/or the Contracting Partner breaches these Security Requirements or fails to comply with the Security Requirements applicable within the Defence Forces Security Area;
- 3.2.5 provide written notification if a Background Check Request is declined without examination in accordance with clause 3.1.4.

4. FINAL PROVISIONS

- 4.1 The contact persons referred to in these Security Conditions shall be designated upon entry into the Contract. The parties shall be notified of any changes to the contact persons by e-mail.
- 4.2 Personal data shall be processed in accordance with the requirements of the applicable legislation.

Annex 1: Sample Background Check Request (e-mail)

The electronically fillable background check consent form is available on the RKIK website:
<https://www.kaitseinvesteeringud.ee/hanked/kaitsevaele-teenust-osutavate-isikute-taustakontroll/>

Send the request to: teenuseosutaja@mil.ee

SUBJECT: Background Check Request

TEXT:

FOR INTERNAL USE
ESTONIAN DEFENCE FORCES
The restriction on access applies from the date on which the document is prepared until the need for the restriction ceases, but for no longer than 75 years.
Legal basis: § 35 (1) 12) of the Public Information Act

Hello,

In connection with ECDI Contract [name of the Contract], No. [xxxxxxxx], entered into on [dd.mm.yyyy], I hereby submit to the Defence Forces the details of the persons listed below for the purpose of conducting Background Checks.

The documents required for conducting the Background Checks are attached to this e-mail.

Additional information is provided in the table below:

First name	Surname	Personal ID code	Company	Service to be provided	Actual location where the Service will be provided (address)	Start date of the Service provision period (dd.mm.yyyy)	End date of the Service provision period (dd.mm.yyyy)	Service provided in a Secure Area YES/NO

I acknowledge that the Background Check may take up to 14 calendar days from the date on which a duly completed request is submitted.

Kind regards,

[Requester's first name and surname]

[Position]

[Company name]

[Contact telephone, e-mail address]

FOR OFFICIAL USE ONLY

Annex 3: Consent Form

The electronically fillable background check consent form is available on the RKIK website:

<https://www.kaitseinvesteeringud.ee/hanked/kaitsevaele-teenust-osutavate-isikute-taustakontroll/>

FOR OFFICIAL USE ONLY

Information owner: **ESTONIAN DEFENCE FORCES**

Restrictions on access to information were enforced when
this document was created and are valid as long as
necessary but no longer than 75 years

Legal grounds: Public Information Act clause 35 (1) 12)

Annex 3

APPROVED

With the 23.03.2026 Directive of
the Commander of the Estonian
Defence Forces

No 0.1-3.1/26/63

AUTHORISATION FOR BACKGROUND CHECK

(first and last name)

Personal identification code:

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I hereby authorise the Estonian Defence Forces to perform a background check on me in accordance with section 41³ of the Estonian Defence Forces Organisation Act and in the manner specified in section 41⁵ of the Estonian Defence Forces Organisation Act during five years as of my authorisation.

I am aware of the following conditions.

1. I have the right to refuse authorisation (clause 41⁶ (2) 1) of the Estonian Defence Forces Organisation Act).
2. I have the right to refuse to disclose information that might cause me being released from service or my position, or my employment contract being terminated, or that might lead to an offence or disciplinary proceeding for my loved ones or partner (clause 41⁶ (2) 2) of the Estonian Defence Forces Organisation Act).
3. I have the right to request the termination of data collection and inquiries about me (clause 41⁶ (2) 3) of the Estonian Defence Forces Organisation Act).
4. I have the right to provide explanations about the information collected about me (clause 41⁶ (2) 4) of the Estonian Defence Forces Organisation Act).
5. I have the right to turn to the court, the Chancellor of Justice, the Data Protection Inspectorate, and the labour dispute committee to protect my rights and dispute the decision made about me based on the information collected on the grounds of section 41⁵ to confirm whether the principles of protecting my basic rights and freedoms, and the code of good administration behaviour were followed (clause 41⁶ (2) 5) of the Estonian Defence Forces Organisation Act).
6. If I refuse authorisation or request that data collection and inquiries were terminated (section 41⁷ of the Estonian Defence Forces Organisation Act), it serves as the basis to end my background check (section 41³ of the Estonian Defence Forces Organisation Act).

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7. The Estonian Defence Forces may restrict my rights to the personal data being processed (subsections 41¹⁰ (3) and (4) of the Estonian Defence Forces Organisation Act).

I am aware of the following rules that apply on the restricted area of the Estonian Defence Forces (including vessels, aircraft, vehicles, and the territory of the Estonian Defence Forces).

1. Staying on the restricted area is not allowed without the permission of the Estonian Defence Forces (EDF) (subsection 52 (1) of the Estonian Defence Forces Organisation Act).
2. Each person on the restricted area must follow the procedures in force in the Estonian Defence Forces and the orders given by a representative of the EDF (subsection 52 (2) of the Estonian Defence Forces Organisation Act).
3. It is not allowed to take pictures or other images on the restricted area, or forward such pictures or images (section 56³ of the Estonian Defence Forces Organisation Act).
4. It is not allowed to use partially or entirely automatic or remote-controlled devices on the restricted area (section 56² of the Estonian Defence Forces Organisation Act).
5. It is not allowed to display symbols of aggression on the restricted area (section 151¹ of the Penal Code).
6. The Estonian Defence Forces has a right to perform a security check on any person, personal item or vehicle on the restricted area (section 56 of the Estonian Defence Forces Organisation Act).
7. The board camera of a vehicle must be covered and any video and sound recording devices shut off on the restricted area (subsection 52 (2) of the Estonian Defence Forces Organisation Act).
8. It is not allowed to bring third persons or pets to the restricted area (subsection 52 (2) of the Estonian Defence Forces Organisation Act).
9. It is not allowed to bring or use alcohol, narcotic or psychotropic substances, nor be under the influence of such substances on the restricted area (subsection 52 (2) of the Estonian Defence Forces Organisation Act).
10. It is not allowed to bring a weapon, a drone, explosives, fuels or ignitions or anything that contains such substances, or any equipment that might endanger the people, technology and devices on the restricted area. This list is not conclusive, and the Estonian Defence Forces has the right to evaluate the hazards of any personal items and prevent any person from entering with a potentially dangerous item (subsection 52 (2) of the Estonian Defence Forces Organisation Act).
11. It is not allowed to disclose to any third persons the information made available to a person on the restricted area (subsection 52 (2) of the Estonian Defence Forces Organisation Act).

(day, month, year)

[signed digitally]²

² Could also be signed on paper.

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ANNEX 4: Sample Access Application (e-mail)

The request shall be sent to the e-mail address of the ECDI Contact Person specified in the Contract or to the e-mail address of a person designated by them.

SUBJECT: Access Application (name of the military base and object)

TEXT:

Hello,

FOR INTERNAL USE
Holder of information: Estonian Defence Forces
The restriction on access applies from the date on which the document is prepared until the need for the restriction ceases, but for no longer than 75 years.
Legal basis: § 35 (1) 12) of the Public Information Act

In connection with ECDI Contract [name of the Contract], No. [xxxxxxxx], entered into on [dd.mm.yyyy], I hereby submit an Access Request for entry to the Defence Forces Security Area.

Additional information is provided in the attached Microsoft Excel file:

First name	Surname	Personal ID code	Company	Service to be provided	Object of the Public Procurement/Work Area within the Defence Forces Security Area where the Service will be provided	Start date of the Service provision period (dd.mm.yyyy)	End date of the Service provision period (dd.mm.yyyy)	Vehicle make and registration number

The requester acknowledges that:

1. passing the Background Check does not automatically grant a Right of Access to the Defence Forces Security Area; **(DFSA)**;
2. the Defence Forces shall have the right to restrict a person's access to the DFSA.

Kind regards,

[Requester's first name and surname]

[Position]

[Company name]

[Contact telephone, e-mail address]

ANNEX 5: General Security Requirements Applicable to Entry to and Presence within a Defence Forces Security Area.

When present within a Defence Forces Security Area (referred to as a “restricted military area” in the Estonian Defence Forces Organisation Act) EDFOA, a person shall comply with the rules established by the Defence Forces, including fire safety, traffic and parking rules, and with the instructions given by a representative of the Defence Forces pursuant to § 52 (2) and (3) of the Estonian Defence Forces Organisation Act. In particular:

1. A person shall not enter a Defence Forces Security Area (DFSA) while in possession of alcohol, narcotic or psychotropic substances, firearms, explosives, partially or fully automated or remotely controlled flying devices, including drones, radioactive or highly flammable substances or objects containing such substances, or any other items that may endanger that person, other persons present at the site, machinery or equipment;
2. no third party may be brought into or permitted to enter a Defence Forces Security Area without the permission of the Defence Forces;
3. when entering a Defence Forces Security Area in a vehicle, all vehicle-mounted cameras capable of recording video and/or audio must be covered, switched off or removed;
4. for the purpose of conducting a security check, the Defence Forces shall have the right to stop a person or vehicle when entering, remaining within or leaving a Defence Forces Security Area. The Defence Forces may inspect the person, including their clothing and any items in their possession, including a vehicle, by means of visual inspection, a pat-down, a technical device or a trained service dog;
5. for security or safety reasons, the Defence Forces may temporarily prohibit persons from entering a Defence Forces Security Area, order persons present within a Defence Forces Security Area to leave, or prohibit them from leaving;
6. taking photographs, making video or audio recordings within a Defence Forces Security Area or its buildings, and sharing or uploading such material in any form or through any medium is prohibited without the prior consent of the Defence Forces;
7. a person who is suspected of being under the influence of alcohol, narcotic or psychotropic substances, displays signs of such influence or is intoxicated by such substances is prohibited from remaining within a Defence Forces Security Area;
8. the use or display of symbols of aggression within a Defence Forces Security Area, including on or inside vehicles, is prohibited.

CODIFICATION CONDITIONS

The conditions apply to the goods to be codified according to the NATO Codification System (C/NNC/1294/I00615).

The codification office in Estonia is the Centre for Defence Investments, Järve 34a, 11314 Tallinn, e-mail codif@ecdii.ee.

1. Requirements

- 1.1. For the purposes of codification of the goods, the Seller shall at least submit the codification office the details referred to in the clause 2 in a format that can be reproduced in writing and at the request of the codification office additional details without delay.
- 1.2. Codification details do not need to be transmitted if they have been previously transmitted for the same goods. In this case, the Seller shall inform the codification office of the previous transmission of the codification details and shall indicate the codification office to which the details have been submitted.
- 1.3. The Seller shall submit or coordinate the submission of supplementary information to the codification office for all modifications, design or drawing changes during the term of the Agreement.
- 1.4. The codification office has the right to request additional information from the Seller, including drawings, standards and specifications and their reference numbers, spare parts data, product catalogues, user manuals.
- 1.5. Where the Seller subcontracts the performance of the Agreement, the Seller shall ensure that the information required for codification is also provided for the subcontracted items.
- 1.6. The codification office informs the Seller of the completion of the code or the reasons for refusing to create the code. In the case of goods produced in Estonia, a code shall be generated within two weeks if sufficient details are available. In the case of goods produced abroad, the NATO Stock Number shall be created by the codification office of the country concerned within two months.

2. Details to be provided for the codification of items of equipment for the Estonian Defence Forces

- 2.1. DETAILS OF THE MANUFACTURING COMPANY (company owning the copyrights to the goods):
 - 2.1.1. name;
 - 2.1.2. address;
 - 2.1.3. phone number;
 - 2.1.4. email address;
 - 2.1.5. website address.
- 2.2. DETAILS RELATING TO THE GOODS:
 - 2.2.1. The designation of the goods and the name of the manufacturer, if different from the name of the subject of the Agreement (in Estonian and English).
 - 2.2.2. 13-digit NATO STOCK NUMBER NSN (if known).
 - 2.2.3. Manufacturer's markings (manufacturer-issued markings (model number), factory designations and codes; spare part names, markings, designations and codes; references to product catalogue and user manual).

- 2.2.4. Supplementary technical documentation (references to drawings, standards, specifications, if available).

2.3. DETAILS OF THE DATA PROVIDER/CONTACT PERSON:

- 2.3.1. name;
- 2.3.2. address;
- 2.3.3. phone number;
- 2.3.4. email address.

Grenade Hand Stun



The Grenade Hand Stun N580 and Grenade Hand Stun Multi's N582, N591 and N592 are diversionary grenades, designed for crowd control or for use in confined spaces.

Noise and candela levels induce disorientation in any persons within the effective range. These grenades are designed to be hand thrown.

APPLICATION

Crowd control, various hijack situations and anti-terrorist operations.

SPECIFICATIONS

Delay to Report	1.5 seconds nominal		
Overall Height	120mm		
Diameter	50mm		
NEQ	N580: 0.014kg N582: 0.011kg N591: 0.008kg N592: 0.017kg		
Gross Weight	N580: 0.139kg N582: 0.12kg N591: 0.115kg N592: 0.145kg		
Recorded decibel level			
N580 Single Bang			
10m: 155.8db	5m: 161.9db	2m: 170.2db	
N591 2 Bang Stun			
N592 7 Bang Stun			
10m: 146.5db	5m: 151.9db	2m: 162.3db	
N582 Multi Stun			
10m: 142.7 db	5m: 149.0db	2m: 159.9db	

SHIPPING INFORMATION

Part Code	N580, N582, N591 & N592
UN Number	0452
Proper Shipping Name	Grenades, Practice
Quantity per Box	50
Box Type	Plywood Box
Hazard Class	1.4G
NEQ	N580: 0.70kg N582: 0.56kg N591: 0.42kg N592: 0.85kg
Gross Weight	N580: 10.55kg N582: 9.25kg N591: 7.25kg N592: 10.50kg
Volume	0.034m ³

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*Content of these informational data sheets is subject to modification without prior notice. Errors and omissions excepted. The data sheets do not constitute a technical specification.

Reusable Training Grenade



The N589 Training grenade is used for a wide variety of training scenarios where a realistic loud report and bright flash are required.

APPLICATION

Realistic reusable training grenade.

OPERATION

Screw F.B.U. (FlashBang Unit) into reusable body.
Hold striker lever flush against side of grenade and remove safety pin.

- Throw grenade to required distance.
- After a delay of 3.5 seconds nominal, the grenade is initiated to give a bright flash and report.
- Retrieve spent grenade and remove F.B.U. Blue body is now reusable.

SPECIFICATIONS

Delay to Report	3.5 seconds nominal
Sound Level	Nominal 142db @ 5m
Weight	230g nominal
NEQ	1g nominal

SHIPPING INFORMATION

Part Code	N589
UN Number	0452
Proper Shipping Name	Grenade, Practice
Quantity per Box	96
Box Type	Plywood B7
Hazard Class	1.4G
NEQ	0.096kg
Gross Weight	9.00kg
Volume	0.033m ³

- Alternative pack available including pre-assembled
- Inert blue body shipped in plywood boxes of 64

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PRODUCT DESCRIPTION				PRODUCT CODE			
Reusable Training Grenade Body				N589 Body			
	UN PACKING CERT N/A		HSE CERTIFICATE N/A		METHOD OF PACK No. 669		QTY IN PACK 64
					Revision No: 3		
EXTERNAL DIMENSIONS (mm)			SHIPPING METHODS				
545	280	215	ROAD	RAIL	SEA	CARGO AIR	PASS AIR
Length	Width	Height	YES	YES	YES	YES	YES
UN No NA	PROPER SHIPPING NAME NA		HAZARD CLASS NA		SUPPLEMENTARY HAZARD/s NA		
PER UNIT kg	NEQ NA	GR Wt 0.185	FULL BOX kg	NEQ #VALUE!	NT Wt 11.84	GR Wt 16.50	VOL 0.033 m³
Above = Unpacked weights			Above = Packed box weights. (NT WT = products. GR WT = products, box & packaging).				
ALARMED STORAGE IS:-			Not Required		PACKING INSTRUCTION:-		NA

Created by:	Piotr Lizewski	Date:	26/11/2019
Checked by:	Michal Marcinek	Date:	12/01/2023
Approved by:	Dave Smedley	Date:	12/01/2023

MATERIALS REQUIRED

ITEM	PART NUMBER	DESCRIPTION	QTY
1	9SXXB907	BOX B7	1
2	9SXXB927	LAYER PAD LP7	3
3	9F000070	CELL DIVISION	2
4	9SXXF264	B BUFFER	1
5		PACKING STAMP	1
6	9SXXB824	SEAL MUSLIN PWD	1
7	9SXXG105	ADHESIVE	A/R
8		PACKING FILLER	A/R

METHOD OF PACK

669

**NOTE : BEFORE PACKING ALL ARTICLES ARE TO BE INSPECTED
FOR SCRATCHES , DENTS , MARKS , INTACT STENCILLING AND RATTLING**

STEP	OPERATION	QA INSPECTION
1	CHECK UNIT LOT NUMBER, MONOGRAM AND DATE OF MANUFACTURE ARE CORRECT AND MATCH THE BOX MARKING DETAILS.	i) INFORM SUPERVISION IF ANYTHING ABOUT THE PRODUCT LOOKS INCORRECT
2	OPEN BOX (ITEM 1) AND PLACE LAYER PAD (ITEM 2) IN BOTTOM OF BOX.	
3	OPEN OUT DIVISION (ITEM 3) AND PLACE DIVISION ON TOP OF LAYER PAD (ITEM 2).	
4	PLACE UP TO 32 GRENADE BODIES INTO DIVISION (ITEM 4), USE PACKING FILLER (ITEM 8) TO FILL ANY VACANT SPACES WITHIN THE DIVISION.	ii) HAVE LAYER QTY CHECKED & SIGNED OFF BY QA, TL, ZIC or SUPERVISOR DO NOT PROCEED UNTIL DONE
5	PLACE LAYER PAD (ITEM 2) ON TOP OF PACKED GRENADE BODIES	
6	REPEAT STEPS 3 TO 5 TO PACK UP TO 64 GRENADE BODIES.	
7	PLACE 1 B BUFFER (ITEM 4) ON TOP OF PACKED GRENADES.	
8	STAMP AND SIGN PACKING STAMP (ITEM 5) TO UNDERSIDE OF BOX (ITEM 1) LID.	
9	CLOSE BOX (ITEM 1) AND SEAL WITH MUSLIN SEAL (ITEM 6), SECURED IN PLACE WITH ADHESIVE (ITEM 7).	
10	LABEL/MARK BOX (ITEM 1) IN ACCORDANCE WITH ISSUED BOX MARKING DIAGRAM, OVERCOAT LABELS WITH ADHESIVE (ITEM 8).	
11	WEIGH BOX (AT A RATIO OF 1 IN 10 FOR LARGE ORDERS)	iii) INFORM SUPERVISOR IF BOX WEIGHT IS DIFFERENT FROM MARKED WEIGHT ON BOX

PALLETISATION INFORMATION

Materials, Weights & Dimensions for **STANDARD** (1200 x 1000) Pallet

ITEM	PART NUMBER	DESCRIPTION	QTY
1	9SXXB751	PALLET TREATED 1000 x 1200mm	1
2	9SXXB956	EDGE GUARD 900 x 60 x 60 x 4	4
3	9SXXB263	SEAL REF 832 Pb	4
4	9SXXB262	STRAP-BANDING BS 4853 25mm x 0.75mm	19m
5	9SXXG085	TAPE atg 926 1/2"	1.8m
6	9SXXF395	A3 WHITE FACED HARD BOARD	2

QTY PER CONTAINER	CONTAINERS LENGTHWAYS	CONTAINERS WIDTHWAYS	CONTAINERS PER LAYER	LAYERS PER PALLET	CONTAINERS PER PALLET
64	2	4	8	4	32
MAXIMUM LAYERS PER PALLET					

FULL LAYER NEQ	FULL LAYER NTWT	FULL LAYER GRWT	Full Pallet NEQ	Full Pallet NtWt	Full Pallet Weight
N/A	94.72	132.00	N/A	378.88	560.00

wt of pallet, strapping & film
includes barriers, gates etc
1.42

TOTAL No OF PRODUCTS IN A FULL PALLET	2048
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	LENGTH	WIDTH	HEIGHT	VOLUME
DIMENSIONS	1.2	1.08	1.11	1.44
STANDARD				
(S)	m	m	m	m ³

PRODUCT DESCRIPTION				PRODUCT CODE			
FLASH BANG UNIT				N589 FBU			
	UN PACKING CERT 4D/Y16/S/**/GB/4805		HSE CERTIFICATE SVC4392460P		METHOD OF PACK No. 670		QTY IN PACK 96
					Revision No: 2		
EXTERNAL DIMENSIONS (mm)			SHIPPING METHODS				
545 Length	280 Width	215 Height	ROAD YES	RAIL YES	SEA YES	CARGO AIR YES	PASS AIR NO
UN No 0452	PROPER SHIPPING NAME GRENADES, PRACTICE,		HAZARD CLASS 1.4G		SUPPLEMENTARY HAZARD/s NIL		
PER UNIT kg	NEQ 0.0010	GR Wt 0.044	FULL BOX kg	NEQ 0.095	NT Wt 4.224	GR Wt 9.00	VOL 0.033 m³
Above = Unpacked weights			Above = Packed box weights. (NT WT = products. GR WT = products, box & packaging).				
ALARMED STORAGE IS:-			Not Required		PACKING INSTRUCTION:-		141

Created by:	Piotr Lizewski	Date:	26/11/2019
Checked by:	Michal Marcinek	Date:	12/01/2023
Approved by:	Dave Smedley	Date:	12/01/2023

MATERIALS REQUIRED

ITEM	PART NUMBER	DESCRIPTION	QTY
1	9SXXB907	BOX B7	1
2	9SXXB937	FOIL LINER PL7	1
3	9SXXF264	B BUFFER	1
4	9SXXB927	LAYER PAD LP7	8
5	9F000071	FOAM PAD	3
6	9F000072	DIVISION	3
7	1N000028	N589 RELEASE TOOL KIT	4
8	9L000023	74 x 105 CLP LABEL (PAPER)	1
9	9SXXB824	SEAL MUSLIN PWD	1
10	9SXXG105	ADHESIVE	A/R
11	9SXXL224	LABEL HAZARD 1.4G 100mm Sq	1
12	9SXXL205	LABEL DANGER NON PASSENGER AIR	1
13	9SXXB310	STRAP BANDING 12mm PLAIN	2.3m
14		PACKING STAMP	1

METHOD OF PACK

670

**NOTE : BEFORE PACKING ALL ARTICLES ARE TO BE INSPECTED
FOR SCRATCHES , DENTS , MARKS , INTACT STENCILLING AND RATTLING**

STEP	OPERATION	QA INSPECTION
1	CHECK UNIT LOT NUMBER, MONOGRAM AND DATE OF MANUFACTURE ARE CORRECT AND MATCH THE BOX MARKING DETAILS	i) INFORM SUPERVISION IF ANYTHING ABOUT THE PRODUCT LOOKS INCORRECT
2	OPEN OUT LINER (ITEM 2) AND PLACE IN BOTTOM OF BOX (ITEM 1).	
3	PLACE A B BUFFER (ITEM 3) INSIDE LINER (ITEM 2) IN BASE OF BOX, THEN PLACE A LAYER PAD (ITEM 4) ON TOP OF THE B BUFFER.	
4	PLACE A FOAM PAD (ITEM 5) ON TOP OF THE LAYER PAD (ITEM 4).	
5	OPEN OUT DIVISION (ITEM 6) AND PLACE ON TOP OF FOAM PAD (ITEM 5).	
6	PLACE UP TO 32 UNITS, TWO UNITS PER DIVISION CELL, INTO DIVISION (ITEM 6).	ii) HAVE LAYER QTY CHECKED & SIGNED OFF BY QA, TL, ZIC or SUPERVISOR DO NOT PROCEED UNTIL DONE
7	PLACE A LAYER PAD (ITEM 4) ON TOP OF THE PACKED UNITS.	
8	REPEAT STEPS 4 TO 7 A FURTHER 2 TIMES TO GIVE UP TO 96 PACKED UNITS.	
9	LAY 4 BAGGED RELEASE TOOLS (ITEM 7) WITH INSTRUCTIONS ON ON TOP OF THE LAYER PAD (ITEM 4).	
10	PLACE A FURTHER 4 LAYER PADS (ITEM 4) ON TOP OF THE RELEASE TOOLS (ITEM 7).	
11	EVACUATE AIR FROM LINER (ITEM 2) AND HEAT SEAL CLOSED.	
12	ATTACH CLP LABEL (ITEM 8) TO LINER (ITEM 2).	
13	STAMP AND SIGN PACKING STAMP (ITEM 14) TO UNDERSIDE BOX (ITEM 1) LID.	
14	CLOSE BOX AND SEAL WITH MUSLIN SEAL (ITEM 9) SECURED WITH ADHESIVE (ITEM 10).	
15	LABEL BOX IN ACCORDANCE WITH BOX MARKING DIAGRAM OVERCOATING LABELS (ITEMS 11 AND 12) WITH ADHESIVE (ITEM 10).	
16	APPLY STRAP BANDING (ITEM 13) TWICE ACROSS WIDTH OF BOX.	
17	WEIGH BOX (AT A RATIO OF 1 IN 10 FOR LARGE ORDERS)	iii) INFORM SUPERVISOR IF BOX WEIGHT IS DIFFERENT FROM MARKED WEIGHT ON BOX

PALLETISATION INFORMATION

Materials, Weights & Dimensions for **STANDARD** (1200 x 1000) Pallet

ITEM	PART NUMBER	DESCRIPTION	QTY
1	9SXXB751	PALLET TREATED 1000 x 1200mm	1
2	9SXXG105	ADHESIVE	A/R
3	9SXXB956	EDGE GUARD 900 x 60 x 60 x 4	4
4	9SXXB263	SEAL REF 832 Pb	4
5	9SXXB262	STRAP-BANDING BS 4853 25mm x 0.75mm	18.2m
6	9SXXG085	TAPE Atg 926 1/2"	1.8m
7	9SXXF395	A3 WHITE FACED HARD BOARD	2
8	9SXXL224	LABEL HAZARD 1.4G 100mm Sq	2
9	9SXXL205	LABEL DANGER NON PASSENGER AIR	2

QTY PER CONTAINER	CONTAINERS LENGTHWAYS	CONTAINERS WIDTHWAYS	CONTAINERS PER LAYER	LAYERS PER PALLET	CONTAINERS PER PALLET
96	2	4	8	4	32
MAXIMUM LAYERS PER PALLET					

FULL LAYER NEQ	FULL LAYER NTWT	FULL LAYER GRWT	Full Pallet NEQ	Full Pallet NtWt	Full Pallet Weight
0.76	33.79	72.00	3.04	135.17	319.00

wrapping, strapping & edge
boards, battens, straps etc
33

TOTAL No OF PRODUCTS IN A FULL PALLET	3072
---------------------------------------	------

DIMENSIONS	LENGTH	WIDTH	HEIGHT	VOLUME
STANDARD	1.2	1.08	1.03	1.33
(S)	m	m	m	m ³

PRODUCT DESCRIPTION					PRODUCT CODE				
GRENADE HAND STUN PERCUSSION					N580				
	UN PACKING CERT		HSE CERTIFICATE		METHOD OF PACK No.		QTY IN PACK		
	4D/Y16/S/**/GB/4805		XI/5015/17/152		162A		50		
					Revision No:		15		
EXTERNAL DIMENSIONS (mm)			SHIPPING METHODS						
550	285	220	ROAD	RAIL	SEA	CARGO AIR	PASS AIR		
Length	Width	Height	YES	YES	YES	YES	NO		
UN No	PROPER SHIPPING NAME		HAZARD CLASS		SUPPLEMENTARY HAZARD/s				
0452	GRENADES, PRACTICE		1.4G		NIL				
PER	NEQ	GR Wt	FULL	NEQ	NT Wt	GR Wt	VOL		
UNIT	0.014	0.139	BOX	0.70	6.95	10.50	0.034		
kg			kg				m³		
Above = Unpacked weights			Above = Packed box weights. (NT WT = products. GR WT = products, box & packaging).						
ALARMED STORAGE IS:-			Not Required		PACKING INSTRUCTION:-		P141		

Created by:	David McNally	Date:	05/08/2019
Checked by:	Michal Marcinek	Date:	18/11/2022
Approved by:	Dave Smedley	Date:	21/11/2022

MATERIALS REQUIRED

ITEM	PART NUMBER	DESCRIPTION	QTY
1	9SXXB907	BOX B7	1
OR	9F000057	BOX B7L	
2	9SXXB937	FOIL LINER PL7	1
3	9SXXB366	PACKING PIECE 50mm	1
4	9SXXB912	DIVISION D2	1
5	9SXXB927	LAYER PAD LP7	8
6	9L000023	74 x 105 CLP LABEL (PAPER)	1
7	9SXXB824	SEAL MUSLIN PWD	1
OR	9SXXB139	WIRE SEALING	3
8	9SXXG105	ADHESIVE	A/R
OR	9SXXF005	SEAL METAL PWD	3
9	9SXXL224	LABEL HAZARD 1.4G 100mm SQ	1
10	9SXXL205	LABEL DANGER NON PASSENGER AIR	1
11	9SXXB310	STRAP BANDING 12mm PLAIN	2.4m
12		PACKING STAMP	1
13		PACKING FILLER	A/R

METHOD OF PACK

162A

**NOTE : BEFORE PACKING ALL ARTICLES ARE TO BE INSPECTED
FOR SCRATCHES , DENTS , MARKS , INTACT STENCILLING AND RATTLING**

STEP	OPERATION	QA INSPECTION
1	CHECK LOT NUMBER, MONOGRAM, QUANTITY AND DATE OF MANUFACTURE ARE CORRECT AND MATCH THE BOX MARKING DETAILS.	i) INFORM SUPERVISION IF ANYTHING ABOUT THE PRODUCT LOOKS INCORRECT
2	OPEN OUT LINER (ITEM 2) AND PRESS INTO BOTTOM OF BOX (ITEM 1).	ii) HAVE LAYER QTY CHECKED & SIGNED OFF BY QA, TL, 2IC or SUPERVISOR DO NOT PROCEED UNTIL DONE
3	PLACE PACKING PIECE (ITEM 3) INTO THE BOTTOM OF THE LINER (ITEM 2).	iii) INFORM SUPERVISOR IF BOX WEIGHT IS DIFFERENT FROM MARKED WEIGHT ON BOX
4	OPEN OUT DIVISION (ITEM 4) AND PLACE ON TOP OF PACKING PIECE (ITEM 3).	
5	PLACE UP TO 50 GRENADES INTO DIVISION (ITEM 4), ENSURE RINGPULLS ARE TO THE SIDE OF THE GRENADE BODY.	
6	FILL ANY UNUSED DIVISION (ITEM 4) SPACES WITH PACKING FILLER (ITEM 13).	
7	HAVE PACKED QUANTITY CHECKED BY TEAM LEADER OR INSPECTOR.	ii) HAVE LAYER QTY CHECKED & SIGNED OFF BY QA, TL, 2IC or SUPERVISOR DO NOT PROCEED UNTIL DONE
8	PLACE UP TO 8 LAYER PADS (ITEM 5) ON TOP OF PACKED DIVISION (ITEM 4).	
9	CLOSE LINER (ITEM 2), EVACUATE AIR FROM LINER AND HEAT SEAL TO CLOSE.	
10	ATTACH CLP LABEL (ITEM 6) TO LINER (ITEM 2)	
11	STAMP AND SIGN PACKING STAMP (ITEM 12) ON UNDERSIDE OF BOX (ITEM 1) LID.	
12	CLOSE BOX AND SEAL USING MUSLIN SEAL (ITEM 7) AND ADHESIVE (ITEM 8).	
13	APPLY LABELS IN ACCORDANCE WITH ISSUED BOX MARKING DIAGRAM, OVERCOAT LABELS (ITEM 9 AND 10) WITH ADHESIVE (ITEM 8).	
14	APPLY STRAP BANDING (ITEM 11) TWICE ACROSS WIDTH OF BOX (ITEM 1).	
15	WEIGH BOX (AT A RATIO OF 1 IN 10 FOR LARGE ORDERS).	iii) INFORM SUPERVISOR IF BOX WEIGHT IS DIFFERENT FROM MARKED WEIGHT ON BOX

PALLETISATION INFORMATION

Materials, Weights & Dimensions for **STANDARD** (1200 x 1000) Pallet

ITEM	PART NUMBER	DESCRIPTION	QTY
1	9SXXB751	PALLET TREATED 1000x1200mm	1
2	9SXXG105	ADHESIVE	A/R
3	9SXXB956	EDGE GUARD 900 x 60 x 60 x 4	4
4	9SXXB263	SEAL REF 832 PB	4
5	9SXXB262	STRAP-BANDING BS 4853 25mmx0.75mm	19m
6	9SXXG085	TAPE ATG 926 1/2"	1.8
7	9SXXF395	A3 WHITE FACE HARD BOARD	2
8	9SXXL224	LABEL HAZARD 1.4G 100mm SQ	2
9	9SXXL205	LABEL DANGER NON PASSENGER AIR	2

QTY PER CONTAINER	CONTAINERS LENGTHWAYS	CONTAINERS WIDTHWAYS	CONTAINERS PER LAYER	LAYERS PER PALLET	CONTAINERS PER PALLET
50	2	4	8	4	32
MAXIMUM LAYERS PER PALLET					

FULL LAYER NEQ	FULL LAYER NTWT	FULL LAYER GRWT	Full Pallet NEQ	Full Pallet NtWt	Full Pallet Weight
5.60	55.60	84.00	22.40	222.40	367.00

Full Pallet Weight & NtWt
Full Pallet Weight & NtWt
Full Pallet Weight & NtWt

TOTAL No OF PRODUCTS IN A FULL PALLET	1600
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	LENGTH	WIDTH	HEIGHT	VOLUME
DIMENSIONS STANDARD	1.2	1.08	1.03	1.33
(S)	m	m	m	m ³

Smoke Grenade, Coloured, 90 sec



The smoke grenade consists of a cylindrical body filled with a smoke composition which is ignited by the next generation of a fly-off lever igniter.

APPLICATION

Smoke Grenades provide combat forces with a means of communication / signalling during daylight. Besides individual signalling codes, smoke grenades are used, for example, as indicator for wind direction on helicopter landing zones or marking of drop zones.

Its outstanding design fulfils STANAG 4497 (Hand-Emplaced Munitions) which means no stored energy in the ignition chain. In the unlikely case the grenade was armed but not used, it can be disarmed again easily.

Upon ignition the smoke grenade will produce a dense coloured smoke over the specified period.

SPECIFICATIONS

Length	131mm
Diameter	55mm
Weight	Approx. 246g
Smoke Burning Time	Nominal 90 seconds
Delay Time	2,5 ±1 seconds
Colours	Orange, Green, Violet, Red, Yellow, White, Blue
Operational Temperature	-33°C to +71°C
Net Explosive Mass	Approx. 130g

SHIPPING INFORMATION

Part Code	Orange:	9195500
	Green:	9195600
	Violet:	9195700
	Red:	9196100
	Yellow:	9195800
	White:	9195900
	Blue:	9196000
UN Number	0197	
Proper Shipping Name	Signals, Smoke	
Quantity per Box	20	
Box Type	Steel Box (4A) type PA19	
Hazard Class	1.4G	
NEQ	2.6kg	
Gross Weight	8.1kg	
Volume	0.012m ³	

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Smoke Grenade, Screening, 30 sec, low toxic



The smoke grenade consists of a cylindrical body filled with a smoke composition which is ignited by the next generation of a fly-off lever igniter.

APPLICATION

The Screening Smoke Grenade is designed to produce a dense curtain of smoke to mask the removal or deployment of personnel in tactical and training situations.

The grenade can be used in various military and law enforcement operational and training scenarios such as:

- Interruption of line-of-sight in visible spectrum
- Reducing the accuracy of enemy fire
- Situations where temporary invisibility can substantially increase the survivability of individuals or groups of soldiers

Its outstanding design fulfils STANAG 4497 (Hand-Emplaced Munitions) which means no stored energy in the ignition chain. In the unlikely case the grenade was armed but not used, it can easily be disarmed again.

Upon ignition the smoke grenade will produce a dense coloured smoke over the specified period.

SPECIFICATIONS

Length	131mm
Diameter	55mm
Weight	Approx. 246g
Smoke Burning Time	Nominal 30 seconds (other smoke durations on request)
Delay Time	2,5 ±1 seconds
Colours	White to greyish
Operational Temperature	-33 to +71 °C
Net Explosive Mass	Approx. 130 gram

SHIPPING INFORMATION

Part Code	9199000
UN Number	0197
Proper Shipping Name	Signals, smoke
Quantity per Box	20
Box Type	Steel Box (4A) type PA19
Hazard Class	1.4G
NEQ	2.6kg
Gross Weight	8.1kg
Volume	0.012m ³

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66mm Vehicle Launched Grenade

Smoke, Multi-Band Screening



The Grenade has been developed as an extremely efficient store for producing a visual and thermal smoke screen.

It employs two ground burning smoke payloads and a single air-burst payload, which when launched at an angle of 23 ±0.5 degrees are projected to a distance 30-50 metres. The air-bursting payload provides an instant smoke screen which is then supplemented by the ground burning payloads *before* the initial screen has dispersed. It consists of a central electric contact assembly for 'jack-plug' launchers.

APPLICATION

The grenade is used when the user requires a dense, long lasting visual and IR screen. They have been designed to withstand world-wide environmental conditions; they are waterproof and extremely reliable.

OPERATION

- Ensuring the smoke launcher is safe, place store into launch pot.
- Check inventory & continuity.
- When ready, fire grenade
- Remove spent casing and discard prior to reloading.

SPECIFICATIONS

Height	259mm
Diameter	66mm
Launch Angle	23 ±0.5 degrees
Deployment Range	30-50 metres
Time to first smoke	<3.0 seconds
Visual Screen Time	>35 seconds
IR Screen	25 seconds nominal
IR Band	8-14 microns
Gross Weight	1.100 kg
Net Explosive Mass (NEM)	0.900 kg

SHIPPING INFORMATION

UN Number	0303
Proper Shipping Name	Ammunition, smoke
Code	V601
Quantity per Box	6 (M2A1 Tall MoP 682)
Box Type	Steel (M2A1 Tall MoP 682)
Hazard Class	1.4G
NEQ	5.4 kg (M2A1 Tall MoP 682)
Gross Weight	9.4kg (M2A1 Tall MoP 682)
Volume	0.011 m³

Coloured Smoke Grenade No.83 – 60 seconds



The No. 83 coloured smoke grenades have been developed to meet all hand thrown smoke signalling requirements.

APPLICATION

Ground to air and ground to ground signalling, marking of landing and dropping zones, wind speed and direction indicators, and Land Based Search and Rescue Markers.

Designed to withstand world-wide environmental conditions, they are robust, waterproof and extremely reliable. By employing vivid colours and dense smoke emission for a minimum of 60 seconds, this grenade series provides the optimum signalling performance required by operational troops.

SPECIFICATIONS

Burn Time	60 seconds nominal
Length	135mm
Diameter	63mm
Gross Weight	325g nominal
NEM	205g nominal

SHIPPING INFORMATION

Part Code	Red:	N161
	White:	N162
	Green:	N163
	Blue:	N164
	Yellow:	N165
	Purple:	N166
	Orange:	N167
UN Number	0197	
Proper Shipping Name	Signals, Smoke	
Quantity per Box	48	
Box Type	Plywood B1	
Hazard Class	1.4G	
NEQ	9.84kg	
Gross Weight	20.5kg	
Volume	0.048m ³	

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Coloured Smoke Grenade No.83 – 90 seconds



The No. 83 coloured smoke grenades have been developed to meet all hand thrown smoke signalling requirements.

APPLICATION

Ground to air and ground to ground signalling, marking of landing and dropping zones, wind speed and direction indicators, and Land Based Search and Rescue Markers.

Designed to withstand world-wide environmental conditions, they are robust, waterproof and extremely reliable. By employing vivid colours and dense smoke emission for a minimum of 90 seconds, this grenade series provides the optimum signalling performance required by operational troops.

SPECIFICATIONS

Burn Time	Nominal 90 seconds
Time to First Smoke	Less than 5 seconds
Height (inc. Striker Mechanism)	135mm
Height (Grenade Body)	108mm
Diameter	63mm
Gross Weight	0.300kg nominal
NEM	0.190kg nominal

SHIPPING INFORMATION

Part Code	Red:	N191
	White:	N192
	Green:	N193
	Blue:	N194
	Yellow:	N195
	Purple:	N196
	Orange:	N197
UN Number	0197	
Proper Shipping Name	Signals, Smoke	
Quantity per Box	48	
Box Type	Plywood B2	
Hazard Class	1.4G	
NEQ	9.84kg	
Gross Weight	20.5kg	
Volume	0.048m ³	

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Grenade Hand Bursting Screening RP



The N322 Grenade Hand Bursting Screening Red Phosphorous (RP) is a visual & IR screening smoke grenade for military training exercises and operational use.

APPLICATION

For use in various military training or operational exercises such as: rapid concealment of troops, reduce accuracy of enemy fire, removal of target opportunities and cover for the redeployment of friendly forces.

The dense white smoke cloud produced conceals movement of personnel and vehicles for nominally 30 seconds. The IR screen in the 8-14 micron band is produced for 8 seconds nominal.

SPECIFICATIONS

Delay time	1.5 seconds nominal
Overall Smoke Duration	30 seconds nominal
IR Screen	8 seconds nominal
Height (Inc. Striker Mechanism)	179mm nominal
Diameter Overall	67mm nominal
Diameter Body	60mm
Gross Weight	0.605kg
NEM	0.320kg

SHIPPING INFORMATION

Part Code	N322
UN Number	0303
Proper Shipping Name	Ammunition, Smoke
Quantity per Box	32
Box Type	Plywood B2
Hazard Class	1.4G
NEQ	10.21kg
Gross Weight	24.40kg
Volume	0.043m ³

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Grenade Hand Compact Screening Smoke



The N451/A Grenade Hand Compact Screening Smoke is a high performance smoke grenade that deploys a thick low toxicity visual smoke screen in a matter of seconds.

APPLICATION

For use in various military training or operational exercises such as: rapid concealment of troops, reduce accuracy of enemy fire, removal of target opportunities and cover for the redeployment of friendly forces.

The composition is a widely accepted low toxicity formulation which produces a dense white smoke to give maximum obscuration which lasts a nominal 45 seconds.

SPECIFICATIONS

Burn Time	Nominal 45 seconds
Time to Effective Screen	5 seconds max
Height (Inc. Striker Mechanism)	128mm
Height (Grenade Body)	98.5mm
Diameter	55mm or 58mm including striker
Gross Weight	0.291kg
NEQ	0.175kg

SHIPPING INFORMATION

Part Code	N451/A
UN Number	0197
Proper Shipping Name	Signals, Smoke
Quantity per Box	60
Box Type	Plywood B2
Hazard Class	1.4G
NEQ	10.50kg
Gross Weight	24.0kg
Volume	0.043m ³

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76mm Vehicle Launched Grenade Multi-Spectral



The V741 Vehicle Launched Grenade Multi-Spectral when used in salvos from suitably placed Armoured Fighting Vehicles (AFV) grenade launchers produces a rapid optimum smoke cloud with no 'window hole' effect.

APPLICATION

Upon firing the 3 payloads are ejected up to 45 metres where the airburst element will create an instantaneous visual and IR screen. The ground burn element will land and provide a dense visual and IR screen for more than 30 seconds.

The smoke cloud conceals friendly forces and manoeuvres thus reducing the enemy's ability to deliver a specified attack profile. The screen is achieved using a combination of air bursting and ground bursting red phosphorus munitions to give a maximum possible screen in size and duration for AFV protection. The V741 Vehicle Launched Grenade is mission selectable for the roles of smoke camouflage, concealment or deception of AFV's on the battlefield.

SPECIFICATIONS

Height	280.5mm
Diameter	76mm
Delay Time - Airburst	2.0 seconds nominal
Burn Time	60 seconds nominal
Time to First Smoke	Less than 3.5 seconds
IR Band	8-14 micron
Deployment Height at 45°	15m nominal
Ground Range	25-45m
Number of Sub-Munitions	3
Fire/No fire Current	2.4A/1.2
IR Screen Time	20 seconds nominal
Gross Weight	1.8kg
NEM	1.3kg

SHIPPING INFORMATION

Part Code	V741
UN Number	0303
Proper Shipping Name	Ammunition, Smoke
Quantity per Box	12
Box Type	Plywood B2
Hazard Class	1.4G
NEQ	15.60kg
Gross Weight	34.0kg
Volume	0.043m ³

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76mm Vehicle Launched Grenade Multi-Spectral



The V745 Vehicle Launched Grenade Multi-Spectral when used in salvos from suitably placed Armoured Fighting Vehicle (AFV) grenade launchers produces a rapid optimum smoke cloud with no 'window hole' effect.

APPLICATION

Ground burn element for effective duration of screen, air bursting element for instant screen, infra Red and Visual Screen.

The smoke cloud conceals friendly forces and manoeuvres thus reducing the enemy's ability to deliver a specified attack profile. The screen is achieved using a combination of air bursting and ground burning red phosphorus munitions to give a maximum possible screen in size and duration for AFV protection. The V745 Vehicle Launched Grenade is mission selectable for the roles of smoke camouflage, concealment or deception of AFV's on the battlefield.

SPECIFICATIONS

Height	204mm
Diameter	76mm
Delay Time - Air Burst	2.0 seconds nominal
Burn Time	30 seconds nominal
Time to First Smoke	Less than 3.5 seconds
IR Band	8-14 micron
Deployment Height at 45°	<15m
Ground Range	30-65m
Number of Sub-Munitions	2
Fire/No Fire Current	2.4A / 1.2
IR Screen Time	15 seconds nominal

SHIPPING INFORMATION

Part Code	V745
UN Number	0303
Proper Shipping Name	Ammunition, Smoke
Quantity per Box	18
Box Type	Plywood B2
Hazard Class	1.4G
NEQ	13.32kg
Gross Weight	30.50kg
Volume	0.043m ³

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