

REPUBLIC OF THE PHILIPPINES QUEZON CITY GOVERNMENT BIDS AND AWARDS COMMITTEE – GOODS AND SERVICES



**PHILIPPINE BIDDING DOCUMENTS** 

(As Harmonized with Development Partners)

# PROCUREMENT OF FIRE THERMAL IMAGER AND OTHERS

## PROJECT NO. QCDRRMO-24-FFRSE-1688

Government of the Republic of the Philippines

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## Preface

These Philippine Bidding Documents (PBDs) for the procurement of Goods through Competitive Bidding have been prepared by the Government of the Philippines for use by any branch, constitutional commission or office, agency, department, bureau, office, or instrumentality of the Government of the Philippines, National Government Agencies, including Government-Owned and/or Controlled Corporations, Government Financing Institutions, State Universities and Colleges, and Local Government Unit. The procedures and practices presented in this document have been developed through broad experience, and are for mandatory use in projects that are financed in whole or in part by the Government of the Philippines or any foreign government/foreign or international financing institution in accordance with the provisions of the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184.

The Bidding Documents shall clearly and adequately define, among others: (i) the objectives, scope, and expected outputs and/or results of the proposed contract or Framework Agreement, as the case may be; (ii) the eligibility requirements of Bidders; (iii) the expected contract or Framework Agreement duration, the estimated quantity in the case of procurement of goods, delivery schedule and/or time frame; and (iv) the obligations, duties, and/or functions of the winning bidder.

Care should be taken to check the relevance of the provisions of the PBDs against the requirements of the specific Goods to be procured. If duplication of a subject is inevitable in other sections of the document prepared by the Procuring Entity, care must be exercised to avoid contradictions between clauses dealing with the same matter.

Moreover, each section is prepared with notes intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They shall not be included in the final documents. The following general directions should be observed when using the documents:

- a. All the documents listed in the Table of Contents are normally required for the procurement of Goods. However, they should be adapted as necessary to the circumstances of the particular Procurement Project.
- b. Specific details, such as the "name of the Procuring Entity" and "address for bid submission," should be furnished in the Instructions to Bidders, Bid Data Sheet, and Special Conditions of Contract. The final documents should contain neither blank spaces nor options.
- c. This Preface and the footnotes or notes in italics included in the Invitation to Bid, Bid Data Sheet, General Conditions of Contract, Special Conditions of Contract, Schedule of Requirements, and Specifications are not part of the text of the final document, although they contain instructions that the Procuring Entity should strictly follow.
- d. The cover should be modified as required to identify the Bidding Documents as to the Procurement Project, Project Identification Number, and Procuring Entity, in addition to the date of issue.

- e. Modifications for specific Procurement Project details should be provided in the Special Conditions of Contract as amendments to the Conditions of Contract. For easy completion, whenever reference has to be made to specific clauses in the Bid Data Sheet or Special Conditions of Contract, these terms shall be printed in bold typeface on Sections I (Instructions to Bidders) and III (General Conditions of Contract), respectively.
- f. For guidelines on the use of Bidding Forms and the procurement of Foreign-Assisted Projects, these will be covered by a separate issuance of the Government Procurement Policy Board.

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## Glossary of Acronyms, Terms, and Abbreviations

ABC – Approved Budget for the Contract.

BAC – Bids and Awards Committee.

**Bid** – A signed offer or proposal to undertake a contract submitted by a bidder in response to and in consonance with the requirements of the bidding documents. Also referred to as *Proposal* and *Tender*. (2016 revised IRR, Section 5[c])

**Bidder** – Refers to a contractor, manufacturer, supplier, distributor and/or consultant who submits a bid in response to the requirements of the Bidding Documents. (2016 revised IRR, Section 5[d])

**Bidding Documents** – The documents issued by the Procuring Entity as the bases for bids, furnishing all information necessary for a prospective bidder to prepare a bid for the Goods, Infrastructure Projects, and/or Consulting Services required by the Procuring Entity. (2016 revised IRR, Section 5[e])

**BIR** – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

**Consulting Services** – Refer to services for Infrastructure Projects and other types of projects or activities of the GOP requiring adequate external technical and professional expertise that are beyond the capability and/or capacity of the GOP to undertake such as, but not limited to: (i) advisory and review services; (ii) pre-investment or feasibility studies; (iii) design; (iv) construction supervision; (v) management and related services; and (vi) other technical services or special studies. (2016 revised IRR, Section 5[i])

CDA - Cooperative Development Authority.

**Contract** – Refers to the agreement entered into between the Procuring Entity and the Supplier or Manufacturer or Distributor or Service Provider for procurement of Goods and Services; Contractor for Procurement of Infrastructure Projects; or Consultant or Consulting Firm for Procurement of Consulting Services; as the case may be, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

CIF – Cost Insurance and Freight.

CIP – Carriage and Insurance Paid.

**CPI** – Consumer Price Index.

DDP - Refers to the quoted price of the Goods, which means "delivered duty paid."

DTI – Department of Trade and Industry.

**EXW** – Ex works.

FCA – "Free Carrier" shipping point.

FOB – "Free on Board" shipping point.

**Foreign-funded Procurement or Foreign-Assisted Project**– Refers to procurement whose funding source is from a foreign government, foreign or international financing institution as specified in the Treaty or International or Executive Agreement. (2016 revised IRR, Section 5[b]).

**Framework Agreement** – Refers to a written agreement between a procuring entity and a supplier or service provider that identifies the terms and conditions, under which specific purchases, otherwise known as "Call-Offs," are made for the duration of the agreement. It is in the nature of an option contract between the procuring entity and the bidder(s) granting the procuring entity the option to either place an order for any of the goods or services identified in the Framework Agreement List or not buy at all, within a minimum period of one (1) year to a maximum period of three (3) years. (GPPB Resolution No. 27-2019)

GFI - Government Financial Institution.

GOCC - Government-owned and/or -controlled corporation.

**Goods** – Refer to all items, supplies, materials and general support services, except Consulting Services and Infrastructure Projects, which may be needed in the transaction of public businesses or in the pursuit of any government undertaking, project or activity, whether in the nature of equipment, furniture, stationery, materials for construction, or personal property of any kind, including non-personal or contractual services such as the repair and maintenance of equipment and furniture, as well as trucking, hauling, janitorial, security, and related or analogous services, as well as procurement of materials and supplies provided by the Procuring Entity for such services. The term "related" or "analogous services" shall include, but is not limited to, lease or purchase of office space, media advertisements, health maintenance services, and other services essential to the operation of the Procuring Entity. (2016 revised IRR, Section 5[r])

**GOP** – Government of the Philippines.

GPPB – Government Procurement Policy Board.

**INCOTERMS** – International Commercial Terms.

**Infrastructure Projects** – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PhilGEPS - Philippine Government Electronic Procurement System.

**Procurement Project** – refers to a specific or identified procurement covering goods, infrastructure project or consulting services. A Procurement Project shall be described, detailed, and scheduled in the Project Procurement Management Plan prepared by the agency

which shall be consolidated in the procuring entity's Annual Procurement Plan. (GPPB Circular No. 06-2019 dated 17 July 2019)

**PSA** – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

**SLCC** – Single Largest Completed Contract.

**Supplier** – refers to a citizen, or any corporate body or commercial company duly organized and registered under the laws where it is established, habitually established in business and engaged in the manufacture or sale of the merchandise or performance of the general services covered by his bid. (Item 3.8 of GPPB Resolution No. 13-2019, dated 23 May 2019). Supplier as used in these Bidding Documents may likewise refer to a distributor, manufacturer, contractor, or consultant.

UN – United Nations.

## Notes on the Invitation to Bid

The Invitation to Bid (IB) provides information that enables potential Bidders to decide whether to participate in the procurement at hand. The IB shall be posted in accordance with Section 21.2 of the 2016 revised IRR of RA No. 9184.

Apart from the essential items listed in the Bidding Documents, the IB should also indicate the following:

- a. The date of availability of the Bidding Documents, which shall be from the time the IB is first advertised/posted until the deadline for the submission and receipt of bids;
- b. The place where the Bidding Documents may be acquired or the website where it may be downloaded;
- c. The deadline for the submission and receipt of bids; and
- d. Any important bid evaluation criteria (*e.g.*, the application of a margin of preference in bid evaluation).

The IB should be incorporated in the Bidding Documents. The information contained in the IB must conform to the Bidding Documents and in particular to the relevant information in the Bid Data Sheet.

## Notes on the Instructions to Bidders

This Section on the Instruction to Bidders (ITB) provides the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Entity. It also provides information on bid submission, eligibility check, opening and evaluation of bids, post-qualification, and on the award of contract.

## 1. Scope of Bid

The Procuring Entity, Quezon City Local Government wishes to receive Bids for the **PROCUREMENT OF FIRE THERMAL IMAGER AND OTHERS** - with identification number QCDRRMO-24-FFRSE-1688.

[Note: The Project Identification Number is assigned by the Procuring Entity based on its own coding scheme and is not the same as the PhilGEPS reference number, which is generated after the posting of the bid opportunity on the PhilGEPS website.]

The Procurement Project (referred to herein as "Project") is composed of *seventeen* (17) items, the details of which are described in Section VII (Technical Specifications).

## 2. Funding Information

- 2.1. The GOP through the source of funding as indicated below for 2024 in the amount of FOUR MILLION EIGHT HUNDRED SIX THOUSAND SEVEN HUNDRED SIXTY NINE PESOS AND 00/100 ONLY (Php4,806,769.00).~
- 2.2. The source of funding is:

a) LGUs, the Annual or Supplemental Budget, as approved by the Sanggunian.

## 3. Bidding Requirements

The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manuals and associated policies, rules and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.

Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or **IB** by the BAC through the issuance of a supplemental or bid bulletin.

The Bidder, by the act of submitting its Bid, shall be deemed to have verified and accepted the general requirements of this Project, including other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

## 4. Corrupt, Fraudulent, Collusive, and Coercive Practices

The Procuring Entity, as well as the Bidders and Suppliers, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex "I" of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

## 5. Eligible Bidders

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. Foreign ownership exceeding those allowed under the rules may participate pursuant to:
  - i. When a Treaty or International or Executive Agreement as provided in Section 4 of the RA No. 9184 and its 2016 revised IRR allow foreign bidders to participate;
  - ii. Citizens, corporations, or associations of a country, included in the list issued by the GPPB, the laws or regulations of which grant reciprocal rights or privileges to citizens, corporations, or associations of the Philippines;
  - iii. When the Goods sought to be procured are not available from local suppliers; or
  - iv. When there is a need to prevent situations that defeat competition or restrain trade.
- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to:
  - a. For the procurement of **Non-Expendable Supplies and Services:** The Bidder must have completed a single contract that is similar to this Project, equivalent to at least **fifty percent (50%)** of the ABC.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

## 6. Origin of Goods

There is no restriction on the origin of goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN, subject to Domestic Preference requirements under ITB Clause 18.

## 7. Subcontracts

7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than twenty percent (20%) of the Project.

The Procuring Entity has prescribed that: Subcontracting is not allowed.

## 8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address and/or through videoconferencing as indicated in paragraph 6 of the **IB**.

## 9. Clarification and Amendment of Bidding Documents

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the **IB**, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

## 10. Documents comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in Section VIII (Checklist of Technical and Financial Documents).
- 10.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within *the last three (3) years* prior to the deadline for the submission and receipt of bids.
- 10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an Apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

## 11. Documents comprising the Bid: Financial Component

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in Section VIII (Checklist of Technical and Financial Documents).
- 11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.
- 11.3. Any bid exceeding the ABC indicated in paragraph 1 of the IB shall not be accepted.
- 11.4. For Foreign-funded Procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

## 12. Bid Prices

12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:

- a. For Goods offered from within the Procuring Entity's country:
  - i. The price of the Goods quoted EXW (ex-works, ex-factory, exwarehouse, ex-showroom, or off-the-shelf, as applicable);
  - ii. The cost of all customs duties and sales and other taxes already paid or payable;
  - iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
  - iv. The price of other (incidental) services, if any, listed in e.
- b. For Goods offered from abroad:
  - i. Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted delivered duty paid (DDP) with the place of destination in the Philippines as specified in the **BDS**. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.
  - ii. The price of other (incidental) services, if any, as listed in Section VII (Technical Specifications).

## 13. Bid and Payment Currencies

- 13.1. For Goods that the Bidder will supply from outside the Philippines, the bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies, shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.
- 13.2. Payment of the contract price shall be made in:
  - a. Philippine Pesos.

## 14. Bid Security

- 14.1. The Bidder shall submit a Bid Securing Declaration<sup>1</sup> or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.
- 14.2. The Bid and bid security in no case shall exceed One Hundred Twenty (120) calendar days from the date of opening of bids, unless duly extended by the bidder upon the request of the Head of the Procuring Entity (HoPE) of the Quezon City Local Government. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

<sup>&</sup>lt;sup>1</sup> In the case of Framework Agreement, the undertaking shall refer to entering into contract with the Procuring Entity and furnishing of the performance security or the performance securing declaration within ten (10) calendar days from receipt of Notice to Execute Framework Agreement.

## 15. Sealing and Marking of Bids

Each Bidder shall submit one copy of the first and second components of its Bid.

The Procuring Entity may request additional hard copies and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

If the Procuring Entity allows the submission of bids through online submission or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

## 16. Deadline for Submission of Bids

16.1. The Bidders shall submit on the specified date and time through manual submission as indicated in paragraph 7 of the IB.

#### 17. Opening and Preliminary Examination of Bids

17.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

17.2. The preliminary examination of bids shall be governed by Section 30 of the 2016 revised IRR of RA No. 9184.

#### **18. Domestic Preference**

18.1. The Procuring Entity will grant a margin of preference for the purpose of comparison of Bids in accordance with Section 43.1.2 of the 2016 revised IRR of RA No. 9184.

#### 19. Detailed Evaluation and Comparison of Bids

- 19.1. The Procuring BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*," using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of the 2016 revised IRR of RA No. 9184.
- 19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case maybe. In this case, the Bid Security as required by **ITB** Clause 15 shall be submitted for each lot or item separately.
- 19.3. The descriptions of the lots or items shall be indicated in Section VII (Technical Specifications), although the ABCs of these lots or items are indicated in the BDS for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.

19.4. The Project shall be awarded as follows:

One Project having several items that shall be awarded as one contract.

19.5. Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA No. 9184, which must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder. For bidders submitting the committed Line of Credit, it must be at least equal to ten percent (10%) of the ABCs for all the lots or items participated in by the prospective Bidder.

## 20. Post-Qualification

20.1. Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**.

## 21. Signing of the Contract

21.1. The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the **BDS**.

## Notes on the Bid Data Sheet

The Bid Data Sheet (BDS) consists of provisions that supplement, amend, or specify in detail, information, or requirements included in the ITB found in Section II, which are specific to each procurement.

This Section is intended to assist the Procuring Entity in providing the specific information in relation to corresponding clauses in the ITB and has to be prepared for each specific procurement.

The Procuring Entity should specify in the BDS information and requirements specific to the circumstances of the Procuring Entity, the processing of the procurement, and the bid evaluation criteria that will apply to the Bids. In preparing the BDS, the following aspects should be checked:

- a. Information that specifies and complements provisions of the ITB must be incorporated.
- b. Amendments and/or supplements, if any, to provisions of the ITB as necessitated by the circumstances of the specific procurement, must also be incorporated.

## **Bid Data Sheet**

ITB	
Clause	
5.3	For this purpose, contracts similar to the Project shall be:
	a. A single contract similar <b>to the items to be bid</b> and must be at least <b>fifty percent (50%)</b> of the ABC.
	b. Completed within the last three (3) years prior to the deadline for the submission and receipt of bids substantially in a FORM prescribed by the QC-BAC- GOODS AND SERVICES, must be accompanied by a copy of Certificate of Acceptance by the end-user or Official Receipt (O.R) or Sales Invoice (S.I.) issued for the Contract.
7.1	Subcontracting is not allowed.
12	The price of the Goods shall be quoted DDP within Quezon City or the applicable International Commercial Terms (INCOTERMS) for this Project.
14.1	The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:
	a. The amount of not less than <i>Php34,800.00</i> or equivalent to two percent (2%) of ABC if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or
	b. The amount of not less than <i>Php87,000.00 or</i> equivalent to five percent (5%) of ABC if bid security is in Surety Bond.
19.3	[In case the Project will be awarded by lot, list the grouping of lots by specifying the group title, items, and the quantity for every identified lot, and the corresponding ABC for each lot.]
	[In case the project will be awarded by item, list each item indicating its quantity and ABC.]
20.2	List of required licenses and permits relevant to the Project and the corresponding law requiring it.
	The bidder must submit the following permits from Department of Environment and Natural Resources (DENR) in accordance with RA 9175 and DENR Administrative Order (DAO) 2003-24:
	<ul> <li>Copy of valid Permit to Purchase Chainsaw in order to acquire and distribute the chainsaw.</li> </ul>
	<ul> <li>Copy of valid Permit to Sell Chainsaw of the vendor/store where the chainsaw will be acquired.</li> <li>Copy of valid Permit to Sell Chainsaw.</li> </ul>
21.2	Additional required documents relevant to the Project that are required by existing laws and/or the Procuring Entity.
	• Statement of Warranty with project number and project title, minimum of one (1) year.

## Section IV. General Conditions of Contract

## Notes on the General Conditions of Contract

The General Conditions of Contract (GCC) in this Section, read in conjunction with the Special Conditions of Contract in Section V and other documents listed therein, should be a complete document expressing all the rights and obligations of the parties.

Matters governing performance of the Supplier, payments under the contract, or matters affecting the risks, rights, and obligations of the parties under the contract are included in the GCC and Special Conditions of Contract.

Any complementary information, which may be needed, shall be introduced only through the Special Conditions of Contract.

## 1. Scope of Contract

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation of which were issued after the effectivity of the said amendment.

Additional requirements for the completion of this Contract shall be provided in the **Special Conditions of Contract (SCC)**.

## 2. Advance Payment and Terms of Payment

- 2.1. Advance payment of the contract amount is provided under Annex "D" of the revised 2016 IRR of RA No. 9184.
- 2.2. The Procuring Entity is allowed to determine the terms of payment on the partial or staggered delivery of the Goods procured, provided such partial payment shall correspond to the value of the goods delivered and accepted in accordance with prevailing accounting and auditing rules and regulations. The terms of payment are indicated in the SCC.

## 3. **Performance Security**

Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later than prior to the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184.

## 4. Inspection and Tests

The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Project specifications at no extra cost to the Procuring Entity in accordance with the Generic Procurement Manual. In addition to tests in the **SCC**, **Section IV (Technical Specifications)** shall specify what inspections and/or tests the Procuring Entity requires, and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.

All reasonable facilities and assistance for the inspection and testing of Goods, including access to drawings and production data, shall be provided by the Supplier to the authorized inspectors at no charge to the Procuring Entity.

## 5. Warranty

6.1. In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 revised IRR of RA No. 9184. 6.2. The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, repair or replace the defective Goods or parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

## 6. Liability of the Supplier

The Supplier's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

If the Supplier is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.

## Section V. Special Conditions of Contract

## Notes on the Special Conditions of Contract

Similar to the BDS, the clauses in this Section are intended to assist the Procuring Entity in providing contract-specific information in relation to corresponding clauses in the GCC found in Section IV.

The Special Conditions of Contract (SCC) complement the GCC, specifying contractual requirements linked to the special circumstances of the Procuring Entity, the Procuring Entity's country, the sector, and the Goods purchased. In preparing this Section, the following aspects should be checked:

- a. Information that complements provisions of the GCC must be incorporated.
- b. Amendments and/or supplements to provisions of the GCC as necessitated by the circumstances of the specific purchase, must also be incorporated.

However, no special condition which defeats or negates the general intent and purpose of the provisions of the GCC should be incorporated herein.

## **Special Conditions of Contract**

GCC Clause	
1	[List here any additional requirements for the completion of this Contract. The following requirements and the corresponding provisions may be deleted, amended, or retained depending on its applicability to this Contract:]
	Delivery and Documents –
	For purposes of the Contract, "EXW," "FOB," "FCA," "CIF," "CIP," "DDP" and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:
	[For Goods supplied from abroad, state:] "The delivery terms applicable to the Contract are DDP delivered [indicate place of destination]. In accordance with INCOTERMS."
	[For Goods supplied from within the Philippines, state:] "The delivery terms applicable to this Contract are delivered [indicate place of destination]. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination."
	Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).
	For purposes of this Clause the Procuring Entity's Representative at the Project Site is [indicate name(s)].
	Incidental Services –
	The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements: Select appropriate requirements and delete the rest.
	<ul> <li>a. performance or supervision of on-site assembly and/or start-up of the supplied Goods;</li> <li>b. furnishing of tools required for assembly and/or maintenance of the supplied Goods;</li> </ul>
	c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
	<ul> <li>d. performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and</li> </ul>
	e. training of the Procuring Entity's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.
	f. [Specify additional incidental service requirements, as needed.]
	The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

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	Spare Parts –
	The Supplier is required to provide all of the following materials, notifications and information pertaining to spare parts manufactured or distributed by the Supplier:
	Select appropriate requirements and delete the rest.
	a. such spare parts as the Procuring Entity may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under this Contract; and
	b. in the event of termination of production of the spare parts:
	i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and
	<ul> <li>following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested.</li> </ul>
	The spare parts and other components required are listed in Section V. (Schedule of Requirements) and the cost thereof are included in the contract price.
	The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for a period of [indicate here the time period specified. If not used indicate a time period of three time. the warranty period].
	Spare parts or components shall be supplied as promptly as possible, but in any case, within [ <i>insert appropriate time period</i> ] months of placing the order.
	Packaging –
	The Supplier shall provide such packaging of the Goods as is required to preven their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.
	The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity.
	The outer packaging must be clearly marked on at least four (4) sides as follows
	Name of the Procuring Entity Name of the Supplier

	Contract Description
	Final Destination
	Gross weight
	Any special lifting instructions
	Any special handling instructions Any relevant HAZCHEM classifications
	A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.
	Transportation –
	Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.
	Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.
	Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.
	The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.
	Intellectual Property Rights –
	The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.
2.2	[If partial payment is allowed, state] "The terms of payment shall be as follows:
4	The inspections and tests that will be conducted are: Product Presentation/Demonstration/Site Inspection, if applicable.

## Section VI. Schedule of Requirements

## PROJECT NAME: PROCUREMENT OF FIRE THERMAL IMAGER AND OTHERS PROJECT NO. QCDRRMO-24-FFRSE-1688

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Item Number	Description	Unit of Issue	Quantity	Delivered, Weeks/ Months
	DISASTER RESPONSE AND RESCUE EQUIPMENT			
1	FIRE THERMAL IMAGER < Fixed Focus, Wide Angle Lens (49°) < Thermal Resolution: 264 x 198 < Thermal Sensitivity: 40mk (0.04°C) - Frame Rate: 30Hz - Temperature ranges (2): -20°C to 120°C; 0°C to 550°C - Lens option/FOV/Focus Mode: 49° x 36.8° / IFOV: 3.40 mrad / 0.5m focus-free - 3.5 inches touch screen display and fast user interface -	unit.	3 -	
	8-megapixels industrial-grade digital camera, always in -			
2	focus, working distance as close as 0.5m <sup>-</sup>		00	
	ACCESS HARNESS (FULL BODY HARNESS) CLASS III- Designed with versatile, low-profile components for - technicians working on rope - Large diameter aluminum D-rings at the ventral, sternal, - and dorsal attachment points keep the harness - lightweight, yet allows room for multiple carabiners Steel adjuster buckles are low profile and allow for - maximum and efficient adjustment - Aluminum Side D-rings provide lightweight work - positioning attachment points Certification Standards: - EN 361:2002 - EN 358:2018 - EN 813:2008 - NFPA Class III - ANSI Z359.11 - CSA Z259.10 -	unit-	20.	Within Thirty (30) Calendar Days upon issuance of Notice to Proceed
3	KERNMANTLE ROPE (LIFELINE) / Length: 200 ft. (60 m) / Diameter: 12.5 mm (1/2 inch) - Color / Stripe Orange / White / NFPA Rating General Use / 3 sigma MBS 40.8 kN (9,164 LBF) / Max. Length 549 m (1,800 ft.) /	unit _	8,	
4	SINGLE SWIVEL PULLEY - Pulley Type Single Sheave - Sheave Material Aluminum - Height x Width: 148 x 76 mm (5.8 x 3.0 inches) - Pulley Color Bronze / Slate - NFPA Rating General Use - 3 Sigma MBS 36 kN (8,093 lbf) - Prusik minding options facilitate progress capture - Double sheave pulleys equipped with integrated - becket - Compatible with rope up to 13 mm (1/2 inch) - 1.5 inches PMP SS Pulley is compatible with rope or wire- cable -	unit-	20-	
5	DOUBLE SWIVEL PULLEY ~ Pulley Type Double Sheave ~ Sheave Material Aluminum ~ Height x Width: 180 x 76 mm (7.0 x 3.0 inches) ~ Pulley Color Bronze / Slate ~	unit -	10 -	

Schedule of Requirements Page 1 of 5

NFPA Koting General Use -         3 Sigmo MBS 36 kN (80%) tot),         Prusk minding options toolitate progress copture -         Double sheave pulley is compatible with integrated -         backet -         Compatible with rope up to 13 mm (1/2 Inch) -         1.5 Inches PMP SS Pulley is compatible with rope or wire-         coble -         6         MULT-FURPOSE DEVCE (MPD) -         Sigmo MSS Pulley (4 kN (10.34) H10) -         3 Sigmo MSS Pulley (4 kN (10.34) H10) -         3 Sigmo MSS Pulley (4 kN (10.34) H10) -         7       Statisticat to NFA Standards - Litter         Vertical Breaking Sherght 137 KN (3.08) Ib) /         Horizontal Breaking Sherght 137 KN (3.08) Ib) /         Rescue Lifter Specifications :         Length 13 cm (12 in ches) '         Vertical Breaking Sherght 137 KN (3.08) Ib) /         Rescue Lifter Specifications :         Length 13 cm (12 in ches) '         Within TB-M STBH-         Sold as a KN with the petkic harmes included to support -         pointible with inder one-piece and hav-piece lifters.         Maddelba for one-piece and hav-piece lifters.         Maddelba by is and petkic harmes':         Companents Patient liften stratchers.         Midder as weight'         Moder asouth by bigs for file introps and petkic harmes			· T		
Prušk minding options facilitate progress capture -         Double sheave pulky sequipped with integrated -         Deckel -         Compatible with rope up to 13 mm (1/2 inch) -         1.5 inches PMP SS Pulky is compatible with rope or wire-cable -         6       MUIT-PUROSE DEVICE (MPD) -         Rops Ster.13 mm (1/2 inch) -       unit-         3.c       NPPA Rating (Descent Control) General Use -         NIFA Rating (Descent Control) General Use -       with RAS Pulky 46 kt (10.341 Itol) -         7       STAINESS STEL RESCUE LITTE -       unit -         9       Staff AN Standards - Litter -       unit -         9       Vartical Breaking Strength: 24.9 KN (5.98 Btb) +       unit -         10       Hotizontal Breaking Strength: 24.9 KN (5.98 Btb) +       unit -         10       Batter Specifications: -       unit -         10       Batter Specifications: -       unit -         11       Staff		NFPA Rating General Use -			
Double sheave pulleys equipped with integrated - becket - Compatible with rape up to 13 mm (1/2 inch) - Cable -       unit- 3 -         6       MULT-PURPOS DEVICE (MPD) - Rope Size:13 mm (1/2 inch) - Cable -       unit- 3 -       3 -         7       STAILSS STEEL RESCUE (MPD) - NFPA Rating (Polley, Belay) General Use - 3 sigmo M85 Pulley 46 kN (10.341 lbt) - UL Classified to NFPA Standards – Litter: Vertical Breaking Strength: 13.7 kN (3.080 lbf) - Rescue Litter Specifications - Length: 212 cm (83,5 inches) - Depth: 18 cm (7.25 inches) - Length: 212 cm (83,5 inches) - Depth: 18 cm (7.25 inches) - Sold as a kH with the pelvic homes included to support - obient is weight - Nore-Rice Litter] and Pelvic Homes - Sold as a kH with the pelvic homes included to support - bedients weight - Notient liter is precise and two-piece litters. Unit Models available for one-piece and two-piece litters - intuitive - Song as prime in the polvic homes sold charmes - Song as prime in the pelvic homes included to support - bedients weight - models available for one-piece and two-piece litters. Unit Models available for one-piece and two-piece litters. Notice to Song for iter in strenchard, and backboards - included stuff bags for iter in strenchard, and backboards - locided stuff bags for iter in strenchard, and backboards - locided stuff bags for iter in strenchard 10.6 eV - lamp (9.8 eV lomp in MFIA). Response litter: 3 seconds (190) Accuracy: 35% (10 calibration point) - Batter/Run fins: Rechargeable - Littium-bot Baller with 124 hours typical operation - Keypad: 4 Operation kers- Sampling Pump: Bull-In pump with 3 settings from 300 tor 33 comple from up to 100 ff, (30 m)- Displuy: 128 x 128 graphical LCD, 1.77 x 1.73 inches - (45 x 44 mm), with LED backlight for enhanced display- readcability - Display. The North Read-litter endime on onti- strest endificatin kers - Sampling Pump: Bull-In pump with 3 se					
becket -       Compatible with rope up to 13 mm (1/2 inch) -       1.5 inches PMP SS Pulley is compatible with rope or wire-coble -         cble -       Wult-FURPOSE DEVICE (WPD) -       unit -       3 -         color Red -       NFPA Roting (Polley, Bolay) Ceneral Use-       unit -       3 -         NFPA Roting (Polley, Bolay) Ceneral Use-       unit -       3 -         Statutes Stress Trees RSCUE UTER -       unit -       3 -         U. Classified to NFPA Standards – uiter -       unit -       3 -         Vertical Breaking Strength: 13.7 kN (3.080 lbf) -       Rescue Lifter Specifications:       Leagth: 12 cm (83.5 inches) -         Length: 12 cm (83.5 inches) -       Length: 12 cm (83.5 inches) -       unit -       3 -         Sold as kill with the pelvic Hamess -       Sold as kill with the pelvic Hamess -       Sold as sold with the pelvic Hamess -       Sold as sold with the pelvic Hamess -         Sold as a kill with the pelvic Hamess -       Components Polliters, and backboards.       Days apon issuance of Notice to Proceed we makes securing patient quick and - intuitive.       1         8       PATIENT ITE-IN STSTEM -       unit -       2 -         Color-coded web makes securing patient quick and - intuitive.       1       3 -         Sold as kill with the pelvic Hamess -       Color-coded web makes securing patient quick and - intuitive.       1         Son					
1.5 inches PMP SP Ulay is compatible with rope or wire- cable -       unit-         3.       inches PMP SP Ulay is compatible with rope or wire- cable -       unit-         3.       inches PMP SP Ulay is compatible with rope or wire- cable -       unit-         3.       inches PMP SP Ulay is compatible with rope or wire- cable -       unit-         3.       inches PMP SP Ulay is compatible with rope or wire- cable -       unit-         3.       inches PMP SP Ulay is compatible with rope or wire- cable -       unit-         3.       isgma M8S Pulay 46 kn (10.341 bb)-       issigma M8S Pulay 46 kn (10.341 bb)-         7       Status Streit RSCUE UITER -       unit-       3-         1.       U.Classified to NFAP Standcads - Litter-       unit-       3-         1.       U.Classified to NFAP Standcads -       unit-       3-         1.       U.Classified to NFAP Standcads -       unit-       3-         1.       U.Classified to NFAP Standcads -       unit-       3-         1.       Components Policient Tie-In System -       unit -       3-         1.       Components Policient Tie-In System -       unit -       3-         1.       Code coded web mokes securing patient quick and -       intuitive -       sum or sum					
1.5 inches PMP SS Pulley is compatible with rope or wire- coble					
coble -     coble -       6     MUTL-PURPOS DEVICE (MPD) -     unit-       7     Rope Stexish mm (1/2 inch) -     color Red -       NFPA Roting (Pulley, Boloy) General Use -     asigmo M85 Pulley, 86 log (Ceneral Use -       3 sigmo M85 Pulley, 46 kN (10.341 lbt) -     3 -       7     Stanues Stell, RSCUE UTTR: -     unit -       8     Calor MeTA Standards - Litter:     unit -       9     Stanues Stell, RSCUE UTTR: -     unit -       10     Classified to NFPA Standards - Litter:     unit -       11     Stanues Stell, RSCUE NTR: SNS 158 101 /     unit -       12     Components Patient Tie-In System -     unit -       13     Components Patient Tie-In System -     unit -       14     Components Patient Tie-In System -     unit -       15     PATEMT TEIN SYSTEM -     unit -       16     Color-coded web makes securing patient quick and -     inhuitive -       16     Color-coded web makes securing patient quick and -     inhuitive -       17     TECHNICAL AND SCIEMMENT CEQUIMENT     unit -       2     TECHNICAL AND SCIEMMENT CEQUIMENT     2       16     Patient Size Size Size Size Size Size Size Size					
6       MUIT-PURPOSE DEVICE (MPD) ~       unit       3.         6       NUT-PURPOSE DEVICE (MPD) ~       unit       3.         Color Red -m       1/2 inchi) ~       unit       3.         7       STANUESS STEEL RECEDUTTER       unit       3.         8       Components Policifications:       unit       3.         9       PATIENT TELNS SYSTEM       unit       3.         10 ad Rating: 11 KN (24.72 tot);       unit       3.         20 Calencare distribute to mere polient scomtaria       unit       3.         10 Components Policient Tie-in System       unit       3.         10 Calendare Distribute to mere polient quick and - intuitive.       unit       3.         10 Calendare Distribute to mere polient quick and - intuitive.       unit       2.         10 Cange (pps) to file-in strips and pelvic horness - technicade stuff bags for tie-in strips and pelvic horness - techoded stuff bags for tie-in					
Rope Size:13 mm (1/2 inch) -       Color Red -         NFPA Roting (Puley, Belay) General Use-       3:sigmo M85 Puley 46 kN (10,341 ib)-         7       STAINLESS STEL RESCUE LITTER -       unit '         9       Status 10 FPA Standards - Litter /       unit '         9       Status 10 FPA Standards - Litter /       unit '         9       Netro 10 Breaking Strength: 13.7 kN (3.080 ibf) -       Rescue Litter Specifications: -         10       Lenging Strength: 13.7 kN (3.080 ibf) -       Rescue Litter Specifications: -         10       Rescue Litter Specifications: -       unit '       3 -         10       Rescue Litter Specifications: -       unit '       3 -         10       Rescue Litter Specifications: -       unit '       3 -         10       Rescue Litter Specifications: -       unit '       3 -         10       Rescue Litter Specifications: -       unit '       3 -         10       Rescue Litter Specifications: -       unit '       3 -         10       Rescue Litter Specifications: -       unit '       3 -         10       Respondents Ration Tile.In System -       unit '       2 -         10       Respondents Ration Respondents Color C	6		unit-	3,	
<ul> <li>Color Red - NFFA Rating (Dulley, Balay) General Use- NFFA Rating (Descent Control) General Use- 3 sigm M85 Pulley 46 kN 10.341 lbf)-</li> <li>T STANLESS STEEL RESCUE LITTER UL Classified to NFPA Standard – Litter Vartical Breaking Strength: 2.4 KN 15.598 lbf)- Horizontal Breaking Strength: 2.17 kN 13.080 lbf) - Rescue Litter Specifications: - Length: 212 cm (B3.5 inches) - Depth: 18 cm (7.25 inches) - Load Rating: 11 kN 12,473 lbf)-</li> <li>8 PATENT TIE-IN SYSTEM - (One-Piece Litter) and Pelvic Harness - Sold as a kit with the pelvic harness - Sold as a kit with the pelvic harness - Sold as a kit with the pelvic harness - Color-coded web makes securing patient quick and - intuitive - Sinda pi ing closures save critical patient pockaging time- Compatible with litters, stretchers, and backboards - Included suft bags for file-in strags and pelvic harness - TECHNICAL AND SCIENTFIC EQUIPMENT</li> <li>P HOTO IONITATION DETECTOR- Viange (pm): 0.01-5.000 - Size: 91 x 2.9 x 2.2 inches (230 x 74 x 55 mm) (with bool)- Sensor: Photo-ionization sensor with standard 10.6 eV - Iamg (9.8 eV Iamp in MP186) - Response time: 3 decond (190) - Accuracy; ±3% (at calibration point) - Battery/Run time: Rechargeable - Lithium-ion battery with 2 Ahous typical operation - Keypad: 4 Operation keys - Samping Pump: Buil-in pump with 3 settings from 300 tor 430 cc/min - Samping Pump: Buil-in pump with 3 settings from 300 tor 430 cc/min - Samping Pump: Buil-in pump with 3 settings from 300 tor 430 cc/min - Samping Pump: Buil-in pump with 3 settings from 300 tor 430 cc/min - Samping Fump: Reaking Figure addime of alarm conditions- plus, witeiss render Lamp point (16 an)- Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches - 44 x 4 mm), with HED backlight for enhanced display- read bbili/</li></ul>			••••	- /	
NPFA Roting (Pulley, Balay) General Use- 3 sigma MBS Pulley 46 kN 110.341 lb1)-       unit 3*         7       STANLESS STEEL RESCUE LITTER - UL Classified to NFFA Standards – Litter - Vertical Breaking Strength: 12.3 / KN 15.98 lb1) - Hoizzonala Breaking Strength: 13.7 kN 13.080 lb1 - Rescue Litter Specifications: - Length: 212 cm (B3.5 inches) - Width: 58 cm (72.5 inches) - Load Roting: 11 kN 12.473 lb1) - Depth: 18 cm (72.5 inches) - Load Roting: 11 kN 12.473 lb1) - Components Patient Tie-In System - (One-Piece Litter) and Pelvic Hamess - Sold as a kit with the pelvic hamess included to support - patient's weight - Color-coded web makes securing patient quick and - intuitive - Snap ring clasures save critical patient packaging time- Color-coded web makes securing patient quick and - intuitive - State State Code State State State State State State State State Color-coded web makes securing patient quick and - intuitive - State State State Color-coded web makes securing patient quick and - intuitive - State State					
3 sigma MBS Pulley 46 kM (10.341 lb)'.       unit '         7       51 MLRSS STEEL RESCUE LITTER -       unit '         9       Vertical Breaking Strength: 13.7 kM (3.080 lbf) -       a'         Hairson and Breaking Strength: 13.7 kM (3.080 lbf) -       a'       a'         Height 212 cm (8.5) inches) -       unit -       3 -         Deable: 18 cm (7.25 inches) -       unit -       3 -         Components Ratient Tie-In System -       unit -       3 -         Components Ratient Tie-In System -       unit -       3 -         Components Ratient Tie-In System -       unit -       3 -         Ightweight and adjustable to meet patient's comfort-       gainet sweight -       Models available for one-piece litters -         Ughtweight and adjustable to meet patient's comfort-       requirements -       Compatible with litters, stretchers, and backboards -         Compatible with litters, stretchers, and backboards -       Included suff bags for tie-in strags and pelvic harness -       Notice to         9       Photo IoNIZATION DETECTOR -       unit -       2 -         VOC range (ppm): 0.01-5.000 -       Size: 9.1 x 2.9 x 2.2 Inches (220 x 74 x 55 mm) (with boot)-       Size: 9.1 x 2.9 x 2.1 chches (220 x 74 x 55 mm) (with boot)-         Size: 9.1 x 2.9 x 2.2 Inches (220 x 74 x 55 mm) (with boot)-       Size: 9.1 x 2.9 x 2.1 chches (220 x 74 x 55 mm) (with boot)-		NFPA Rating (Pulley, Belay) General Use-			
7       UL Classified to NFPA Standards - Litter/ Vertical Breaking Strength: 24.9 KN (5.598 lbf) / Horizontal Breaking Strength: 24.9 KN (5.598 lbf) / Horizontal Breaking Strength: 24.9 KN (5.598 lbf) / Horizontal Breaking Strength: 24.9 KN (5.598 lbf) / Rescue Litter Specifications / Length: 212 cm (83.5 inches) - Width: 58 cm (7.25 inches) / Depth: 18 cm (7.25 inches) / Coad Rating: 11 kN (2.473 lbf) / Rescue Litter Specifications / Components Patient Tie-In System / (One-Piece Litter) and Pelvic Harness included to support / patient's weigh / Models available for one-piece and two-piece litters, Lightweight and adjustable to meet patient's comfort- requirements - Color-coded web makes securing patient quick and - intuitive - Stad pring closures save critical patient packaging time- Compatible with litters, stretchers, and backboards. Included stuff bags for fie-in straps and pelvic harness - Side 30 fb (200 K274 x 55 mm) (with boot)- Size: 91 x 2.9 x 2.1 inches (230 x 74 x 55 mm) (with boot)- Size: 91 x 2.9 x 2.1 inches (230 x 74 x 55 mm) (with boot)- Size: 91 x 2.9 x 2.1 inches (230 x 74 x 55 mm) (with boot)- Size: 91 x 2.9 x 2.1 inches (230 x 74 x 55 mm) (with boot)- Size: 91 x 2.9 x 2.1 inches (230 x 74 x 55 mm) (with boot)- Size: 91 x 2.9 x 2.1 inches (230 x 74 x 55 mm) (with boot)- Size: 91 x 2.9 x 2.1 inches (230 x 74 x 55 mm) (with boot)- Size: 91 x 2.9 x 2.1 inches (230 x 74 x 55 mm) (with boot)- Size: 91 x 2.9 x 2.1 inches (230 x 74 x 55 mm) (with boot)- Size: 91 x 2.9 x 2.1 inches (230 x 74 x 55 mm) (with boot)- Size: 91 x 2.9 x 2.1 inches (230 x 74 x 55 mm) (with boot)- Size: 91 x 2.9 x 2.1 inches (230 x 74 x 55 mm) (with boot)- Size: 91 x 2.9 x 2.1 inches (230 x 74 x 55 mm) (with boot)- Size: 91 x 2.9 x 2.1 inches (230 x 74 x 55 mm) (with boot)- Size: 91 x 2.9 x 2.1 inches (230 x 74 x 55 mm) (with boot)- Size: 91 x 2.9 x 2.1 inches (230 x 74 x 55 mm) (with boot)- Size: 91 x 2.9 x 2.1 inches (230 x 74 x 55 mm) (with boot)- Size: 91 x 2.9 x 2.1 inches (230 x		NFPA Rating (Descent Control) General Use -			
UL Classified to NIPA Standards – Litter/ Vertical Breaking Strength: 13.7 kN (3.080 lbf) / Horizantal Breaking Strength: 13.7 kN (3.080 lbf) / Rescue Litter Specifications: Depth: 18 cm (2.36 inches) / Width: 38 cm (23 inches) / Width: 38 cm (23 inches) / Uoad Rating: 11 kN (2.473 lbf) / Components Patient Tie-In System / [One-Flece Litter] and Pelvic Hamess / Sold as a kit with the pelvic hamess / Depth: 18 cm (7.26 inches) / Components Patient Tie-In System / [One-Flece Litter] and Pelvic Hamess / Sold as a kit with the pelvic hamess / Collor-coded web makes securing patient quick and / inituitive -       unit / 3 /       3 /         8       PATENT NESS Sold as a kit with the pelvic hamess included to support / patient's weight / Collor-coded web makes securing patient quick and / inituitive -       unit / 2 /       3 /         9       PhotO IoNIATION DETECTOR / VOC range (ppm): 0.01-S000 / Size: 9.1 x 2.9 x 2.2 inches (230 x 74 x 55 mm) (with bool)/ Sensor: Photo-lonization point) / Battery/Kun time: Rechargeable / Lithium-onb othery with 24 hours typical operation - Keypad: 4 Operation keys / Sampling Pump: Buill-in pump with 3 settings from 300 tor 430 occ/min       2 /         9       Photo IoNIXATION DETECTOR / VOC range (ppm): 0.01-S000 / Size: 9.1 x 2.9 x 2.2 inches (230 x 74 x 55 mm) (with bool)/ Sensor: Photo-lonization point) / Battery/Kun time: Rechargeable / Lithium-onb othery with 24 hours typical operation - Keypad: 4 Operation keys / Sampling Pump: Buill-in pump with 3 settings from 300 tor 430 occ/min       2 /         Yect readout: Real-line reading of gas concentration- (pb, ppm, mg/m3, µg/m3, PID measurement gas and- correction factor, lomp on/off, Man-Down alorm on/i (fb, battery status, pump status, data logging on/off. wireless noliff. temperature and time - Alorm: Audible (		3 sigma MBS Pulley 46 kN (10,341 lbf) -			
Vertical Breaking Strength: 24.9 KN (5.598 lbf) / Horizontal Breaking Strength: 13.7 kN (3.080 lbf) / Rescue Litter Specifications : Length: 212 cm (83.5 inches) / Depth: 18 cm (7.25 inches) / Depth: 18 cm (7.25 inches) / Depth: 18 cm (7.25 inches) / Components Patient Tie-In System / Color-Coded web mokes securing patient quick and - intuitive / Snap ring closures are critical patient packaging time- Color-Coded web mokes securing patient quick and - included stuff bags for tie-in straps and pelvic homess / Included stuff bags for tie-in straps and pelvic homess / Included stuff bags for tie-in straps and pelvic homess / Included stuff bags for tie-in Straps and pelvic homess / Included stuff bags for tie-in Straps and pelvic homess / Included stuff bags for tie-in Straps and pelvic homess / Included stuff bags for tie-in straps and pelvic homess / Included stuff bags for tie-in straps and pelvic homess / Included stuff bags for tie-in straps and pelvic homess / Included stuff bags for tie-in straps and pelvic homess / Included stuff bags for tie-in straps and pelvic homess / Included stuff bags for tie-in straps and pelvic homess / Included stuff bags for tie-in straps and pelvic homess / Included stuff bags for tie-in straps and pelvic homess / Included stuff bags for tie-in straps and pelvic homess / Imm (9.8 eV lamp in MP186) - Response time : seconds (190) - Accuracy: ±3% (cf calibration point) - Battery/Kun time: Rechargeable - Lithitum-ion battery with 24 hours typical operation - Keypad: 120 k 128 graphical (CD. 1.77 x 1.73 inches / 145 x 44 mm), with LED backlight for enhanced display- readability - Dieat readout: Real-lime reading of gas concentration- (gob, ppm. mg/m3, µg/m3). PD measurement gas and- correction factor, lamp on/off. Man-Down alarm on/fi- dit, batt	7	STAINLESS STEEL RESCUE LITTER	unit 1	3-	
<ul> <li>Horizontal breaking Strength: 13.7 kN (3.080 lbf) - Rescue Litter Specifications: - Length: 212 cm (83.5 inches) - Widh: 35 cm (23 inches) - Depth: 18 cm (2.7 sc) inches) - Load Rating: 11 kN (2.473 lbf) - Components Patient Tie-In System - (One-Priece Litter) and Pelvic Hamess - Sold as a kit with the pelvic hamess included to support - patient's weight - Madets available for one-piece and two-piece litters, Lightweight and adjustable to meet patient's comfort- requirements - Color-coded web makes securing patient quick and - intuitive - Snap ring closures save critical patient packaging time- Compatible with titlers, stretchers, and backboards - Included suft bags for tie-in straps and pelvic hamess - TECHNICAL AND SCIENTIFIC EQUIPMENT - VOC range (ppm): 0.01-5000 - Size: 9.1 x 2.9 x 2.2 inches (230 x 74 x 55 mm) (with boot)- Sensor: Photo-Ionization sensor with standard 10.6 eV - lom (9.8 eV lamp in MP186) - Response time: 3 seconds (190) - Accuracy: <u>360</u> (cd calibration point) - Battery/Run time: Rechargeable - Lithium-ion battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 tor 430 cc/min Sample from up to 100 ft. (30 m)- Dispiny: 128 x 128 graphical (LD, 1.77 x 1.73 inches - (45 x 44 mm), with LED backlight for enhanced display- readability - Marm: Audible (95 dB 30 cm), visual (flashing bright - Adm: Audible (95 dB 30 cm), visual (flashing bright - Adm: Audible (95 dB 30 cm), visual (flashing bright - Adm: Audible (95 dB 30 cm), visual (flashing bright - Adm: Audible (95 dB 30 cm), visual (flashing bright - Adm: Audible (95 dB 30 cm), visual (flashing bright - Adm: Audible (95 dB 30 cm), visual (flashing bright - Adm: Audible (95 dB 30 cm), visual (flashing bright - Adm: Audible (95 dB 30 cm), visual (flashing bright - High, Low, TWA and STEL alarms - Over range alarm, battery low alarm -/ Man-Down alarm with pre-alarm and real-time re-mate-/ wireless notification -</li> </ul>					
Rescue Litter Specifications: -       Length: 212 cm (83.5 inches) ~         Uppth: 18 cm (7.25 inches) ~       Unit -         8       Components Patient Tie-In System ~       Unit -         9       PATIENT TIE-IN SYSTEM -       Unit -         1001       Components Patient Tie-In System ~       Unit -         11       Conceriece Litter) and Pelvic Harness included to support -       Joint Sweight -         11       Models available for one-piece and two-piece litters -       Unit -       3 -         12       Color-coded web makes securing patient quick and -       insume of       Notice to         11       Program Bio System Stretchers, and backboards-       Proceed       Notice to         11       TECHNICAL AND SCIENTIFIC EQUIPMENT *       Unit -       2 -         9       PHOTO IONIZATION DETECTOR +       Unit -       2 -         12       VOC range (ppm): 0.01-5.000 -       Ster: 9.1 x 2.9 x 2.2 inches (230 x 74 x 55 mm) (with bool)-       Ser: 9.1 x 2.9 x 2.2 inches (230 x 74 x 55 mm) (with bool)-       2 -         13       PHOTO IONIZATION DETECTOR +       Unit -       2 -       2 -         14       Photo Ionizations pacint -       Stering 1.9 mony with 3 settings from 300 to -       3 -         15       Sering 1.9 mony with 3 settings from 300 to -       4 -       4 -	}				
Length: 212 cm (83.5 inches) - Width: 58 cm (7.25 inches) - Lead Rolling: 11 kN (2.473 lbf) - Components Patient Tie-In System - (One-Piece Litter) and Pelvic Hamess - Sold as a kit with the pelvic hamess included to support - patient's weight - Models available for one-piece and two-piece litters, Lightweight and adjustable to meet patient's comfort- requirements - Color-coded web makes securing patient quick and - intuitive - Snap ring closures save critical patient packaging time- Compatible with litters, stretchers, and backboards- Included stuff bags for tie-in straps and pelvic harmess - Included stuff bags for tie-in straps and pelvic harmess - State: 91 x.2.9 x.2.2 inches (200 x.74 x.55 mm) (with boot)- Sensor: Photo-ionization persor with standard 10.6 eV - lamp (9.8 eV lamp in MP186) - Response time: 3 seconds (190). Accuracy: ±3% (at calibration point) - Battery/Run time: Rechargeable - Lithium-Ion battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Bull-in pump with 3 settings from 300 lor 430 cc/min- Sampling Pump: Bull-in pump with 3 settings from 300 lor 430 cc/min- Sample from up to 100 ft, (30 m)- Disploy: 128 x 128 graphical LCD. 1.77 x 1.73 inches - (45 x 44 mm), with LED backlight for enhanced display- readability - Direct readout: Real-time reading of gas concentration- (pbp.ppm, mg/M3.yg/M3).PID measurement gas and- correction factor, Iamp on/off, Man-Down alarm on/- off, battery storus, pump status, data logging on/off,- wireless on/off, temperature and time - Alarm: Audible (95 dB @ 30 cm), visual (Rushing bright - red LED), and onscreen indication of alarm conditions- plus, wireless remote alarm nolfication / High, Low. TWA and STEL alarms - Over range alarm, battery low alarm - Man-Down alarm with pre-alarm and real-time re-molez- wireless nolfication / High, Low. TWA and STEL alarms -					
Widh: 58 cm (23 inches) ~					
Depth: 18 cm [7.25 inches)       unit -         8       PATIENT TIE-IN SYSTEM -       unit -         8       Components Patient Tie-In System -       unit -       3 -         9       PATIENT TIE-IN SYSTEM -       unit -       3 -         9       Models available for one-piece and two-piece litters, lightweight and adjustable to meet patient scomfort-requirements -       Days upon issuance of Notice to Color-coded web makes securing patient quick and -       insume of Notice to Pase and the patient scomfort-requirements -         9       Color-coded web makes securing patient quick and point logg for tie-in straps and pelvic harmess -       unit -       2 -         9       PHOTO IONIZATION DEFECTOR -       unit -       2 -         9       PHOTO IONIZATION DEFECTOR -       unit -       2 -         10 Sensor: Photo-ionization sensor with standard 10.6 eV -       unit -       2 -         10 mp [9.8 eV tamp in MP186] -       Response time: 3 seconds (190).       Accuracy: ±3% (at calibration point) -       Battery/Run time: Rechargeable -       Utitum-mon battery with 24 hours typical operation -         10 biploy: 128 x 128 graphical LCD. 1.77 x 1.73 inches -       (45 x 44 mm) m/m3, g/m3). PID measurement gas and-correction factor, tamp on/off, Man-Down alarm on/-       if battery with LED backlight for enhanced display-recadability -         Display: 128 x 128 graphical LCD. 1.77 x 1.73 inches -       (45 x 44 mm) with LED backlight for		• • •			
Load Rating: 11 kN (2,473 lbf)~       unit					
8       PATIENT TE-IN SYSTEM - Components Patient Tie-In System - (One-Piece Litter) and Pelvic Hamess - Sold as a kit with the pelvic hamess included to support - patient's weight - Models available for one-piece and two-piece litters - Lightweight and adjustable to meet patient's comfort - requirements - Color-coded web makes securing patient quick and - intuitive - Snap ring closures save critical patient packaging time- Compatible with litters, stretchers, and backboards- Included stuff bags for lie-in straps and pelvic hamess - Included stuff bags for lie-in straps and pelvic hamess - Included stuff bags for lie-in straps and pelvic hamess - Included stuff bags for lie-in straps and pelvic hamess - Included stuff bags for lie-in straps and pelvic hamess - Included stuff bags for lie-in straps and pelvic hamess - Included stuff bags for lie-in straps and pelvic hamess - Included stuff bags for lie-in straps and pelvic hames - Included stuff bags for lie-in straps and pelvic hames - Included stuff bags for lie-in straps and pelvic hames - VOC range (ppm): 0.01-5.000 - Size: 9.1 x 2.9 x 2.2 inches (230 x 74 x 55 mm) (with boot)/- Sensor: Photo-lonization sensor with standard 10.6 eV - Iamp (9.8 eV Iamp in MP186) - Response time: 3 seconds (190). Accuracy: ±3% (at calibration point) - Battery/Run time: Rechargeable - Lithium-ton battery with 2.4 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 tor 430 cc/min - Sample from up to 100 ft. (30 m)- Disploy: 128 x 128 graphical LCD, 1.77 x 1.73 inches - (45 x 44 mm), with LED backlight for enhanced display- readability - Direct readout: Real-lime reading of gas concentration- (pob, ppm, mg/m3, µg/m3). PID measurement gas and- correction factor, lamp on/off, Man-Down alarm ondifons- plus, wireless remote alarm notification - Man-Down alarm with pre-aladiam - Man-Down alarm with pre-aladiam - Man-Down alarm with pre-aladiam - Wan-Down alarm with pre-aladiam - Wan-Down ala					
Components Patient Tie-In System - (One-Piece Litter) and Pelvic Harness included to support - patient's weight - Models available for one-piece and two-piece litters - Lightweight and adjustable to meet patient's comfort- requirements - Color-coded web makes securing patient quick and - intuitive - Song fing closures save critical patient packaging time- Compatible with litters, stretchers, and backboards- Included stuff bags for fie-in straps and pelvic harness - TECHNICAL AND SCIENTIFIC EQUIPMENT ^       Within Thirty (30) Calendar Days upon issuance of Notice to Proceed         9       PHOTO IONIZATION DETECTOR - VOC range (ppm): 0.01-5.000 - Size: 9.1 x 2.9 x 2.2 inches (230 x 74 x 55 mm) (with boot)- Sensor: Photo-Ionization sensor with standard 10.6 eV - lamp (9.8 eV lamp in MP186) - Response time: 3 seconds (190). Accuracy: 43% (at calibration point) - Battery/Run time: Rechargeable - Lithium-Ion battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 tor 430 cc/min - Sample from up to 100 ft, (30 m)- Display: 128 x 128 graphical LCD 1.77 x 1.73 inches - (45 x 44 mm), with LED backlight for enhanced display- readability - Direct readout: Red-lime reading of gas concentration- (ppb, ppm, mg/m3, µg/m3), PID measurement gas and- correction factor, lamp on/off, Man-Down alorm on/- off, battery status, pump status, data logging on/off, wireless on/off, temperature and time - Alarm: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication of alarm conditions- plus, wireless remote alarm notification - High, Low, TWA and STEL alarms - Over range alarm, battery low alarm - Man-Down alarm with pre-alarm and read-time re-mote- wireless notification -					
<ul> <li>(One-Piece Lifter) and Pelvic harness ·</li> <li>Sold as a kit with the pelvic harness included to support - patient's weight -</li> <li>Models available for one-piece and two-piece lifters - Lightweight and adjustable to meet patient's confort-requirements -</li> <li>Color-coded web makes securing patient quick and - intuitive -</li> <li>Snap ring closures save critical patient packaging time-Compatible with lifters, stretchers, and backboards - Included stuff bags for the in strags and pelvic harness -</li> <li>TECHNICAL AND SCIENTIFIC EQUIPMENT -</li> <li>PHOTO IONIZATION DETECTOR -</li> <li>VOC range (ppm): 0.01-5.000 -</li> <li>Size: 9.1 x.2, 9 x.2, 2: Inches (230 x 74 x 55 mm) (with boot)-Sensor: Photo-ionization sensor with standard 10.6 eV -</li> <li>larm (9.8 eV lamp in MP186) -</li> <li>Response lime: 3 seconds (190) -</li> <li>Accuracy: ±3% (at calibration point) -</li> <li>Battery/Run time: Rechargeable -</li> <li>Lifthium-lon battery with 24 hours typical operation -</li> <li>Keypad: 4 Operation keys -</li> <li>Sampling Pump: Built-in pump with 3 settings from 300 tor</li> <li>430 cc/min -</li> <li>Sampling Fump: Built-ing pump with 3 settings from 300 tor</li> <li>432 cc/min -</li> <li>Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches -</li> <li>(45 x 44 mm), with LED backlight for enhanced display-readbility -</li> <li>Direct readout: Real-time reading of gas concentration (ppb, ppm, mg/m3, µg/m3). PID measurement gas and-correction factor, lamp on/off, Man-Down alorm on/-</li> <li>off, battery status, pump status, data logging on/off, wireless on/off, temperature and lime -</li> <li>Alorm: Audible (95 dB &amp; 00 cm), visual (flashing bright - red LEDs), and onscreen indication of alarm conditions-</li> <li>plus, wireless remote alarm notification -</li> <li>Man-Down alarm with pre-alarm and real-time re-motez wireless notiffication -</li> <li>Wireless notification -</li> </ul>	8		Unit -	3-	
Sold as a kit with the pelvic harness included to support -       patient's weight -         Models available for one-piece and two-piece litters,       Uightweight and adjustable to meet patient's comfort-         requirements -       Calor-coded web makes securing patient quick and -         inhuitive -       Snap ring closures save critical patient packaging time-         Compatible with litters, stretchers, and backboards-       Included stuff bags for tie-in straps and pelvic harness -         Included stuff bags for tie-in straps and pelvic harness -       Included stuff bags for tie-in straps and pelvic harness -         PHOTO IONIZATION DETECTOR -       unit -       2 -         VOC range (ppm): 0.01-5.000 -       Size: 9.1 x 2.9 x 2.2 inches (230 x 74 x 55 mm) (with boot)-       2 -         Sensor: Photo-lonization sensor with standard 10.6 eV -       larmp (9.8 eV lamp in MP186) -       unit -       2 -         Response time: 3 seconds (190)-       Accuracy: ±3% (at calibration point) -       Battery/Run time: Rechargeable -       unit -       2 -         Lithium-Ion battery with 24 hours typical operation -       Keypad: 4 Operation keys -       Sampling Pump: Built-in pump with 3 settings from 300 to-       430 cc/min-         Sampling Pump: Built-in pump status, data logging on/off, wireless on/off, temperature and lime -       At amm on -       off. battery status, pump status, data logging on/off, wireless on/off, temperature and lime -       Alarm: Audible (75 dB & 30 cm), visual (f					
patient's weight -       Models available for one-piece and two-piece litters,       Within Thirty         Lightweight and adjustable to meet patient's comfort-requirements -       Color-coded web makes securing patient quick and -       Within Thirty         Color-coded web makes securing patient quick and -       Intuilive.       Notice to         Snap ring closures save critical patient packaging time-       Notice to         Compatible with litters, stretchers, and backboards.       Included stuff bags for fie-in straps and pelvic harness -         TECHNICAL AND SCIENTIFIC EQUIPMENT -       VOC range (ppm): 0.01-5.000 -         Size: 9.1 x 2.9 x 2.2 inches (230 x 74 x 55 mm) (with boot)-       Sensor: Photo-ionization sensor with standard 10.6 eV -         Iamp (9.8 eV lamp in MP186) -       Response time: 3 seconds (190).         Accuracy: ±3% (at calibration point) -       Battery/Run time: Rechargeable -         Lithium-Ion battery with 24 hours typical operation -       Keypad: 4 Operation keys -         Sampling Pump: Built-in pump with 3 settings from 300 tor 430 cc/min -       Sampling Pump: Built-in pump with 3 settings from 300 tor 430 cc/min -         Display: 128 x 128 graphical LCD.       .77 x 1.73 inches -       [45 x 44 mm], with LED backlight for enhanced display-readability -         Direct readout: Read-lime reading of gas concentration (ppb, ppm, mg/m3, µg/m3), PID measurement gas and-correction factor, Iamp on/off. Man-Down alarm conditions-plus, wireless norded alorm notification -       Alarm: Audib		, , ,			
Models available for one-piece and two-piece litters, Lightweight and adjustable to meet patient's comfort- requirements -       Within Thirty (30) Calendar         Color-coded web makes securing patient quick and - intuitive -       Snap ring closures save critical patient packaging time- Compatible with litters, stretchers, and backboards.       Notice to Proceed         TECHNICAL AND SCIENTIFIC EQUIPMENT <sup>-</sup> unit -       2 ×         9       Photo IoNIZATION DETECTOR / VOC range (ppm): 0.01-5.000 > Size: 9.1 x 2.9 x 2.2 inches (230 x 74 x 55 mm) (with boot)- Sensor: Photo-ionization sensor with standard 10.6 eV / lamp (9.8 eV lamp in MP186) - Response time: 3 seconds (190). Accuracy: ±3% (at colloration point) - Battery/Run time: Rechargeable - Lithium-lon battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 tor 430 cc/min- Sample from up to 100 ft. (30 m)- Display: 128 x 128 graphical LCD. 1.77 x 1.73 inches / [45 x 44 mm], with LED backlight for enhanced display- readability - Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, pg/m3), PID measurement gas and- correction factor, lamp con/off. Man-Down alarm on/ - Off, bottery status, pump status, data logging on/off, wireless on/off, temperature and time - Nator: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication of alarm conditions- plus, wireless remote alarm notification / High. Low, TWA and STEL alarms - Over range clam, bottery low alarm s					
Lightweight and adjustable to meet patient's comfort- requirements -       (30) Calendar         Color-coded web makes securing patient quick and - intuitive -       (30) Calendar         Snap ring closures save critical patient packaging time- Compatible with litters, stretchers, and backboards- Included stuff bags for tie-in straps and pelvic harness -       Notice to         Photo IONIZATION DETECTOR       unit-       2 -         VOC range (ppm): 0.01-5,000 -       size: 9.1 x.2, 9 x.2.2 inches (230 x 74 x 55 mm) (with boot)- Sensor: Photo-ionization sensor with standard 10.6 eV - lamp (9.8 eV lamp in MP186) - Response time: 3 seconds (190) - Accuracy: ±3% (at calibration point) - Battery/Run time: Rechargeable - Lithium-lon battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 to- 430 cc/min - Sample from up to 100 ft. (30 m)- Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches - (45 x 44 mm), with LED backlight for enhanced display- recadability - Direct readout: Real-time reading of gas concentration- (pbb, ppm, mg/m3, µg/m3). PID measurement gas and- correction factor, lamp on/off, Man-Down alarm on/ - off, battery status, pump status, data logging on/off,- wireless on/off, temperature and time - Alarm: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication of alarm conditions- plus, wireless remote alarm notification / High, Low, IWA and STEL alarms - Over range clarm, battery low alarm - Man-Down alarm with pre-alarm and real-time re-mote- wireless notification / High, now.       V		· · · · · · · · · · · · · · · · · · ·			
requirements -       (30) Calendar         Color-coded web makes securing patient quick and -       intritive-         Snap ring closures save critical patient packaging time-       Days upon         Compatible with litters, stretchers, and backboards-       Notice to         Included stuff bags for the-in straps and pelvic harness -       Proceed <b>7</b> PHOTO IONIZATION DETECTOR -       unit -         VOC range (ppm): 0.01-5.000 -       size 9.1 x 2.9 x 2.2 inches (230 x 74 x 55 mm) (with boot)-       Sensor: Photo-Ionization sensor with standard 10.6 eV -         Sensor: Photo-Ionization sensor with standard 10.6 eV -       Iamp (9.8 eV Iamp in MP186) -       Response time: 3 seconds (190)-         Accuracy: ±3% (at calibration point) -       Bottery/Run time: Rechargeable -       Lithium-Ion battery with 24 hours typical operation -         Keypad: 4 Operation keys -       Sample from up to 100 ft. (30 m)-       Display: 128 x 128 graphical LCD. 1.77 x 1.73 inches -         (45 x 44 mm), with LED backlight for enhanced display-       readability -       Direct readout: Real-time reading of gas concentration-         (ppb, ppm, mg/m3, µ/m3), µ/m3), µD measurement gas and -       Alarm: Audible (95 dB @ 30 cm), visual (flashing bright -         red LEDs), and onscreen indication of alarm conditions-       play, wireless remote alarm notification /         High, Low, TWA and STEL alarms -       Over range clarm, battery low alarm -					
Color-coded web makes securing patient quick and - intuitive - Snap ring closures save critical patient packaging time- Compatible with litters, stretchers, and backboards. Included stuft bags for tie-in straps and pelvic harness · TECHNICAL AND SCIENTIFIC EQUIPMENT · PHOTO IONIZATION DETECTOR · unit 2 · VOC range (ppm): 0.01-5.000 · Size: 9.1 x 2.9 x 2.2 inches (230 x 74 x 55 mm) (with boot)- Sensor: Photo-lonization sensor with standard 10.6 eV · Iomp (9.8 eV Iomp in MP186) · Response time: 3 seconds (190) · Accuracy: ±3% (at calibration point) · Battery/Run time: Rechargeable ~ Lithium-Ion battery with 24 hours typical operation · Keypad: 4 Operation keys · Sampling Pump: Built-in pump with 3 settings from 300 tor 430 cc/min · Sample from up to 100 ft. (30 m)- Display: 128 x 128 graphical LCD. 1.77 x 1.73 inches · (45 x 44 mm), with LED backlight for enhanced display- readability · Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3), PID measurement gas and- correction factor, lamp on/off, Man-Down alarm on/ - off, battery status, pump status, data logging on/off. wireless on/off, temperature and time - Alarm: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication of alarm conditions- plus, wireless remote alarm notification / High, Low, TWA and STEL alarms · Over range alarm, battery low alarm / Man-Down dlarm with pre-alarm and real-time re-mote/ wireless notification / High, Low, TWA and STEL alarms ·		·			(30) Calendar
intuitive -       insume of         Snap ring closures save critical patient packaging time- Compatible with litters, stretchers, and backboards- Included stuff bags for tie-in straps and pelvic harness *       issuance of         PHOTO IONIZATION DETECTOR*       unit*       2 *         YOC range (ppm): 0.01-5,000 ×       size: 9.1 x 2.9 x 2.2 inches (230 x 74 x 55 mm) (with boot)*       sensor: Photo-lonization sensor with standard 10.6 eV *         Jamp 19, 8 eV lamp in MP186) -       Response time: 3 seconds (190)-       Accuracy: 43% (at calibration point) *         Battery/Run time: Rechargeable ~       Lithium-Ion battery with 24 hours typical operation *         Keypad: 4 Operation keys ~       Sampling Pump: Built-in pump with 3 settings from 300 to*         Sampling Pump: Built-in pump with 3 settings from 300 to*       430 cc/min *         Sample from up to 100 ft. (30 m)-       Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches *         Direct readout: Real-time reading of gas concentration-       (pb, ppm, mg/m3, µg/m3), PID measurement gas and-         correction factor, lamp on/oft, Man-Down alarm on/ -       off, battery status, pump status, data logging on/off, wireless on/off, temperature and time *         Alarm: Audible (95 dB @ 30 cm), visual (flashing bright -       red LEDs), and onscreen indication of alarm conditions-         plus, wireless remote alarm notification *       High, Low, TWA and STEL alarms -         Over range alarm, battery low alarm *       Man-Down alarm					Days upon
Compatible with lifters, stretchers, and backboards. Included stuff bags for tie-in straps and pelvic harness -       Proceed         9       PHOTO IONIZATION DETECTOR -       unit -       2 -         VOC range (ppm): 0.01-5,000 -       Size: 9.1 x 2.9 x 2.2 inches (230 x 74 x 55 mm) (with boot)-       Sensor: Photo-ionization sensor with standard 10.6 eV -         Iamp (9.8 eV lamp in MP186) -       Response time: 3 seconds (190)-       Accuracy: ±3% (at calibration point) -       Battery/Run time: Rechargeable -         Lithium-ion battery with 24 hours typical operation -       Keypad: 4 Operation keys -       Sampling Pump: Built-in pump with 3 settings from 300 tor 430 cc/min -         Sample from up to 100 ft. (30 m)-       Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches -       (45 x 44 mm), with LED backlight for enhanced display-         readability -       Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches -       Alarm: Audible (95 dB @ 30 cm), visual (flashing bright -         Alarm: Audible (95 dB @ 30 cm), visual (flashing bright -       red LEDs), and onscreen indication of alarm conditions-         plus, wireless remote alarm notification -       High, Low, TWA and STEL alarms -       Over range alarm, battery low alarm -         Man-Down alarm with pre-alarm and real-time re-mote -       wireless notification -       High, Low, TWA and STEL alarms -					issuance of
Included stuff bags for fie-in straps and pelvic harness -         TECHNICAL AND SCIENTIFIC EQUIPMENT -         9       PHOTO IONIZATION DETECTOR -         VOC range (ppm): 0.01-5,000 -         Size: 9.1 x 2.9 x 2.2 inches (230 x 74 x 55 mm) (with boot)-         Sensor: Photo-ionization sensor with standard 10.6 eV -         lamp (9.8 eV lamp in MP186) -         Response time: 3 seconds (190).         Accuracy: ±3% (at calibration point) -         Battery/Run time: Rechargeable -         Lithium-lon battery with 24 hours typical operation -         Keypad: 4 Operation keys -         Sampling Pump: Built-in pump with 3 settings from 300 tor         430 cc/min-         Sample from up to 100 ft. (30 m)-         Display: 128 x 128 graphical LCD. 1.77 x 1.73 inches -         (45 x 44 mm), with LED backlight for enhanced display-         readability -         Direct readout: Real-time reading of gas concentration-         (pb, pp, mm, mg/m3, µg/m3). PID measurement gas and-         correction tactor, tamp on/off, Man-Down alarm on/-         off, battery status, pump status, data lagging on/off         wireless on/off, temperature and time -         Alarm: Audible (95 dB @ 30 cm), visual (flashing bright -         red LEDs), and onscreen indication of alarm conditions-         plus. wireless remote alarm notification -		Snap ring closures save critical patient packaging time-			Notice to
TECHNICAL AND SCIENTIFIC EQUIPMENT -         9       PHOTO IONIZATION DETECTOR / VOC range (ppm): 0.01-5,000 / Size: 9.1 x 2.9 x 2.2 inches (230 x 74 x 55 mm) (with boot)- Sensor: Photo-ionization sensor with standard 10.6 eV / lamp (9.8 eV lamp in MP186) / Response time: 3 seconds (190)- Accuracy: ±3% (at calibration point) / Battery/Run time: Rechargeable / Lithium-Ion battery with 24 hours typical operation - Keypad: 4 Operation keys / Sampling Pump: Built-in pump with 3 settings from 300 tor 430 cc/min / Sample from up to 100 ft. (30 m)- Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches / (45 x 44 mm), with LED backlight for enhanced display- readability / Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3). PID measurement gas and- correction factor, lamp on/off, Man-Down alarm on/ - off, battery status, pump status, data logging on/off., wireless on/off, temperature and time - Alarm: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication of alarm conditions- plus, wireless remote alarm notification / High, Low, TWA and STEL alarms - Over range alarm, battery low alarm -/ Man-Down alarm with pre-alarm and real-time re-mote / wireless notification ,		Compatible with litters, stretchers, and backboards-			Proceed
9       PHOTO IONIZATION DETECTOR / VOC range (ppm): 0.01-5.000 / Size: 9.1 x 2.9 x 2.2 inches (230 x 74 x 55 mm) (with boot)- Sensor: Photo-ionization sensor with standard 10.6 eV / Iamp (9.8 eV Iamp in MP186) / Response time: 3 seconds (190) / Accuracy: ±3% (at calibration point) / Battery/Run time: Rechargeable / Lithium-Ion battery with 24 hours typical operation - Keypad: 4 Operation keys / Sampling Pump: Built-in pump with 3 settings from 300 to/ 430 cc/min / Sample from up to 100 ft. (30 m) / Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches / (45 x 44 mm), with LED backlight for enhanced display- readability / Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3). PID measurement gas and- correction factor, Iamp on/off, Man-Down alarm on/ - off, battery status, pump status, data logging on/off, wireless on/off, temperature and time - Alarm: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication of alarm conditions- plus, wireless remote alarm notification / High, Low, TWA and STEL alarms - Over range alarm, battery low alarm - Man-Down alarm with pre-alarm and real-time re-mote / wireless nolification ,		Included stuff bags for tie-in straps and pelvic harness -			ļ
VOC range (ppm): 0.01-5.000 - Size: 9.1 x 2.9 x 2.2 inches (230 x 74 x 55 mm) (with boot)- Sensor: Photo-ionization sensor with standard 10.6 eV - lamp (9.8 eV lamp in MP186) - Response time: 3 seconds (190)- Accuracy: ±3% (at calibration point) - Battery/Run time: Rechargeable - Lithium-Ion battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 to- 430 cc/min - Sample from up to 100 ft. (30 m)- Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches - (45 x 44 mm), with LED backlight for enhanced display- readability - Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3), PID measurement gas and- correction factor, lamp on/off, Man-Down alarm on/ - off, battery status, pump status, data logging on/off,- wireless on/off, temperature and time - Alarm: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication            High, Low, TWA and STEL alarms - Over range alarm, battery low alarm            Wan-Down alarm with pre-alarm and real-time re-mote- wireless notification ,		TECHNICAL AND SCIENTIFIC EQUIPMENT			
VOC range (ppm): 0.01-5.000 - Size: 9.1 x 2.9 x 2.2 inches (230 x 74 x 55 mm) (with boot)- Sensor: Photo-ionization sensor with standard 10.6 eV - lamp (9.8 eV lamp in MP186) - Response time: 3 seconds (190)- Accuracy: ±3% (at calibration point) - Battery/Run time: Rechargeable - Lithium-Ion battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 to- 430 cc/min - Sample from up to 100 ft. (30 m)- Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches - (45 x 44 mm), with LED backlight for enhanced display- readability - Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3), PID measurement gas and- correction factor, lamp on/off, Man-Down alarm on/ - off, battery status, pump status, data logging on/off,- wireless on/off, temperature and time - Alarm: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication            High, Low, TWA and STEL alarms - Over range alarm, battery low alarm            Wan-Down alarm with pre-alarm and real-time re-mote- wireless notification ,	9	PHOTO IONIZATION DETECTOR	unit-	2 /	
Size: 9.1 x 2.9 x 2.2 inches (230 x 74 x 55 mm) (with boot)- Sensor: Photo-ionization sensor with standard 10.6 eV ~ Iamp (9.8 eV Iamp in MP186) - Response time: 3 seconds (190)- Accuracy: $\pm 3\%$ (at calibration point) - Battery/Run time: Rechargeable - Lithium-Ion battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 tor 430 cc/min - Sample from up to 100 ft. (30 m)- Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches - (45 x 44 mm), with LED backlight for enhanced display- readability - Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3), PID measurement gas and- correction factor, lamp on/off, Man-Down alarm on/ - off, battery status, pump status, data logging on/off,- wireless on/off, temperature and time - Alarm: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication of alarm conditions- plus, wireless remote alarm notification - High, Low, TWA and STEL alarms - Over range alarm, battery low alarm - Man-Down alarm with pre-alarm and real-time re-mote- wireless notification - Keypond - Man-Down alarm with pre-alarm and real-time re-mote- wireless notification -				_	(
Sensor: Photo-ionization sensor with standard 10.6 eV Iamp (9.8 eV Iamp in MP186) Response time: 3 seconds (190) Accuracy: ±3% (at calibration point) - Battery/Run time: Rechargeable - Lithium-Ion battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 to 430 cc/min - Sample from up to 100 ft. (30 m) - Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches - (45 x 44 mm), with LED backlight for enhanced display- readability - Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3), PID measurement gas and- correction factor, Iamp on/off, Man-Down alarm on/ - off, battery status, pump status, data logging on/off, wireless on/off, temperature and time - Alarm: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication of alarm conditions- plus, wireless remote alarm notification - High, Low, TWA and STEL alarms - Over range alarm, battery low alarm - Man-Down alarm with pre-alarm and real-time re-mote - wireless notification - Wireless notification - Man-Down alarm with pre-alarm and real-time re-mote - wireless notification - Man-Down alarm with pre-alarm and real-time re-mote - wireless notification - Man-Down alarm with pre-darm and real-time re-mote - Wireless notification - Man-Down mattery low alarm - Man-Down mattery low a		•			1
Response time: 3 seconds (t90). Accuracy: ±3% (at calibration point) - Battery/Run time: Rechargeable - Lithium-Ion battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 to 430 cc/min - Sample from up to 100 ft. (30 m)- Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches - (45 x 44 mm), with LED backlight for enhanced display- readability - Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3), PID measurement gas and- correction factor, lamp on/off, Man-Down alarm on/- off, battery status, pump status, data logging on/off wireless on/off, temperature and time - Alarm: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication of alarm conditions- plus, wireless remote alarm notification - High, Low, TWA and STEL alarms - Over range alarm, battery low alarm - Man-Down alarm with pre-alarm and real-time re-mote- wireless notification -					
Accuracy: ±3% (at calibration point) - Battery/Run time: Rechargeable - Lithium-Ion battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 to 430 cc/min - Sample from up to 100 ft. (30 m)- Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches - (45 x 44 mm), with LED backlight for enhanced display- readability - Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3), PID measurement gas and- correction factor, lamp on/off, Man-Down alarm on/ - off, battery status, pump status, data logging on/off,- wireless on/off, temperature and time - Alarm: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication of alarm conditions- plus, wireless remote alarm notification - High, Low, TWA and STEL alarms - Over range alarm, battery low alarm - Man-Down alarm with pre-alarm and real-time re-mote/ wireless notification -		lamp (9.8 eV lamp in MP186) -			
Battery/Run time: Rechargeable - Lithium-Ion battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 to - 430 cc/min - Sample from up to 100 ft. (30 m)- Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches - (45 x 44 mm), with LED backlight for enhanced display- readability - Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3), PID measurement gas and- correction factor, lamp on/off, Man-Down alarm on/ - off, battery status, pump status, data logging on/off,- wireless on/off, temperature and time - Alarm: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication of alarm conditions- plus, wireless remote alarm notification - High, Low, TWA and STEL alarms - Over range alarm, battery low alarm - Man-Down alarm with pre-alarm and real-time re-mote- wireless notification -					
Lithium-lon battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 to 430 cc/min - Sample from up to 100 ft. (30 m)- Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches - (45 x 44 mm), with LED backlight for enhanced display- readability - Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3), PID measurement gas and- correction factor, lamp on/off, Man-Down alarm on/ - off, battery status, pump status, data logging on/off,- wireless on/off, temperature and time - Alarm: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication of alarm conditions- plus, wireless remote alarm notification - High, Low, TWA and STEL alarms - Over range alarm, battery low alarm - Man-Down alarm with pre-alarm and real-time re-mote - wireless notification -	1	Response time: 3 seconds (190)-			
Keypad: 4 Operation keys ~ Sampling Pump: Built-in pump with 3 settings from 300 to 430 cc/min ~ Sample from up to 100 ft. (30 m)~ Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches ~ (45 x 44 mm), with LED backlight for enhanced display- readability ~ Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3). PID measurement gas and- correction factor, lamp on/off, Man-Down alarm on/ ~ off, battery status, pump status, data logging on/off,- wireless on/off, temperature and time ~ Alarm: Audible (95 dB @ 30 cm), visual (flashing bright ~ red LEDs), and onscreen indication of alarm conditions- plus, wireless remote alarm notification ~ High, Low, TWA and STEL alarms ~ Over range alarm, battery low alarm ~ Man-Down alarm with pre-alarm and real-time re-mote~ wireless notification ~		Accuracy: <u>+</u> 3% (at calibration point) -			
Sampling Pump: Built-in pump with 3 settings from 300 to 430 cc/min- Sample from up to 100 ft. (30 m)- Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches ~ (45 x 44 mm), with LED backlight for enhanced display- readability - Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3), PID measurement gas and- correction factor, lamp on/off, Man-Down alarm on/ - off, battery status, pump status, data logging on/off,- wireless on/off, temperature and time - Alarm: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication of alarm conditions- plus, wireless remote alarm notification ~ High, Low, TWA and STEL alarms - Over range alarm, battery low alarm ~ Man-Down alarm with pre-alarm and real-time re-mote~ wireless notification -		Accuracy: <u>+</u> 3% (at calibration point) - Battery/Run time: Rechargeable -			
430 cc/min- Sample from up to 100 ft. (30 m)- Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches ~ (45 x 44 mm), with LED backlight for enhanced display- readability - Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3), PID measurement gas and- correction factor, lamp on/off, Man-Down alarm on/ - off, battery status, pump status, data logging on/off,- wireless on/off, temperature and time - Alarm: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication of alarm conditions- plus, wireless remote alarm notification ~ High, Low, TWA and STEL alarms - Over range alarm, battery low alarm - Man-Down alarm with pre-alarm and real-time re-mote- wireless notification -		Accuracy: <u>+</u> 3% (at calibration point) - Battery/Run time: Rechargeable - Lithium-Ion battery with 24 hours typical operation -			
Sample from up to 100 ft. (30 m)- Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches ~ (45 x 44 mm), with LED backlight for enhanced display- readability - Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3), PID measurement gas and- correction factor, lamp on/off, Man-Down alarm on/- off, battery status, pump status, data logging on/off,- wireless on/off, temperature and time ~ Alarm: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication of alarm conditions- plus, wireless remote alarm notification ~ High, Low, TWA and STEL alarms - Over range alarm, battery low alarm ~ Man-Down alarm with pre-alarm and real-time re-mote~ wireless notification -		Accuracy: <u>+</u> 3% (at calibration point) - Battery/Run time: Rechargeable - Lithium-Ion battery with 24 hours typical operation - Keypad: 4 Operation keys -			
Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches ~ (45 x 44 mm), with LED backlight for enhanced display- readability - Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3), PID measurement gas and- correction factor, lamp on/off, Man-Down alarm on/~ off, battery status, pump status, data logging on/off,- wireless on/off, temperature and time - Alarm: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication of alarm conditions- plus, wireless remote alarm notification ~ High, Low, TWA and STEL alarms - Over range alarm, battery low alarm - Man-Down alarm with pre-alarm and real-time re-mote- wireless notification -		Accuracy: <u>+</u> 3% (at calibration point) - Battery/Run time: Rechargeable - Lithium-Ion battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 to -			
<ul> <li>(45 x 44 mm), with LED backlight for enhanced display-readability -</li> <li>Direct readout: Real-time reading of gas concentration-(ppb, ppm, mg/m3, µg/m3), PID measurement gas and-correction factor, lamp on/off, Man-Down alarm on/ -</li> <li>off, battery status, pump status, data logging on/off,-wireless on/off, temperature and time -</li> <li>Alarm: Audible (95 dB @ 30 cm), visual (flashing bright -</li> <li>red LEDs), and onscreen indication of alarm conditions-plus, wireless remote alarm notification -</li> <li>High, Low, TWA and STEL alarms -</li> <li>Over range alarm, battery low alarm -</li> <li>Man-Down alarm with pre-alarm and real-time re-mote-</li> <li>wireless notification -</li> </ul>		Accuracy: <u>+</u> 3% (at calibration point) - Battery/Run time: Rechargeable - Lithium-Ion battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 to - 430 cc/min -			
readability - Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3), PID measurement gas and- correction factor, lamp on/off, Man-Down alarm on/ - off, battery status, pump status, data logging on/off,- wireless on/off, temperature and time - Alarm: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication of alarm conditions- plus, wireless remote alarm notification - High, Low, TWA and STEL alarms - Over range alarm, battery low alarm - Man-Down alarm with pre-alarm and real-time re-mote- wireless notification -		Accuracy: <u>+</u> 3% (at calibration point) - Battery/Run time: Rechargeable - Lithium-Ion battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 to 430 cc/min - Sample from up to 100 ft. (30 m)-			
Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3), PID measurement gas and- correction factor, lamp on/off, Man-Down alarm on/- off, battery status, pump status, data logging on/off,- wireless on/off, temperature and time ~ Alarm: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication of alarm conditions- plus, wireless remote alarm notification ~ High, Low, TWA and STEL alarms - Over range alarm, battery low alarm ~ Man-Down alarm with pre-alarm and real-time re-mote~ wireless notification ~		Accuracy: <u>+</u> 3% (at calibration point) - Battery/Run time: Rechargeable - Lithium-Ion battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 to 430 cc/min - Sample from up to 100 ft. (30 m)- Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches -			
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off, battery status, pump status, data logging on/off,- wireless on/off, temperature and time - Alarm: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication of alarm conditions- plus, wireless remote alarm notification - High, Low, TWA and STEL alarms - Over range alarm, battery low alarm - Man-Down alarm with pre-alarm and real-time re-mote- wireless notification -		Accuracy: <u>+</u> 3% (at calibration point) - Battery/Run time: Rechargeable - Lithium-Ion battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 to 430 cc/min - Sample from up to 100 ft. (30 m)- Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches - (45 x 44 mm), with LED backlight for enhanced display- readability - Direct readout: Real-time reading of gas concentration-			
wireless on/off, temperature and time - Alarm: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication of alarm conditions- plus, wireless remote alarm notification ~ High, Low, TWA and STEL alarms - Over range alarm, battery low alarm - Man-Down alarm with pre-alarm and real-time re-mote - wireless notification -		Accuracy: ±3% (at calibration point) - Battery/Run time: Rechargeable - Lithium-Ion battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 to 430 cc/min - Sample from up to 100 ft. (30 m)- Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches - (45 x 44 mm), with LED backlight for enhanced display- readability - Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3), PID measurement gas and-			
Alarm: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication of alarm conditions- plus, wireless remote alarm notification ~ High, Low, TWA and STEL alarms - Over range alarm, battery low alarm ~ Man-Down alarm with pre-alarm and real-time re-mote ~ wireless notification -		Accuracy: ±3% (at calibration point) - Battery/Run time: Rechargeable - Lithium-Ion battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 to 430 cc/min - Sample from up to 100 ft. (30 m)- Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches - (45 x 44 mm), with LED backlight for enhanced display- readability - Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3), PID measurement gas and- correction factor, lamp on/off, Man-Down alarm on/ -			
red LEDs), and onscreen indication of alarm conditions- plus, wireless remote alarm notification ~ High, Low, TWA and STEL alarms - Over range alarm, battery low alarm ~ Man-Down alarm with pre-alarm and real-time re-mote ~ wireless notification -		Accuracy: ±3% (at calibration point) - Battery/Run time: Rechargeable - Lithium-Ion battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 to 430 cc/min - Sample from up to 100 ft. (30 m)- Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches - (45 x 44 mm), with LED backlight for enhanced display- readability - Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3), PID measurement gas and- correction factor, lamp on/off, Man-Down alarm on/- off, battery status, pump status, data logging on/off,-			
plus, wireless remote alarm notification High, Low, TWA and STEL alarms Over range alarm, battery low alarm Man-Down alarm with pre-alarm and real-time re-mote wireless notification		Accuracy: ±3% (at calibration point) - Battery/Run time: Rechargeable - Lithium-Ion battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 to 430 cc/min - Sample from up to 100 ft. (30 m)- Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches - (45 x 44 mm), with LED backlight for enhanced display- readability - Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3), PID measurement gas and- correction factor, lamp on/off, Man-Down alarm on/ - off, battery status, pump status, data logging on/off,- wireless on/off, temperature and time -			
High, Low, TWA and STEL alarms - Over range alarm, battery low alarm - Man-Down alarm with pre-alarm and real-time re-mote - wireless notification -		Accuracy: ±3% (at calibration point) - Battery/Run time: Rechargeable - Lithium-Ion battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 to 430 cc/min - Sample from up to 100 ft. (30 m)- Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches - (45 x 44 mm), with LED backlight for enhanced display- readability - Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3), PID measurement gas and- correction factor, lamp on/off, Man-Down alarm on/ - off, battery status, pump status, data logging on/off,- wireless on/off, temperature and time - Alarm: Audible (95 dB @ 30 cm), visual (flashing bright -			
Man-Down alarm with pre-alarm and real-time re-mote/ wireless notification -		Accuracy: ±3% (at calibration point) - Battery/Run time: Rechargeable - Lithium-Ion battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 to 430 cc/min - Sample from up to 100 ft. (30 m)- Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches - (45 x 44 mm), with LED backlight for enhanced display- readability - Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3), PID measurement gas and- correction factor, lamp on/off, Man-Down alarm on/ - off, battery status, pump status, data logging on/off,- wireless on/off, temperature and time - Alarm: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication of alarm conditions-			
wireless notification -		Accuracy: ±3% (at calibration point) - Battery/Run time: Rechargeable - Lithium-Ion battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 to 430 cc/min - Sample from up to 100 ft. (30 m)- Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches - (45 x 44 mm), with LED backlight for enhanced display- readability - Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3), PID measurement gas and- correction factor, lamp on/off, Man-Down alarm on/ - off, battery status, pump status, data logging on/off,- wireless on/off, temperature and time - Alarm: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication of alarm conditions- plus, wireless remote alarm notification -			
		Accuracy: ±3% (at calibration point) - Battery/Run time: Rechargeable - Lithium-Ion battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 to 430 cc/min - Sample from up to 100 ft. (30 m)- Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches - (45 x 44 mm), with LED backlight for enhanced display- readability - Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3), PID measurement gas and- correction factor, lamp on/off, Man-Down alarm on/ - off, battery status, pump status, data logging on/off,- wireless on/off, temperature and time - Alarm: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication of alarm conditions- plus, wireless remote alarm notification - High, Low, TWA and STEL alarms -			
Calibration: Two/three-point calibration ~		Accuracy: ±3% (at calibration point) - Battery/Run time: Rechargeable - Lithium-Ion battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 to 430 cc/min - Sample from up to 100 ft. (30 m)- Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches - (45 x 44 mm), with LED backlight for enhanced display- readability - Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3), PID measurement gas and- correction factor, lamp on/off, Man-Down alarm on/ - off, battery status, pump status, data logging on/off,- wireless on/off, temperature and time - Alarm: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication of alarm conditions- plus, wireless remote alarm notification - High, Low, TWA and STEL alarms - Over range alarm, battery low alarm - Man-Down alarm with pre-alarm and real-time re-mote-			
<u> </u>		Accuracy: ±3% (at calibration point) - Battery/Run time: Rechargeable - Lithium-Ion battery with 24 hours typical operation - Keypad: 4 Operation keys - Sampling Pump: Built-in pump with 3 settings from 300 to 430 cc/min - Sample from up to 100 ft. (30 m) - Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches - (45 x 44 mm), with LED backlight for enhanced display- readability - Direct readout: Real-time reading of gas concentration- (ppb, ppm, mg/m3, µg/m3), PID measurement gas and- correction factor, lamp on/off, Man-Down alarm on/ - off, battery status, pump status, data logging on/off,- wireless on/off, temperature and time - Alarm: Audible (95 dB @ 30 cm), visual (flashing bright - red LEDs), and onscreen indication of alarm conditions- plus, wireless remote alarm notification - High, Low, TWA and STEL alarms - Over range alarm, battery low alarm - Man-Down alarm with pre-alarm and real-time re-mote- wireless notification -			

IP rating: IP-36/87       unit         10       MUITI-GAS DETECOR       unit         Size: 574 x 3.31 x 1.65 inches [140 x 84 x 42 mm]         Sensor - Over 30 interchangeable and field-replacable         Battery - Rechargeable Li-lon pack. I6 hours in diffusion         with mo wieless, 14 hours in diffusion         hours in pump with mo wieless, and 10 hours in sump         with writeless         Direct Readout - Read-time reading of gas         concentration, PID measurement gas and correction         factor, Man Down Alorm Avolf, Individual compliance         indicator, battery status, data logging on/off, wrieless         on/off and reception quality SIEL TWA, peak and         with a Dump and Size reading of gas         calibration with Case (separate orders)         Alarm - Witeless remote alarm notification, audible (90 dB # 750 pa), vibration, sixual (floating bright red LEDs), and on-screen indication of alarm conditions         Man Down Alarm with pre-alarm and read-lime remote         Writhin Thirty         sensors at 1 minute intervals, 24 hours a day and 7 days a week)         Charging and Communication - Charging, data download, instrument setup and fimware upgrades on PC or laptop in PC comm, crad	·····	Wireless range: 1 000 ft /200 mt line of sight		<b>_</b> .	
10     Multi-CAS DEFECTOR     unit     2       11     Bullin poump Size - 5.74 x3.31 x1.45 inches (140 x84 x42 mm) Sensors including PID for VOCS. EC for Toxic and Q2. Pelisitor for LE. and MDRIR for LE and CQ2     10       11     Battery - Rechargeable Lifon pack: 16 hours in diffusion with no wireless. and NDRIR for LE and CQ2     10       11     Battery - Rechargeable Lifon pack: 16 hours in gump with wireless     10 hours in gump with no wireless, and 10 hours in gump with wireless     10       11     Direct Readout - Real-lime reading of gas concentration, PID measurement gas and correction factor, battery status, data logging on/dif, wieless on/off and reception quality SEL, TWA, peak and minimum values on/off and reception quality SEL, TWA, peak and minimum values remote ladigm on/dif, individual compliance indicate, battery status, data logging of months for 4     11       11     At anny, with LE blacklight for enhanced display readability     10     11       11     At anny, with a pump or diffusion Calibration with case (spaparte radat)     11     11       11     Calibration - Manual or automatic bump 1est and calibration with a cale (spaparte radat)     11     11       11     Datalogging - Continuous datalogging (6 months for 4 sensors all 1 inniute intervids, 24 hours a day and 7 days a weekj     11     11       12     Case Wateless adta and alorm stats transmission via bull-1-RF modern (upflornd)     11     12       12     Case Wateless adta and alorm stats transmission via bullin-1-RF modern (upflornd)     11<		Wireless range: 1,000 ft. (300 m) line of sight IP rating: IP-66/67			
Built in pump       Size - 574 x 3.3 x 1.45 Inches (140 x 84 x 42 mm)         Sensor - Over 30 interchangeoble and field-replaceoble       sensor - Over 30 interchangeoble and field-replaceoble         Sensor - Over 30 interchangeoble and field-replaceoble       sensor - Over 30 interchangeoble and field-replaceoble         Battery - Rechangeoble Li-Do pack: 16 hours in diffusion       with wireless.         Direct Recodout - Real-time reading of gas       concentration. PID measurement gas and correction         factor. Mathem Down Alarm on/off, individual compliance       indicals. Darthey stats, darts logging on/off, wieless         on/off and reception quality SEL. TWA, peak and       minimum values         Display - 128 x 128 graphical LCD. 1.77 x 1.73 inches       t43 x 44 mm), with De backlight for enhanced display         readability       Automatic screen "filp" feature       Keypad - 2 operation keys         Samgling - Built-In pump or diffusion       calibration - Manual ar automatic bump test and       calibration - Manual ar automatic bump test and         Calibration - Manual ar automatic bump test and       calibration with pre-olarm and real-line remote       Within Thirty         Wireless and and allow forsmission via built-in RF modern (optional)       Bas suppor       Days suppor         addosging - Communication - Charging, data       Days suppor       Days suppor         addowed and allow for subus forsmission via       Days suppor       Days suppor <td>10</td> <td></td> <td>unit</td> <td>2</td> <td></td>	10		unit	2	
Size - 5.74 x3.31 x1.45 inches (140 x84 x42 mm)         Sensor - Over 30 interchangeobie ond field-replocabile         sensor including PID for VOCs, EC for Toxic and O2.         Pelistor for LE, and ADRIR for LE, and CO2         Battery - Rechargeoble Lifon pack: 16 hours in diffusion         with no wireless. Thous in diffusion         with no wireless.         Direct Readout - Real-lime reading of gos         concentration, PID messurement gas and correction         factor, Man Down Alarm anvirfi, Individual comptiance         indicator. Dottery status, data logging anvirfi, wireless         onifol and reception quality Stat. IWA, peek and         minimum values         Display - 128 x128 graphical LCD. 1.77 x 1.73 inches         (45 x 44 mm), with LED backlight for enhanced display         readbility         Automatic screen "flip" feature         Keypad - 2 operation keys         Sampling - Built-In pump or diffusion         Calibration with Case (separate orders)         Alarm         Mon Down Alarm with pre-alarm and read-lime remote         within Thirty         Datalogging - Continuous darblagging (4 months for 4 sensors of 1 minute intervals, 24 hours a day and 7 days         order by via PC communication - Charging, data         download, instrument selup and firmware upgrades on PC or loptop via PC comm, cradle, fravel charger, or<				i –	
sensors including PID for VGCs, EC for Toxic and Q2.         Pelistor for LE, and NDR for LE and CO2         Battery - Rechargeable Lifon pack: 16 hours in diffusion         with no wireless. 14 hours in diffusion         hours in pump with no wireless, and 10 hours in pump         with wireless         Direct Readout - Real-time reading of gas         concentration, PID measurement gas and correction         factor. Man Down Alarn an/off, individual compliance         indicator. Dattery status, data logging an/off, wireless         on fort an arception quality SEL, TWA, peek and         minimum values         Display - 128 x 128 graphical LCD, 1.77 x 1.73 inches         (45 x 44 mm), with LED backlight for enhanced display         readobility         Automatic screen "flip" feature         Keypad - 2 operation keys         Sampling - Built-In pump or diffusion         Calibration with Case (separate orders)         Alarm - Wireless remote alarm notification, audible (90         d8 @ 750 pax), vibration, visual (flashing bright red LEDs),         and on-screen indication - Charging, data         downiodd, instrument setup and firmware upgrades on         PC or laptop via PC comm, cradle, fravel charger, or         Case Wireles adto and alarm Status transmision via         built-In RF modem (optiona)         Temperatur		· ·			
Pelistor for LEL, and NDR for LEL and CO2         Bottery - Rechargeable Li-lon pack: 16 hours in diffusion with no wireless. 14 hours in diffusion with wireless, 12 hours in pump with no wireless, and 10 hours in pump with wireless         Direct Readout - Real-time reading of gas concentration, PID measurement gas and correction factor. Man Down Alarm on/off. Individual compliance indicator. battery status. data logging on/off. Wireless on/off and reception quality SIEL, TWA, peak and minimum values         Display - 128 x 128 graphical LCD, 1.77 x 1.73 inches (45 x 44 nm), with LED backlight for enhanced display readobility <ul> <li>Automatic screen 'Tilip' feature</li> <li>Kaypad - 2 operation keys</li> <li>Sampling - Built-In pump or diffusion</li> <li>Calibration - Manual or automatic bump test and calibration with case (separate orders)</li> <li>Adarm - Wireless remote adarm conditions</li> <li>Man Down Alarm with pre-alarm conditions</li> <li>Man Down Alarm with pre-alarm conditions</li> <li>Man Down Alarm With end Cably and 7 days a week)</li> <li>Charging and Communication - Charging, data download, instrument setup and imware ugrades on PC or loptop via PC comm, cardile, travel charger, or Case Wireless data and alarm status transmission via builtin RF modem (optional)</li> <li>Faber P-45 (pump): IP-67 (diffusion)</li> <li>Sterly Certifications - UL/CUI: Class 1, Dv 1, Group A, B, C, D</li> <li>T4, 20YC 3 tamb ≤ +50YC (pending)</li> <li>ENC directive: 2004/108/EC</li> </ul> <li>11 Sinkeli E GAS Detector Measurable gases: NO, CO2, C2, HCN, NH3, PH3, OV, OV-A, NO2, Ozone, Phosgene Lifetime: Unimitted</li> <li>Changeable filter Greene D-light indicates tested and ready to use Threshold li</li>		Sensor - Over 30 interchangeable and field-replaceable			
Bottery - Rechargeable Likin pack: 14 hours in diffusion       Image: A hours in diffusion with weless.         With no wrieless. I have in diffusion with weless.       Direct Readout - Real-lime reading of gos         Concentration. PLD reasurement gas and correction       factor. Man Down Alarm on/fif. Individual compliance         Indicator. battery status. data logging on/off. wireless       on/off and reception quality STEL. TWA, peek and         minimum values       on/off and reception quality STEL. TWA peek and         Display - 128 x 128 graphical LCD. 1.77 x 1.73 inches       (45 x 44 mm). with LED backlight for enhanced display         readability       Automatic screen 'filp' feadure         Keypad - 2 operation keys       Sampling - Built-in pump or diffusion         Calibration - Manual (Idshing bright red LEDs),       and on-screen indication of darm conditions         Marm - Wireless remote alarm notification. aduble (Y0       db * 750 pA). vitarction. visual (Idshing bright red LEDs),         and on-screen indication of darm conditions       Marm with pre-alarman and real-fine remote         Mithin RF modem (palping)       Days upon         Display and Communication - Charging. data       Notice to         Charging and Communication - Charging. data       Notice to         Proceed       Yer (297 (207 to 50°C))         Hourish Cess top 207 (108/EC       Image charging charging charging charging charging charging charging charging charging ch					
with no wireless, 14 hours in cliffusion with wireless, 12 hours in pump with a wireless, and 10 hours in pump with wireless         Direct Readout - Real-time reading of gas concentration, PID measurement gas and correction factor, battery status, data logging on/off, wireless on/off and reception quality STEL TWA, peak and minimum values [45 x 44 mm], with LED backlight for enhanced display readability         Automatic screen "flip" feature Keypad - 2 operation keys Sampling - Built-In pump or cliffusion Calibration with Case (separate orders) Atom - Wireless remote adam notification, audible (90 dB @ 750 ps), vibration, visual (fashing bright red LEDs), and on-screen indication of afarm conditions Man Down Alarm with pre-alarm and real-time remote wireless notification download, instrument setup and firmware upgrades on PC or laptop vis PC comm, cardie, travel charger, or Case Wireless doft and olarm data fransmission via builtin RF modem (optional) lemperature - 4* to 1227# (20°C to 50°C) Humidth - 6% to 25% polytoper (20°C to 50°C) Humidth - 6% to 25% polytoper (20°C to 50°C) Humidth - 6% to 5% relotive humidity (non-condensing) PC cord polytop vis PS relotive humidity (non-condensing) PR attig 2 = P-45 (pump): P-47 (diffusion) Satety Certifications - LU-2U: Class I, Div 1, Group A, B, C, D T4, 20°C Stamb ≤ +50°C (pending) EMC/RR ENC directive: 2004/108/EC       unit       2         11       Sinkel E GAS DETECTOR AMMONIA (HN3) Sensor type: Single-Gas Detector Measurable gases: NO, Co2, C2; HCN, NH3, PH3, OV, OV-A, NO2, Ozone, Phosgene Lifetime: Unimited Changeoble filter Green D-light indicates tested and ready to use Threshold limit value (8 hrs)/short time exposure limit (15 minutes) Non-disposable device for special gases like NO2, O3 or COC12 Robust, quick sensor response times, powerful battery Other RPOPERTY, PLANT AND EQUIPMENT       onit	1				
hours in pump with no wireless, and 10 hours in pump       with wireless         Direct Readout - Read-lime reading of gos       concentration, PID measurement gas and correction         facter. Man Down Alarm on/off, individual comptionce       indicator, battery stotus, data logging on/off, wireless         on/off and reception quality SEL TWA, peek and       minimum values         Disptay - 128 x 128 graphical LCD, 1.77 x 1.73 inches       (45 x 44 mm), with LED backlight for enhanced display         readobility       Automatic screen 'flip" feature       (45 x 44 mm), with LED backlight for enhanced display         Calibration with Dreadoutic bump test and       calibration of automatic bump test and       (20) Calendar         Calibration with Dreadourm and real-time remote       Within Thirty       (30) Calendar         Marm - With Pre-damm and real-time remote       Within Thirty       (30) Calendar         Disptay and Communication - Charging, data       Notice to       Notice to         Advaridod, instrument setup and firmware upgrades on       Proceed       Notice to         Proceed       YER (200 C lo 50°C)       Humper (20) (20) (20) (20)       Notice to         Disptay Leve A to 122*F (20°C to 50°C)       Humper (20) (20) (20) (20)       Notice to         Proceed       Proceed       Proceed       Notice to         Notice to 200 (20) (20) (20) (20) (20) (20) (20)					
with wireless:         Direct Readout - Real-time reading of gas concentration, PID measurement gas and correction factor, battery status, data logging or/off, wireless on/off and reception quality SIEL, TWA, peak and minimum values         Display - 128 x128 graphical LCD, 1.77 x 1.73 inches (45 x4 mm), with LED backlight for enhanced display readability <ul> <li>Automatic screen 'flip' feature Keypad - 2 operation keys</li> <li>Sampling - Built-in pump or diffusion Calibration with Case (separate orders).</li> <li>Alarm - Wireless remote alarm notification, audible (90 dB @ 750 pu), vibration, visual (flashing bright red LED), and on-screen indication of adorm conditions Man Dawn Alarm with pre-alarm and real-lime remote wireless notification</li> <li>Charging and Communication - Charging, data sensors of 1 minute intervals, 24 hours a day and 7 days a week)</li> <li>Charging and Communication - Charging, data dawibad, instrument setup and firmware upgrades on PC or laptop via PC comm, cradle, travel charger, or Case Wireless data and alarm status transmission via built-in RF modern (optional)</li> <li>Temperature -4 to 122°F (-20°C 10 50°C)</li> <li>Humidity - 0% to 95% relative humidity (non-condensing)</li> <li>PR 4: 10 122°F (-20°C 10 50°C)</li> <li>Humidity - 0% to 95% relative humidity (non-condensing)</li> <li>IEMC/RFI</li> <li>ENC/RFI</li> <li>ENC/RFI</li> <li>ENC/RFI</li> <li>ENC/RFI</li> <li>Satety Certifications - UL/CUI: Class I, Dir I, Group A, B, C, D</li> <li>Temperature -4 to 122°F (-20°C to 50°C)</li> <li>Hermitied Changeoble filter</li> <li>Filter -2004/108/EC</li> </ul> <li>11</li> <li>SINCLE GAS DETECTOR AMMONIA (HNS)</li> <li>Sensor type: Sin</li>					
Direct Readout - Real-time reading of gas concentration, PID measurement gas and correction facter. Man Down Alarm on/off, individual compliance indicator, battery status, data logging on/off. wireless on/off and reception quality STEL, TWA, peak and minimum values         Display - 128 x 128 graphical LCD, 1.77 x 1.73 inches (45 x 44 mm), with LED backlight for enhanced display readability Automatic screen 'Tilp'' feature Keypad - 2 operation keys Samping - Bult-Impump or diffusion Calibration - Manual or automatic bump test and calibration with Dece loarn notification, audible (90 db @ 750 pA), vibrotion, visual (fashing bright) read LEDs), and on-screen indication of alarn conditions Man Down Alarm with pre-olarm and real-time remote wireless notification Datalogging - Continuous datalogging (6 months for 4 sensors of 1 minute intervols, 24 hours a day and 7 days a week) Charging and Communication - Charging, data download, instrument setup and firmware upgrades on PC or laptop via PC comm, cradie, travel charger, or Case Wireless data and alarm stats transmision via bulti-in RF modern (optionai) Temperature - 4 to 122°F (-20°C to 50°C) Humidity - 0% to 59% relative humidity (non-condensing) IP Rating - IP-65 (pump): IP-67 (diffusion) Safety Certrifications - UL/cUL: Class I, Div 1, Group A, 8, C, D I, 4, -20°C 3 Tamb ≤ +50°C (pending) EMC/RFI EMC/RFI ISINGLE GAS DETECTOR AMMONIA (HN3) Safety Certrifications - UL/cUL: Class I, Div 1, Group A, 8, C, D I, 4, -20°C 3 Tamb ≤ +50°C (pending) EMC/RFI ISINGLE GAS DETECTOR AMMONIA (HN3) Safety Certrifications - UL/cUL: Class I, Div 1, Group A, 8, C, D COCU2 Robust, quick sensor response times, powerful battery Other RPROPERTY, PLANT AND EQUIPMENT I 2 CORDLESS TRIPOD LIGHT I 2 CORDLESS TRIPOD LIGHT I 30 Notek PROPERTY, PLANT AND EQUIPMENT I 2 CORDLESS TRIPOD LIGHT I 30 Notek PROPERTY, PLANT AND EQUIPMENT I 2 CORDLESS TRIPOD LIGHT I 30 Notek PROPERTY, PLANT AND EQUIPMENT I 2 CORDLESS TRIPOD LIGHT					
concentration, PID measurement gas and correction factor, Man Down Alorm on/off, Individual compliance indicator, battery status, data logging on/off, wireless on/off and reception quality STEL. TWA, peak and minimum values         Display-128 x 128 graphical LCD, 1.77 x 1.73 inches         (45 x 44 mm), with LED backlight for enhanced display readability         Automatic screen "flip" feature         Keypad - 2 operation keys         Sampling - 6uith-in pump or diffusion         Calibration - Manual or automatic bump test and calibration with Case (separate orders)         Alarm - Wieless remote alarm notification, audible (90 d8 @ 750 px), vibration, visual (flashing bright red LEDs), and no-screen indication of alarm conditions         Man Down Alarm with pre-clarm and read-lime remote wireless notification       Within Thirity (30 Calendar Datalogging - Continuous datalogging (6 months for 4 sensors at 1 minute intervals, 24 hours a day and 7 days a week)       Within Thirity (30 Calendar Datalogging and Communication - Charging, data download, instrument setup and firmware upgrades on PC or taptop via PC comm, cradie, travel charger, or Case Wireless data and alarm status fransmission via built-in RF modern (optional) I Temperature - 4 to 122F (-20°C to 50°C) Humidity - 0% to 95% relative humidity (non-condensing) IP Rating - IP-65 (pump): IP-67 (diffusion) Safety Certifications - UL/ClL: Class 1, Div 1, Group A, B, C, D 14, -20°C 4 Tamb ≤ +50°C (pending) EMC/RFI EMC directive: 2004/108/EC       unit       2         11       SINGLE GAS DEFECTOR AMMONIA (HN3) Safety Certifications - UL/ClL: Class 1, Div 1, Group A, B, C, D       unit       2         12					
Income Name Order, Individual compliance indicator, battery status, data logging on/off, wireless on/off and reception quality STEL, TWA, peak and minimum values         Display - 128 x 128 graphical LCD, 1.77 x 1.73 inches (45 x 44 mm), with LED backlight for enhanced display readability         Automatic screen "flip" feature (Reypod - 2 operation keys Sampling - Built-in pump or diffusion Calibration - Manual or automatic bump lest and calibration - Calibration of alam conditions Man Down Alarm with pre-alam and real-film remote wireless notification Datalogging - Continuous datalogging (6 months for 4 sensos at 1 minute intervals, 24 hours a day and 7 days a week) Charging and Communication - Charging, data download, instrument setup and firmware upgrades on PC or lop top via PC comm, cradle, travel charger, or Case Wireless data and alam status transmission via built-in RF modern (optional) 1 Temperature - 4" to 122°F (-20°C to 50°C) Humitity - 0% to 95% relative hormidity (non-condensing) IP R Krith - 11.25 (Sump): IP-4.7 (diffusion) Safety Certifications - UL/cUL: Class I, Div 1, Group A, B, C, D I 1, -20°C s Tamb ≤ +50°C (pending) EMC/RFi EMC directive: 2004/108/EC     unit     2         11       SinGLE GAS DETECTOR AMMONIA (HN3) Kon-disposable device for special gases like NO2, O3 or COCI2 Robust, quick sensor response filmes, powerful battery Non-disposable device for special gases like NO2, O3 or COCI2 Robust, quick sensor response filmes, powerful battery Battery Platform: :M18       unit       6 <td></td> <td></td> <td></td> <td></td> <td></td>					
indicator, battery status, data logging on/off, wireless on/off and reception quality STEL, TWA, peak and minimum values         Display - 128 x 128 graphical LCD, 1.77 x 1.73 inches         I(45 x 44 mm), with LED backlight for enhanced display readability         Automatic screen "flip" feature         Keypad - 2 operation keys         Sampling - Built-in pump or diffusion         Calibration with Case (separate orders)         Anam - Wireless remote alarm notification, audible (90 dB @ 750 px), vibration, visual (flashing bright red LEDs), and on-screen indication of alarm conditions         Man Down Alarm with pre-alarm and real-time remote wireless notification         Datalogging - Continuous datalogging (6 months for 4 sensors at 1 minute intervals, 24 hours a day and 7 days a week)         Charging and Communication - Charging, data download, instrument setup and firmware upgrades on PC or laptop via PC comm, crade, travel charger, or Case Wreless data and alarm status transmission via built-in RF modem (optional)         Temperature - 4ª to 122*F (-20*C to 50*C)         Humdity - 0% to 95% relative humdity (mon-condensing)         IP Ratting - IP-56 (pump): IP-57 (diffusion)         Safety Certifications - UL/cUL: Class I, Div 1, Group A, B, C, D         T1       SinGle CAS Detector Measurable gases: NO, CO2, C12, HON, NH3, PH3, OV, OV-A, NO2, Cosne, Phosgene Lifetime: Unlimited Changeoble filter Green D-light indicate tested and ready to use Threshold limit value (8 hrs)/short time exposure limit (15 minutes)       unit       6		-			
on/off and reception quality STEL_TWA, peak and minimum values       minimum values         Display - 128 × 128 graphical LCD, 1.77 × 1.73 inches (45 × 44 mm), with LEb backlight for enhanced display readability       Automatic screen "flip" feature Keypad - 2 operation keys Sampling - Built-In pump or aliffusion Calibration with Dase (separate orders)       Within Thirty         Afarm - Wireless remote alarm notification, audible (90 dB @ 750 px), vibration, visual (flashing bright red LED), and on-screen indication of alarm conditions       Within Thirty         Datalogging - Continuous datalogging (6 months for 4 sensors at 1 minute intervals, 24 hours a day and 7 days a week)       Batalogging - Continuous datalogging (6 months for 4 download, instrument setup and firmware uggrades on PC or laptop vib PC comm, cradle, travel charger, or Case Wireless data and alarm status transmission via builtin RF moder (optional)       Notice to Proceed         Temperature - 4° to 122°F (-20°C to 50°C) Humicity - 0% to 95% relative humility (non-condensing) IP R tafting - IP-63 (pump): IP-67 (diffusion) Safety Certifications - UL/cUL: Class I, Div 1, Group A, B, C, D       unit       2         11       Sincle Case Difference AMMONIA (HN3) EMC directive: 2004/108/EC       unit       2         11       Sincle Case Street or A manogene Ultetime: Unlimited Changeable divise for special gases like NO2, O3 or COCI2       order Procestre mospouse time exposure limit (15 minutes) Non-disposable device for special gases like NO2, O3 or COCI2       order ProPERTY, PLANT AND EQUIPMENT         12       CORDUST RIPOPERTY, PLANT AND EQUIPMENT       unit       6 Bate Tool/Batt		•			
minimum values         Display - 128 x 128 graphical LCD, 1.77 x 1.73 inches         (45 x 44 mm), with LED backlight for enhanced display readability         Automatic screen "flip" feature         Keypad - 2 operation keys         Sampling - Built-in pump or diffusion         Calibration with Case (separate orders)         Alarm - Wireless remote alarm notification, audible (90 dB @ 750 px), vibration, visual (flashing bright red LEDs), and on-screen indication of alarm conditions         Man Down Alarm with pre-clarm and real-lime remote         wireless notification         Datalogging - Continuous datalogging (6 months for 4 sensors at 1 minute intervals, 24 hours a day and 7 days a week)         Charging and Communication - Charging, data         Dys upon issuance of case Wireless data and alarm status transmision via built-in RF modern (optional)         Temperature - 4* to 122*F (-20°C to 50°C)         Humidity - 0% to 95% relative humidity (non-condensing)         I'P Rating - IP-65 (pump): IP-67 (diffusion)         Sartey Certifications - UL/CUL: Class I, Div 1, Group A, B, C, D         I'I       Single-Gas Detector         Measurity existing data for pressingle-Gas Detector         Measurity existing data for special gases like NO2, O3 or COC/2         Rebut, quick sensor response times, powerful battery         Non-disposable device for special gases like NO2, O3 or COC/2         Robust, quick senso		· · · · ·			
(45 x 44 mm), with LED backlight for enhanced display readability       Automatic screen "flip" feature Keypad - 2 operation keys         Sampling - Built-in pump or diffusion Calibration with Case (separate and case)       Within Thirty         Alarm - Wireless remote alarm notification, audible (90 dB @ 750 px), vibration, visual (floshing bright red LEDs), and on-screen indication of alarm conditions       Within Thirty         Man Down Alarm with pre-alarm and real-time remote wireless notification       Within Thirty       (30) Calendar Datalogging - Continuous datalogging (6 months for 4 sensors at 1 minute intervals, 24 hours a day and 7 days a week)       Within Thirty         Datalogging and Communication - Charging, data       Bissuance of Notice to PC or laptop via PC comm, cradle, travel charger, or Case Wireless data and alarm status transmission via built-in RF modem (optional) Temperature - 4* to 1922* [-20°C to 50°C) Humidity - 0% to 95% relative humidity (non-condensing) IP Rating - IP-65 (pump): IP-67 (diffusion) Safety Certifications - UL/cUL: Class I, Div 1, Group A, B, C, D       Vinit         11       Single-Gas Detector Measurable gases: NO, CO2, Cl2, HCN, NH3, PH3, OV, OV-A, NO2, Ozone, Phosgene Litetime: Unimited Changeable filter       unit       2         111       Single-Gas Detector Measurable gases: NO, CO2, Cl2, HCN, NH3, PH3, OV, OV-A, NO2, Ozone, Phosgene Litetime: Unimited Changeable filter       unit       6         112       CORDLESS tested and ready to use Threshold limit value (8 hrs)/short time exposure limit (15 minutes) Non-disposable device for special gases like NO2, O3 or COCI2 Robust, quick sensor response times, powerful bat					
readability       Automatic screen "flip" feature         Keypad - 2 operation keys         Sampling - Built-In pump or diffusion         Calibration - Manual or automatic bump test and         calibration with Case (separate orders)         Alarm - Wireless remote alarm notification, audible (90         dB @ 750 pJ, vibration, visual (floshing bright red LEbs), and on-screen indication of alarm conditions         Man Down Alarm with pre-calarm and read-lime remote         wireless notification         Datalogging - Continuous datalogging (6 months for 4 sensors at 1 minute intervals, 24 hours a day and 7 days a week)         Charging and Communication - Charging, data download, instrument setup and firmware upgrades on PC or laptop via PC comm, cradle, travel charger, or Case Wireless data and alarm status transmission via built-in RF modern (optional)         Temperature - 4* to 122* (F-20°C to 50°C)         Humidity - 0% to 95% relative humidity (non-condensing)         IP Rating-IP-65 (pump): IP-67 (diffusion)         Safety Certifications - UL/CUL: Class I, Div 1, Group A, B, C, D         II       Single-Gas Defector Measurable gases: NO, CO2, Cl2, PCN, NH3, PH3, OV, OV-A, NO2, Ozone, Phosgene         Litetime: Unlimited Changeoble filter         Green D-light indicates tested and ready to use Threshold limit value (8 hsty/short time exposure limit (15 minutes)         Non-disposable device for special gases like NO2, O3 or COCI2         Robust, quick sensor response times,		Display - 128 x 128 graphical LCD, 1.77 x 1.73 inches			
Automatic screen "flip" feature Keypad - 2 operation keys Sampling - Built-in pump or diffusion Calibration with Case (separate orders) Alarm - Wireless remote alarm notification, audible (90 dB @ 750 px), vibration, visual (flashing bright red LEDs), and on-screen indication of alarm conditions Man Down Alarm with pre-alarm and read-lime remote wireless notification       Within Thirty (30) Calendar         Datologging - Continuous datologging (6 months for 4 sensors of 1 minute intervals, 24 hours a day and 7 days a week)       Within Thirty (30) Calendar         Charging and Communication - Charging, data download, instrument setup and firmware upgrades on PC or loptop via PC comm, cradle, travel charger, or Case Wireless data and alarm status transmission via built-in RF modem (optional) Temperature - 4* to 122°F (-20°C to 50°C) Humidity - 0% to 95% relative humidity (non-condensing) IP Rating - IP-65 (pump): IP-67 (diffusion) Safety Certifications - UL/CUL: Class I, Div 1, Group A, B, C, D       unit       2         11       SINGLE GAS DETECTOR AMMONIA (HN3) Sensor type: Single-Gas Detector Measurable gases: NO, CO2, Cl2, HCN, NH3, PH3, OV, OV-A, NO2, Ozone, Phosgene Lifetime: Unimited Changeable filter Green D-light indicates tested and ready to use Threshold limit value (8 hs)/short time exposure limit (15 minutes) Non-disposable device for special gases like NO2, O3 or COCI2 Robust, quick sensor response times, powerful battery Robust, quick sensor response times, powerful battery Robust, quick sensor response times, powerful battery Robust, quick sensor response times, powerful battery Battery Platform: M18       unit       6					
Keypad - 2 operation keys         Sampling - Built-in pump or diffusion         Calibration - Manual or automatic bump test and         Marm - Wireless remote alow notification, audible (90         dB @ 750 p.), vibration, visual (flashing bright red LEDs),         and on-screen indication of alarm conditions         Man Down Alarm with pre-darm and read-lime remote         wireless notification         Datalogging - Continuous datalogging (6 months for 4         sensors at 1 minute intervals. 24 hours a day and 7 days         a week)         Charging and Communication - Charging, data         download, instrument setup and firmware upgrades on         PC or laptop via PC comm, cradle, travel charger, or         Case Wireless data and alarm status transmission via         built-in RF modem (optional)         Temperature - 4" to 122°F (-20°C to 50°C)         Humidity - 0% to 95% relative humidity (non-condensing)         IP Rating - IP-45 (pump): IP-47 (diffusion)         Safety Certifications - UL/cUL: class I, Di					
Sampling - Built-In pump or diffusion       Calibration - Manual or automatic bump test and calibration with Case (separate orders)         Alarm - Wireless remote alarm notification, audible (90 dB @ 750 px), vibration, visual (flashing bright red LEDs), and on-screen indication of alarm conditions       Within Thirty         Man Down Alarm with pre-alarm and real-time remote wireless notification       Datalogging - Continuous datalogging (6 months for 4 sensors at 1 minute intervals, 24 hours a day and 7 days a week)       Within Thirty (30) Calendar         Charging and Communication - Charging, data       Notice to Pays upon issuance of Notice to Pays upon issuance of class Wireless and its transmission via built-in RF modern (optional)       Notice to Proceed         Temperature - 4* to 122°F (-20°C to 50°C)       Humidhy - 0% to 95% relative humidhy (non-condensing)       Proceed         IP Rating - IP-65 (pump): IP-67 (diffusion)       Safety Certifications - UL/CUL: Class I, Div 1, Group A, B, C, D       unit         2       SinGLE GAS DEfector AMMONIA (HN3)       unit       2         11       SINGLE GAS DEfector AmMONIA (HN3)       unit       2         Non-disposable device for special gases like NO2, O3 or COCI2       Robust, quick sensor response times, powerful battery       orticle state and ready to use Threshold limit value (8 hrs)/short time exposure limit (15 minutes)         Non-disposable device for special gases like NO2, O3 or COCI2       Robust, quick sensor response times, powerful battery       6         12       CO					
Collistration - Manual or automatic bump test and calibration with Case (separate orders) Atarm - Wireless remote alarm notification, audible (%) dB @ 750 px), vibration, visual (flashing bright red LEDs), and on-screen indication of alarm conditions       Within Thirty         Datalogging - Continuous datalogging (6 months for 4 sensors at 1 minute intervals, 24 hours a day and 7 days a week)       Within Thirty         Charging and Communication - Charging, data download, instrument setup and firmware upgrades on PC or laptop via PC comm, cradle, travel charger, or Case Wireless data and alarm status transmission via built-in RF modern (optional) Temperature - 4* to 122F (-20°C to 50°C) Humidity - 0% to 95% relative humidity (non-condensing) IP Rating - IP-65 (pump); IP-67 (diffusion) Safety Certifications - UL/cUL: Class I, Div I, Group A, B, C, D T4, -20°C ≤ Tamb ≤ +50°C (pending) EMC/RFI EMC directive: 2004/108/EC       unit       2         11       SinGLE GAS DETECTOR AMMONIA (HN3) Non-disposable device for special gases like NO2, O3 or COC12 Robust, quick sensor response times, powerful battery OTHER ROPERTY, PLANT AND EQUIPMENT       unit       6         12       CORDLESS TRIPOD LIGHT Bore Tool/Battery Included: Bare Tool Voltage: 18 V Battery Platform: M18       unit       6	1				
calibration with Case (separate orders)       Alarm - Wireless remote alarm notification, audible (90         Alarm - Wireless remote alarm notification, audible (90       dB @ 750 px), vibration, visual (flashing bright red LEDs), and on-screen indication of alarm conditions       Within Thirty         Man Down Alarm with pre-alarm and real-lime remote wireless notification       Datalogging - Continuous datalogging (6 months for 4 sensors at 1 minute intervals, 24 hours a day and 7 days a week)       Within Thirty         Charging and Communication - Charging, data download, instrument setup and firmware upgrades on PC or laptop via PC comm, cradle, travel charger, or Case Wireless data and alarm status transmission via built-in RF moderm (optional)       Notice to Proceed         Itemperature - 4° to 122°F (-20°C to 50°C)       Humidity - 0% to 95% relative humidity (non-condensing)       Proceed         If A, -20°C S Tamb S + 50°C (pending)       EMC directive: 2004/108/EC       unit       2         Sensor type: Single-Gas Detector Measurable gases: NO, CO2, Cl; HCN, NH3, PH3, OV, OV-A, NO2, Cozone, Phosgene       unit       2         It Sincle GAS DETECTOR AMMONIA (HN3)       unit       2         Sensor type: Single-Gas Detector       Measurable gases: NO, CO2, Cl; HCN, NH3, PH3, OV, OV-A, NO2, Cozone, Phosgene       Unit       6         It further       Ornedisotable device for special gases like NO2, O3 or COCI2       Robust, quick sensor response fimes, powerful battery       0         OTHER PROPERTY, PLANT AND EQUIPMENT					
Alarm - Wireless remote alarm notification, audible (%)       If Ba 750 px), vibration, visual (flashing bright red LEDs), and on-screen indication of alarm conditions       Within Thirty         Man Down Alarm with pre-alarm and real-time remote wireless notification       Within Thirty (30) Calendar       Days upon         Datalogging - Continuous datalogging (6 months for 4 sensors at 1 minute intervals, 24 hours a day and 7 days a week)       Within Thirty (30) Calendar       Days upon         0 week)       Gorging and Communication - Charging, data download, instrument setup and firmware upgrades on PC or laptop via PC comm, cradle, travel charger, or Case Wireless data and alarm status transmission via builtin RF moderm (optional)       Proceed       Proceed         10 Humidity - 0% to 95% relative humidity (non-condensing)       IF Rating - IP-65 (pump): IP-67 (diffusion)       Safety Certifications - UI/CUL: Class I, Div 1, Group A, B, C, D       If 4, -20°C s famb ≤ +50°C (pending)         EMC C/RFI       EMC C/RFI       EMC C/RFI       Unit       2         111       SINCLE GAS DEflector AMMONIA (HN3)       unit       2         Sensor type: Single-Gas Detector       Measurable gases: NO, CO2, Cl2. HCN, NH3, PH3, OV, OV-A, NO2, Ozone, Phosgene       Uifetime: Unlimited         Changeable filter       Green D-light indicates tested and ready to use       Threshold limit value (8 hs)/short time exposure limit (15 minutes)       4         Non-disposable device for special gases like NO2, O3 or COCI2       Robust, quick sensor					
dB @ 750 px), vibration, visual (flashing bright red LEDs), and on-screen indication of alarm conditions       Within Thirty         Man Down Alarm with pre-alarm and real-time remote wireless notification       Within Thirty         Datalogging - Continuous datalogging (6 months for 4 sensors at 1 minute intervals, 24 hours a day and 7 days a week)       Days upon issuance of         Charging and Communication - Charging, data download, instrument setup and firmware upgrades on PC or laptop via PC comm, cradle, travel charger, or Case Wireless data and alarm status transmission via built-in RF modern (optional) Temperature - 4º to 122°F (-20°C to 50°C) Humidity - 0% to 95% relative humidity (non-condensing) IIP Rating - IP-65 (pump): IP-67 (diffusion) Safety Certifications - UL/cUL: Class I, Div 1, Group A, B, C, D       Viit         11       SINGLE GAS DETECTOR AMMONIA (HN3) EMC/RFI       unit       2         11       Sensor type: Single-Gas Detector Measurable gases: NO, CO2, Cl2, HCN, NH3, PH3, OV, OV-A, NO2, Ozone, Phosgene Lifetime: Unlimited Changeable filter Green D-light indicates tested and ready to use Threshold limit value (8 hsy/short time exposure limit (15 minutes) Non-disposable device for special gases like NO2, O3 or COCI2 Robust, quick sensor response times, powerful battery       unit       6         12       CORDLESS TRIPOD					
and on-screen indication of alarm conditions     within Thirty       Man Down Alarm with pre-alarm and real-time remote     within Thirty       Witeless notification     base of the sensor set 1       Datalogging - Continuous datalogging (6 months for 4 sensors at 1 minute intervals, 24 hours a day and 7 days a week)     base of the sensor set 1       Charging and Communication - Charging, data download, instrument setup and firmware upgrades on PC or laptop via PC comm, cradle, travel charger, or Case Wireless data and alarm status transmission via built-in RF modern (optional)     Notice to Proceed       Temperature - 4* to 1227 (-202C to 50°C)     Humidity - 0% to 95% relative humidity (non-condensing)     Proceed       IP Rating - IP-35 (pump): IP-67 (diffusion)     Safety Certifications - UL/cUL: Class I, Div 1, Group A, B, C, D     II       Sunce Gas Detector     Amoonal sets of the sets of					
Man Down Alarm with pre-alarm and real-time remote wireless notification       Within Thirty (30) Calendar         Datalogging - Continuous datalogging (6 months for 4 sensors at 1 minute intervals, 24 hours a day and 7 days a week)       Within Thirty (30) Calendar         Charging and Communication - Charging, data download, instrument setup and firmware upgrades on PC or laptop via PC comm, cradle, travel charger, or Case Wireless data and colarm status transmission via built-in RF modem (optional) Temperature - 4* to 122°F (-20°C to 50°C) Humidity - 0% to 95% relative humidity (non-condensing) IP Rating - IP-65 (pump): IP-67 (diffusion) Safety Certifications - UL/cUL: Class I, Div 1, Group A, B, C, D       Virtual Status transmission via built-in RF modem (optional)         Safety Certifications - UL/cUL: Class I, Div 1, Group A, B, C, D       Virtual Status transmission via built-in Stread Status Active A third Status Active A third Status Class I, Div 1, Group A, B, C, D       Virtual Status Active A third Status Active A third Status Active A third Status Class I, Div 1, Group A, B, C, D         11       SINGLE GAS DETECTOR AMMONIA (HN3) Weasurable gases: NO, CO2, Cl2, HCN, NH3, PH3, OV, OV-A, NO2, Ozone, Phosgene Lifetime: Unlimited Changeable filter Green D-light indicates tested and ready to use Threshold limit value (8 hrs)/short time exposure limit (15 minutes) Non-disposable device for special gases like NO2, O3 or COCI2 Robust, quick sensor response times, powerful battery       Virtual OTHER PROPERTY, PLANT AND EQUIPMENT         12       CORDLESS TRIPOD LIGHT Bare Tool/Battery Included: Bare Tool Voltage: 18 V Battery Platform: M18       Virtual					
wireless notification       Within Thirly         Datalogging - Continuous datalogging (6 months for 4 sensors at 1 minute intervals, 24 hours a day and 7 days a week)       Within Thirly         Charging and Communication - Charging, data download, instrument setup and firmware upgrades on PC or laptop via PC comm, cradle, travel charger, or Case Wireless data and alarm status transmission via built-in RF modem (optional)       Notice to Proceed         Temperature - 4° to 122°F (-20°C to 50°C)       Humidity - 0% to 95% relative humidity (non-condensing)       Proceed         IP Rating - IP-65 (pump): IP-67 (diffusion)       Safety Certifications - UL/cUL: Class I, Div 1, Group A, B, C, D       Unit       2         Sensor type: Single-Gas Detector Measurable gases: NO, CO2, Cl2, HCN, NH3, PH3, OV, OV-A, NO2, Ozone, Phosgene Lifetime: Unimited Changeable filter       unit       2         Green D-light indicates tested and ready to use Threshold limit value (8 hrs)/short time exposure limit (15 minutes)       Non-disposable device for special gases like NO2, O3 or COCI2       OTHER PROPERTY, PLANT AND EQUIPMENT         12       CORDLESS TRIPOD LIGHT Bart Fool/Battery Included: Bare Tool Voltage: 18 V Battery Platform: M18       unit       6					
Databagging is Continuous databagging to monits for 4     Days upon       sensors of 1 minute intervals, 24 hours a day and 7 days     Days upon       a week}     Charging and Communication - Charging, data     Notice to       download, instrument setup and firmware upgrades on     PC or laptop via PC comm, cradle, travel charger, or     Proceed       Case Wireless data and alarm status transmission via     built-in RF modern (optional)     Proceed       Temperature - 4° to 122°F (-20°C to 50°C)     Humidity - 0% to 95% relative humidity (non-condensing)     Proceed       IP Rating - IP-65 (pump): IP-67 (diffusion)     Safety Certifications - UL/cUL: Class I, Div 1, Group A, B, C, D     T4, -20°C ≤ Tamb ≤ +50°C (pending)       EMC /RFI     EMC directive: 2004/108/EC     unit     2       11     SINGLE GAS DETECTOR AMMONIA (HN3)     unit     2       Sensor type: Single-Gas Detector     Measurable gases: NO, CO2, Cl2, HCN, NH3, PH3, OV, OV-A, NO2, Ozone, Phosgene     Uifetime: Unimited       Changeable filter     Green D-light indicates tested and ready to use     Threshod limit value (8 hrs)/short time exposure limit       Non-disposable device for special gases like NO2, O3 or COCI2     COCI2     COCI2       Robust, quick sensor response times, powerful battery     oTHER PROPERTY, PLANT AND EQUIPMENT       12     CORDLESS TRIPOD LIGHT     unit       Battery Platform: M18     Battery Platform: M18		· · · · · · · · · · · · · · · · · · ·	i		•
a week)       issuance of         Charging and Communication - Charging, data       issuance of         download, instrument setup and firmware upgrades on       PC or laptop via PC comm, cradle, travel charger, or         Case Wireless data and alarm status transmission via       built-in RF modem (optional)         Temperature - 4* to 122°F (-20°C to 50°C)       Humidity - 0% to 95% relative humidity (non-condensing)         IP Roting - IP-65 (pump): IP-67 (diffusion)       Safety Certifications - UL/cUL: Class I, Div 1, Group A, B, C, D         C, D       T4, -20°C ≤ Tamb ≤ +50°C (pending)         EMC directive: 2004/108/EC       Unit         11       SINGLE GAS DETECTOR AMMONIA (HN3)       unit         Sensor type: Single-Gas Detector       Measurable gases: NO, CO2, CI2, HCN, NH3, PH3, OV, OV-A, NO2, Ozone, Phosgene         Lifetime: Unlimited       Changeable filter         Green D-light indicates tested and ready to use       Threshold limit value (8 hrs)/short time exposure limit         Non-disposable device for special gases like NO2, O3 or       COCI2         Robust, quick sensor response times, powerful battery       Unit         12       CORDLESS TRIPOD LIGHT       unit         12       CORDLESS TRIPOD LIGHT       unit         Battery Platform: M18       Battery Platform: M18		1			(30) Calendar
Charging and Communication - Charging, data download, instrument setup and firmware upgrades on PC or laptop via PC comm, cradle, travel charger, or Case Wireless data and alarm status transmission via built-in RF modem (optional) Temperature - 4° to 122°F (-20°C to 50°C) Humidity - 0% to 95% relative humidity (non-condensing) IP Rating - IP-65 (pump): IP-67 (diffusion) Safety Certifications - UL/cUL: Class I, Div 1, Group A, B, C, D T4, -20°C ≤ Tamb ≤ +50°C (pending) EMC/RFI EMC directive: 2004/108/EC       unit       2         11       SinGLE GAS DETECTOR AMMONIA (HN3) Sensor type: Single-Gas Detector Measurable gases: NO, CO2, CI2, HCN, NH3, PH3, OV, OV-A, NO2, Ozone, Phosgene Lifetime: Unlimited Changeoble filter Green D-light indicates tested and ready to use Threshold limit value (8 hrs)/short time exposure limit (15 minutes) Non-disposable device for special gases like NO2, O3 or COCI2 Robust, quick sensor response times, powerful battery OTHER PROPERTY, PLANT AND EQUIPMENT       unit       6         12       CORDLESS TRIPOD LIGHT Bare Tool/Battery Included: Bare Tool Voltage: 18 V Battery Platform: M18       unit       6		sensors at 1 minute intervals, 24 hours a day and 7 days			Days upon
download, instrument setup and firmware upgrades on PC or laptop via PC comm, cradle, travel charger, or Case Wireless data and alarm status transmission via built-in RF modem (optional) Temperature - 4° to 122°F (-20°C to 50°C) Humidity - 0% to 95% relative humidity (non-condensing) IP Rating - IP-65 (pump): IP-67 (diffusion) Safety Certifications - UL/cUL: class I, Div 1, Group A, B, C, D       Proceed         11       SINGLE GAS DETECTOR AMMONIA (HN3) EMC/RFI EMC directive: 2004/108/EC       unit       2         11       SINGLE GAS DETECTOR AMMONIA (HN3) Measurable gases: NO, CO2, Cl2, HCN, NH3, PH3, OV, OV-A, NO2, Ozone, Phosgene Lifetime: Unlimited Changeable filter Green D-light indicates tested and ready to use Threshold limit value (8 hrs)/short time exposure limit (15 minutes) Non-disposable device for special gases like NO2, O3 or COCI2       0         12       CORDLESS TRIPOD LIGHT Bare Tool/Battery Included: Bare Tool Voltage: 18 V Battery Platform: M18       unit       6		a week)			issuance of
PC or laptop via PC comm, cradle, travel charger, or Case Wireless data and alarm status transmission via built-in RF moderm (optional) Temperature - 4* to 122°F (-20°C to 50°C) Humidity - 0% to 95% relative humidity (non-condensing) IP Rating - IP-65 (pump): IP-67 (diffusion) Safety Certifications - UL/cUL: Class I, Div 1, Group A, B, C, D         T4, -20°C ≤ Tamb ≤ +50°C (pending) EMC/RFI       unit         Sensor type: Single-Gas Detector Measurable gases: NO, CO2, Cl2, HCN, NH3, PH3, OV, OV-A, NO2, Ozone, Phosgene Lifetime: Unlimited Changeable filter       unit         Green D-light indicates tested and ready to use Threshold limit value (8 hrs)/short time exposure limit (15 minutes) Non-disposable device for special gases like NO2, O3 or COCl2       O3 or COCl2         CORDLESS TRIPOD LIGHT       unit       6         Bare Tool/Battery Included: Bare Tool Voltage: 18 V Battery Platform: M18       unit       6		· · · · · · · · · · · · · · · · · · ·			Notice to
Case Wireless data and alarm status transmission via built-in RF modern (optional)         Temperature - 4° to 122°F (-20°C to 50°C)         Humidity - 0% to 95% relative humidity (non-condensing)         IP Rating - IP-65 (pump): IP-67 (diffusion)         Safety Certifications - UL/cUL: Class I, Div 1, Group A, B,         C, D         T4, -20°C ≤ Tamb ≤ +50°C (pending)         EMC/RFI         EMC directive: 2004/108/EC         11       SINGLE GAS DETECTOR AMMONIA (HN3)         Sensor type: Single-Gas Detector         Measurable gases: NO, CO2, Cl2, HCN, NH3, PH3, OV,         OV-A, NO2, Ozone, Phosgene         Lifetime: Unlimited         Changeable filter         Green D-light indicates tested and ready to use         Threshold limit value (8 hrs)/short time exposure limit         (15 minutes)         Non-disposable device for special gases like NO2, O3 or         COCI2         Robust, quick sensor response times, powerful battery         OTHER PROPERTY, PLANT AND EQUIPMENT         12       CORDLESS TRIPOD LIGHT         Bare Tool/Battery Included: Bare Tool       voltage: 18 V         Battery Platform: M18       battery Platform: M18					Proceed
built-in RF modem (optional) Temperature - 4° to 122°F (-20°C to 50°C) Humidity - 0% to 95% relative humidity (non-condensing) IP Rating - IP-65 (pump): IP-67 (diffusion) Safety Certifications - UL/CUL: Class I, Div 1, Group A, B, C, D         1420°C ≤ Tamb ≤ +50°C (pending) EMC/RFI       EMC directive: 2004/108/EC         11       SINGLE GAS DETECTOR AMMONIA (HN3) Sensor type: Single-Gas Detector Measurable gases: NO, CO2, Cl2, HCN, NH3, PH3, OV, OV-A, NO2, Ozone, Phosgene Lifetime: Unlimited Changeable filter Green D-light indicates tested and ready to use Threshold limit value (8 hrs)/short time exposure limit (15 minutes) Non-disposable device for special gases like NO2, O3 or COCl2 Robust, quick sensor response times, powerful battery         12       CORDLESS TRIPOD LIGHT Bare Tool/Battery Included: Bare Tool Voltage: 18 V Battery Platform: M18       unit					
Temperature - 4° to 122°F (-20°C to 50°C)         Humidity - 0% to 95% relative humidity (non-condensing)         IP Rating - IP-65 (pump): IP-67 (diffusion)         Safety Certifications - UL/cUL: Class I, Div 1, Group A, B,         C, D         T4, -20°C ≤ Tamb ≤ +50°C (pending)         EMC/RFI         EMC directive: 2004/108/EC         11       SINGLE GAS DETECTOR AMMONIA (HN3)         Sensor type: Single-Gas Detector         Measurable gases: NO, CO2, Cl2, HCN, NH3, PH3, OV,         OV-A, NO2, Ozone, Phosgene         Lifetime: Unlimited         Changeable filter         Green D-light indicates tested and ready to use         Threshold limit value (8 hrs)/short time exposure limit         (15 minutes)         Non-disposable device for special gases like NO2, O3 or         COCI2         Robust, quick sensor response times, powerful battery         OTHER PROPERTY, PLANT AND EQUIPMENT         12       CORDLESS TRIPOD LIGHT         Bare Tool/Battery Included: Bare Tool       unit         Voltage: 18 V       Battery Platform: M18					
Humidity - 0% to 95% relative humidity (non-condensing) IP Rating - IP-65 (pump): IP-67 (diffusion) Safety Certifications - UL/cUL: Class I, Div 1, Group A, B, C, D       II         T4, -20°C ≤ Tamb ≤ +50°C (pending) EMC/RFI       unit         EMC directive: 2004/108/EC       unit         11       SINGLE GAS DETECTOR AMMONIA (HN3) Sensor type: Single-Gas Detector Measurable gases: NO, CO2, Cl2, HCN, NH3, PH3, OV, OV-A, NO2, Ozone, Phosgene Lifetime: Unlimited Changeable filter Green D-light indicates tested and ready to use Threshold limit value (8 hrs)/short time exposure limit (15 minutes) Non-disposable device for special gases like NO2, O3 or COCl2 Robust, quick sensor response times, powerful battery         OTHER PROPERTY, PLANT AND EQUIPMENT         12       CORDLESS TRIPOD LIGHT Bare Tool/Battery Included: Bare Tool Voltage: 18 V Battery Platform: M18       unit					
IP Rating - IP-65 (pump): IP-67 (diffusion)         Safety Certifications - UL/cUL: Class I, Div 1, Group A, B,         C, D         T4, -20°C ≤ Tamb ≤ +50°C (pending)         EMC/RFI         EMC directive: 2004/108/EC         11       SINGLE GAS DETECTOR AMMONIA (HN3)         Sensor type: Single-Gas Detector         Measurable gases: NO, CO2, Cl2, HCN, NH3, PH3, OV,         OV-A, NO2, Ozone, Phosgene         Lifetime: Unlimited         Changeable filter         Green D-light indicates tested and ready to use         Threshold limit value (8 hrs)/short time exposure limit         (15 minutes)         Non-disposable device for special gases like NO2, O3 or         COCI2         Robust, quick sensor response times, powerful battery         OTHER PROPERTY, PLANT AND EQUIPMENT         12       CORDLESS TRIPOD LIGHT         Bare Tool/Battery Included: Bare Tool         Voltage: 18 V       Battery Platform: M18					
Safety Certifications - UL/cUL: Class I, Div 1, Group A, B, C, D       T4, -20°C ≤ Tamb ≤ +50°C (pending)         EMC/RFI       EMC/RFI         EMC directive: 2004/108/EC       unit         11       SINGLE GAS DETECTOR AMMONIA (HN3)       unit         Sensor type: Single-Gas Detector       Measurable gases: NO, CO2, Cl2, HCN, NH3, PH3, OV, OV-A, NO2, Ozone, Phosgene       unit         Lifetime: Unlimited       Changeable filter       Green D-light indicates tested and ready to use         Threshold limit value (8 hrs)/short time exposure limit       (15 minutes)         Non-disposable device for special gases like NO2, O3 or COCl2       OTHER PROPERTY, PLANT AND EQUIPMENT         12       CORDLESS TRIPOD LIGHT       unit         12       CORDLESS TRIPOD LIGHT       unit         8are Tool/Battery Included: Bare Tool       Voltage: 18 V         Battery Platform: M18       Battery Platform: M18		· · · · · · · · · · · · · · · · ·			
C, D       T4, -20°C ≤ Tamb ≤ +50°C (pending)         EMC/RFI       EMC directive: 2004/108/EC         11       SINGLE GAS DETECTOR AMMONIA (HN3)       unit         Sensor type: Single-Gas Detector       Measurable gases: NO, CO2, Cl2, HCN, NH3, PH3, OV, OV-A, NO2, Ozone, Phosgene         Lifetime: Unlimited       Changeable filter         Green D-light indicates tested and ready to use       Threshold limit value (8 hrs)/short time exposure limit (15 minutes)         Non-disposable device for special gases like NO2, O3 or COCl2       Robust, quick sensor response times, powerful battery         0THER PROPERTY, PLANT AND EQUIPMENT       unit         12       CORDLESS TRIPOD LIGHT         Bare Tool/Battery Included: Bare Tool       voltage: 18 V         Battery Platform: M18       Sattery Platform: M18					
T4, -20°C ≤ Tamb ≤ +50°C (pending) EMC/RFI EMC directive: 2004/108/EC       unit         11       SINGLE GAS DETECTOR AMMONIA (HN3) Sensor type: Single-Gas Detector Measurable gases: NO, CO2, Cl2, HCN, NH3, PH3, OV, OV-A, NO2, Ozone, Phosgene Lifetime: Unlimited Changeable filter Green D-light indicates tested and ready to use Threshold limit value (8 hrs)/short time exposure limit (15 minutes) Non-disposable device for special gases like NO2, O3 or COCl2 Robust, quick sensor response times, powerful battery       0         12       CORDLESS TRIPOD LIGHT Bare Tool/Battery Included: Bare Tool Voltage: 18 V Battery Platform: M18       unit       6					
EMC/RFI       EMC directive: 2004/108/EC         11       SINGLE GAS DETECTOR AMMONIA (HN3)       unit         2       Sensor type: Single-Gas Detector         Measurable gases: NO, CO2, Cl2, HCN, NH3, PH3, OV,       OV-A, NO2, Ozone, Phosgene         Lifetime: Unlimited       Changeable filter         Green D-light indicates tested and ready to use       Threshold limit value (8 hrs)/short time exposure limit         (15 minutes)       Non-disposable device for special gases like NO2, O3 or COCl2         Robust, quick sensor response times, powerful battery       OTHER PROPERTY, PLANT AND EQUIPMENT         12       CORDLESS TRIPOD LIGHT         12       CORDLESS TRIPOD LIGHT         Bare Tool/Battery Included: Bare Tool       Unit         Voltage: 18 V       Battery Platform: M18					
EMC directive: 2004/108/EC         11       SINGLE GAS DETECTOR AMMONIA (HN3)       unit       2         Sensor type: Single-Gas Detector       Measurable gases: NO, CO2, Cl2, HCN, NH3, PH3, OV, OV-A, NO2, Ozone, Phosgene       unit       2         Lifetime: Unlimited       Changeable filter       Free Stream of the stream					
Sensor type: Single-Gas Detector         Measurable gases: NO, CO2, Cl2, HCN, NH3, PH3, OV,         OV-A, NO2, Ozone, Phosgene         Lifetime: Unlimited         Changeable filter         Green D-light indicates tested and ready to use         Threshold limit value (8 hrs)/short time exposure limit         (15 minutes)         Non-disposable device for special gases like NO2, O3 or         COCl2         Robust, quick sensor response times, powerful battery         0THER PROPERTY, PLANT AND EQUIPMENT         12       CORDLESS TRIPOD LIGHT         Bare Tool/Battery Included: Bare Tool         Voltage: 18 V       Battery Platform: M18					
Measurable gases: NO, CO2, Cl2, HCN, NH3, PH3, OV,         OV-A, NO2, Ozone, Phosgene         Lifetime: Unlimited         Changeable filter         Green D-light indicates tested and ready to use         Threshold limit value (8 hrs)/short time exposure limit         (15 minutes)         Non-disposable device for special gases like NO2, O3 or         COCl2         Robust, quick sensor response times, powerful battery         0THER PROPERTY, PLANT AND EQUIPMENT         12       CORDLESS TRIPOD LIGHT         Bare Tool/Battery Included: Bare Tool         Voltage: 18 V         Battery Platform: M18	11		unit	2	
OV-A, NO2, Ozone, Phosgene       Lifetime: Unlimited         Lifetime: Unlimited       Changeable filter         Green D-light indicates tested and ready to use       Threshold limit value (8 hrs)/short time exposure limit         (15 minutes)       Non-disposable device for special gases like NO2, O3 or         COCI2       Robust, quick sensor response times, powerful battery         0THER PROPERTY, PLANT AND EQUIPMENT       unit         12       CORDLESS TRIPOD LIGHT         Bare Tool/Battery Included: Bare Tool       Voltage: 18 V         Battery Platform: M18       Battery Platform: M18		Sensor type: Single-Gas Detector			
Lifetime: Unlimited       Changeable filter         Green D-light indicates tested and ready to use       Threshold limit value (8 hrs)/short time exposure limit         (15 minutes)       Non-disposable device for special gases like NO2, O3 or         COCI2       Robust, quick sensor response times, powerful battery         OTHER PROPERTY, PLANT AND EQUIPMENT         12       CORDLESS TRIPOD LIGHT         Bare Tool/Battery Included: Bare Tool         Voltage: 18 V         Battery Platform: M18					
Changeable filter       Green D-light indicates tested and ready to use         Threshold limit value (8 hrs)/short time exposure limit       (15 minutes)         Non-disposable device for special gases like NO2, O3 or       COCl2         Robust, quick sensor response times, powerful battery       OTHER PROPERTY, PLANT AND EQUIPMENT         12       CORDLESS TRIPOD LIGHT         Bare Tool/Battery Included: Bare Tool       unit         Voltage: 18 V       Battery Platform: M18					
Green D-light indicates tested and ready to use Threshold limit value (8 hrs)/short time exposure limit (15 minutes) Non-disposable device for special gases like NO2, O3 or COCl2 Robust, quick sensor response times, powerful battery         12       CORDLESS TRIPOD LIGHT Bare Tool/Battery Included: Bare Tool Voltage: 18 V Battery Platform: M18       unit       6					
Intreshold limit value (8 hrs)/short time exposure limit (15 minutes)       Non-disposable device for special gases like NO2, O3 or COCl2         Robust, quick sensor response times, powerful battery       OTHER PROPERTY, PLANT AND EQUIPMENT         12       CORDLESS TRIPOD LIGHT Bare Tool/Battery Included: Bare Tool         Voltage: 18 V Battery Platform: M18       Unit					
(15 minutes)       Non-disposable device for special gases like NO2, O3 or COCl2         Robust, quick sensor response times, powerful battery         0THER PROPERTY, PLANT AND EQUIPMENT         12       CORDLESS TRIPOD LIGHT Bare Tool/Battery Included: Bare Tool Voltage: 18 V Battery Platform: M18		•			
Non-disposable device for special gases like NO2, O3 or COCl2 Robust, quick sensor response times, powerful battery       Image: CORDLESS TRIPOD LIGHT         12       CORDLESS TRIPOD LIGHT Bare Tool/Battery Included: Bare Tool Voltage: 18 V Battery Platform: M18       Unit       6					
COCl2       Robust, quick sensor response times, powerful battery         OTHER PROPERTY, PLANT AND EQUIPMENT         12       CORDLESS TRIPOD LIGHT         Bare Tool/Battery Included: Bare Tool         Voltage: 18 V         Battery Platform: M18					
Robust, quick sensor response times, powerful battery       Image: Complex property, plant and equipment         12       CORDLESS TRIPOD LIGHT Bare Tool/Battery Included: Bare Tool Voltage: 18 V Battery Platform: M18       unit       6					
OTHER PROPERTY, PLANT AND EQUIPMENT       12     CORDLESS TRIPOD LIGHT       Bare Tool/Battery Included: Bare Tool       Voltage: 18 V       Battery Platform: M18		1			
Bare Tool/Battery Included: Bare Tool Voltage: 18 V Battery Platform: M18					
Bare Tool/Battery Included: Bare Tool Voltage: 18 V Battery Platform: M18	12	CORDLESS TRIPOD LIGHT	unit	6	
Battery Platform: M18		Bare Tool/Battery Included: Bare Tool			
		Tool Series: ROCKET			
Product Type: Tripod Light	L				l

13	Max. Head Rotation Angle: 240° - Brightness Level: 1.700 Im; 3,200 Im; 6,000 Im - Charging Capability: USB Charging - Features - (3) Independently Pivoting Light Heads; - 5 Second Set-Up, 7 ft. Extension; - Built in M18 Charger and USB Port; - Dual Power: Powered by M18 or Extension Cord; - High Definition Output; - Impact Resistant, Reinforced Legs; - Powered by M18 Red lithium Battery or Extension Cord- HALLIGAN BAR - Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features - Reference lines for depth when gapping and setting the- tool; - Smooth striking surface to eliminate awkward striking - angles; - Squared off shoulders for a solid striking surface; - This forke with Line second between tines for removal of	unit~	6 -	Within Thirty
	Thin forks with 1 in spread between tines for removal of- door knobs- Handle Color: Silver- Handle Length: 30 inches- Handle Material: Carbon Steel - Handle Style: Halligan Fork - Head Length: 6.5 inches, Head Material: Steel - Number of Heads: 2 - Overall Length: 2.5 ft Firefighting Tool Type: Forcible Entry Tool - Includes Strap: No - Handle Shape: Round - UNSPSC: 27112502- OTHER MACHINERY AND EQUIPMENT -			(30) Calendar Days upon issuance of Notice to Proceed
14	CONCRETE CHAINSAW - Included Chain: Force 3 for Cutting Concrete - Bar Length: 14 inches - Horsepower: 5 - Engine Type: Two Stroke, Air Cooled - Fuel Type: Gas/Oil (50:1 (2%)) - Engine Displacement: 77 cc - RPM: 11,500 +/- 500 RPM - Primary Application - Concrete Chain - Saws: Cinderblock - Vibration: 7.2 m/sec Front Handle, - 8.5 m/sec Rear Handle - Fuel Mix Ratio: 25 to 1 - Fuel Tank Capacity: 0.23 gal - Noise Level: 101 dB - Tool Weight: 21 lb Power Source: Gas Powered - Water Supply: 20 psi min - Includes: 14 in Guidebar, TwinMAX Chain - UNSPSC: 27112709 -	unit -	3 -	

15	K12 SAW WITH BLADE	unit -	3 -	····-
15	Power Source: Gas Powered -	01III	0	
	Tool Style: Handheld -			
	Blade Diameter: 16 inches -			
	Max. Blade Speed: 4,700 RPM -			
	Horsepower: 6.5			
	Arbor Size: 1 inch -			
	Arbor Shape: Round -			
	Cutting Type: Wet/Dry			
	Max. Cutting Depth: 6 inches /			
]	Variable Speed: No-			
	Fuel Type: Gasoline			
	Engine Type: Two Stroke <			
	Fuel Tank Capacity: 32 oz -			
	Start Type: Pull-Cord (Recoil) <			
	Features: -			
	Active Air Filtration (TM);-			
	Dual Charge;-			}
	Height: 18-1/4 inches -			
	HP: 6.1 hp -			
	Length: 28 inches -			
	Width: 9-1/2 inches-			
	Motor Type: 2-Stroke Engine ~			
	UNSPSC: 27112709 -			
16	CHAINSAW WOOD -	unit -	12 -	Within Thirty
	Guide Bar Length: 400 mm (16 inches) -			(30) Calendar
	Chain Blade Pitch: 3/8 inch			}
ł	Gauge: 1.1mm (.043 inch) / 1.3 mm (.050 inch) -			Days upon
	Displacement: 35.0 mL-			issuance of
	Engine power: 1.7 kW / 2.4 PS -			Notice to
	Fuel tank: 0.4L ,			Proceed
	Chain oil tank: 0.29 L-			
	Sound pressure level: 100 dB(A)-			
	Sound power level: 110 dB(A)			
	Vibration Level Front Grip: 4.9m/s <sup>2</sup>			
	Vibration Level Rear Grip: 5.0m/s <sup>2</sup>			
	Dimensions (L x W x H): $415 \times 269 \times 273 \text{ mm} (16-3/8 - 2000)$			
	inches x 10-5/8 inches x 10-3/4 inches) -			
17	40V CORDLESS BRUSHLESS RECIPRO SAW~	unit -	4 ~	1
	Length of Stroke: 32 mm (1-1/4 inches)		-7	
	Strokes Per Minute (SPM) High / Low: $0 - 3,000 / 0 - 2,300 - 0.000 / 0 - 2,300 - 0.0000 / 0.000 / 0.00000 / 0.0000 / 0.00000 / 0.0000 / $			
	Capacity-Pipe: 130 mm (5-1/8 inches) -			
	Wood: 255 mm (10 inches) ~			]
	Vibration Level Cutting Boards: 18.0 m/s <sup>2</sup> -			
	Vibration K Factor: 1.5 m/s <sup>2</sup>			-
	Vibration Level-Cutting Wooden Beams: 19.5 m/s <sup>2</sup> -			
	Vibration K Factor: 2.0 m/s <sup>2</sup> -			
	Sound Pressure Level - 85 dB(A) -			
1	Sound Power Level: 96 dB(A) -			1
L	Noise K Factor: 3 dB(A) 🧹			
	***			
L				

I hereby certify to comply and deliver all the above requirements.

Name: \_\_\_\_\_

Legal Capacity: \_\_\_\_\_

Signature: \_\_\_\_\_

Duly authorized to sign the Bid for and behalf of: \_\_\_\_\_

Schedule of Requirements Page 5 of 5

5

\_\_\_\_\_

## Notes for Preparing the Technical Specifications

A set of precise and clear specifications is a prerequisite for Bidders to respond realistically and competitively to the requirements of the Procuring Entity without qualifying their Bids. In the context of Competitive Bidding, the specifications (*e.g.* production/delivery schedule, manpower requirements, and after-sales service/parts, descriptions of the lots or items) must be prepared to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, and performance of the goods and services to be procured. Only if this is done will the objectives of transparency, equity, efficiency, fairness, and economy in procurement be realized, responsiveness of bids be ensured, and the subsequent task of bid evaluation and post-qualification facilitated. The specifications should require that all items, materials and accessories to be included or incorporated in the goods be new, unused, and of the most recent or current models, and that they include or incorporate all recent improvements in design and materials unless otherwise provided in the Contract.

Samples of specifications from previous similar procurements are useful in this respect. The use of metric units is encouraged. Depending on the complexity of the goods and the repetitiveness of the type of procurement, it may be advantageous to standardize the General Technical Specifications and incorporate them in a separate subsection. The General Technical Specifications should cover all classes of workmanship, materials, and equipment commonly involved in manufacturing similar goods. Deletions or addenda should then adapt the General Technical Specifications to the particular procurement.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for equipment, materials, and workmanship, recognized Philippine and international standards should be used as much as possible. Where other particular standards are used, whether national standards or other standards, the specifications should state that equipment, materials, and workmanship that meet other authoritative standards, and which ensure at least a substantially equal quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the Special Conditions of Contract or the Technical Specifications.

## Sample Clause: Equivalency of Standards and Codes

Wherever reference is made in the Technical Specifications to specific standards and codes to be met by the goods and materials to be furnished or tested, the provisions of the latest edition or revision of the relevant standards and codes shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national or relate to a particular country or region, other authoritative standards that ensure substantial equivalence to the standards and codes specified will be acceptable.

Reference to brand name and catalogue number should be avoided as far as possible; where unavoidable they should always be followed by the words "or at least equivalent." References to brand names cannot be used when the funding source is the GOP.

Where appropriate, drawings, including site plans as required, may be furnished by the Procuring Entity with the Bidding Documents. Similarly, the Supplier may be requested to provide drawings or samples either with its Bid or for prior review by the Procuring Entity during contract execution.

Bidders are also required, as part of the technical specifications, to complete their statement of compliance demonstrating how the items comply with the specification.

## **Technical Specifications**

## PROJECT NAME: PROCUREMENT OF FIRE THERMAL IMAGER AND OTHERS PROJECT NO. QCDRRMO-24-FFRSE-1688

		[Bidders must state here either "Comply" or
		"Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature. unconditional statements of specification and compliance issued by the manufacturer. samples, independent test data etc as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's
		statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]
Α.	With minimum technical specifications of the following:	
	DISASTER RESPONSE AND RESCUE EQUIPMENT -	
1	FIRE THERMAL IMAGER - Fixed Focus, Wide Angle Lens (49°)- Thermal Resolution: 264 x 198- Thermal Sensitivity: 40mk (0.04°C) - Frame Rate: 30Hz - Temperature ranges (2): -20°C to 120°C; 0°C to 550°C - Lens option/FOV/Focus Mode: 49° x 36.8° / IFOV: 3.40 - mrad / 0.5m focus-free - 3.5 inches touch screen display and fast user interface - 8-megapixels industrial-grade digital camera, always in- focus, working distance as close as 0.5m - ACCESS HARNESS (FULL BODY HARNESS) CLASS III - Designed with versatile, low-profile components for- technicians working on rope - Large diameter aluminum D-rings at the ventral, sternal, - and dorsal attachment points keep the harness- lightweight, yet allows room for multiple carabiners Steel adjuster buckles are low profile and allow for- maximum and efficient adjustment - Aluminum Side D-rings provide lightweight work - positioning attachment points Certification Standards: - EN 361:2002 - EN 358:2018 - EN 813:2008 - NFPA Class III - ANSI Z359.11 -	
3	CSA Z259.10 ~ KERNMANTLE ROPE (LIFELINE) Length: 200 ft. (60 m) ~ Diameter: 12.5 mm (1/2 inch) ~ Color / Stripe Orange / White ~ NFPA Rating General Use- 3 sigma MBS 40.8 kN (9,164 LBF)~ Max. Length 549 m (1,800 ft.) ~	

4	SINGLE SWIVEL PULLEY -	
	Pulley Type Single Sheave	
	Sheave Material Aluminum	
	Height x Width: 148 x 76 mm (5.8 x 3.0 inches)	
	Pulley Color Bronze / Slate-	
	NFPA Rating General Use -	
	3 Sigma MBS 36 kN (8,093 lbf) -	
	Prusik minding options facilitate progress capture -	
	Double sheave pulleys equipped with integrated becket.	
	Compatible with rope up to 13 mm (1/2 inch)	
	1.5 inches PMP SS Pulley is compatible with rope or wire -	
5	DOUBLE SWIVEL PULLEY~	
	Pulley Type Double Sheave ~	
	Sheave Material Aluminum -	
	Height x Width: 180 x 76 mm (7.0 x 3.0 inches) -	
	Pulley Color Bronze / Slate -	
	NFPA Rating General Use -	
	3 Sigma MBS 36 kN (8,093 lbf) -	
	•	
	Prusik minding options facilitate progress capture -	
	Double sheave pulleys equipped with integrated becket	
	Compatible with rope up to 13 mm (1/2 inch) -	
	1.5 inches PMP SS Pulley is compatible with rope or wire -	
	cable -	
6	MULTI-PURPOSE DEVICE (MPD) -	
	Rope Size:13 mm (1/2 inch) -	
	Color Red	
	NFPA Rating (Pulley, Belay) General Use ~	
	NFPA Rating (Descent Control) General Use -	
	3 sigma MBS Pulley 46 kN (10,341 lbf) -	
7	STAINLESS STEEL RESCUE LITTER -	
· ·	UL Classified to NFPA Standards – Litter-	
	Vertical Breaking Strength: 24.9 KN (5,598 lbf)-	
	Horizontal Breaking Strength: 13.7 kN (3,080 lbf) -	
	Rescue Litter Specifications: -	
	Length: 212 cm (83.5 inches) -	
	Width: 58 cm (23 inches) -	l
	Depth: 18 cm (7.25 inches) -	
	Load Rating: 11 kN (2,473 lbf) -	
8	PATIENT TIE-IN SYSTEM /	
0		
	Components Patient Tie-In System-	
	(One-Piece Litter) and Pelvic Harness -	
	Sold as a kit with the pelvic harness included to support	
	patient's weight /	
ļ	Models available for one-piece and two-piece litters -	
	Lightweight and adjustable to meet patient's comfort-	
1	requirements >	
	Color-coded web makes securing patient quick and -	}
	intuitive -	
1	Snap ring closures save critical patient packaging time -	
	Compatible with litters, stretchers, and backboards /	
	Included stuff bags for tie-in straps and pelvic harness -	1
·	TECHNICAL AND SCIENTIFIC EQUIPMENT	
9	PHOTO IONIZATION DETECTOR	
/ 7		
	VOC range (ppm): 0.01-5,000 <sup></sup>	1
	Size: 9.1 x 2.9 x 2.2 inches (230 x 74 x 55 mm) (with boot)-	
	Sensor: Photo-ionization sensor with standard 10.6 eV -	
	lamp (9.8 eV lamp in MP186) -	
	Response time: 3 seconds (190) -	
	Accuracy: ±3% (at calibration point)-	
	Battery/Run time: Rechargeable -	
	Lithium-Ion battery with 24 hours typical operation -	
	Keypad: 4 Operation keys -	
	Sampling Pump: Built-in pump with 3 settings from 300 to	
	430 cc/min -	
	Sample from up to 100 ft. (30 m) -	
	Transfere certain tea contraction tea contract	<u> </u>

ĺ	Display: 128 x 128 graphical LCD, 1.77 x 1.73 inches	
	(45 x 44 mm), with LED backlight for enhanced display	
	readability	
	Direct readout: Real-time reading of gas concentration	
	(ppb, ppm, mg/m3, µg/m3), PID measurement gas and	
	correction factor, lamp on/off, Man-Down alarm on/ off,	
	battery status, pump status, datalogging on/off, wireless	
	on/off, temperature and time	
	Alarm: Audible (95 dB @ 30 cm), visual (flashing bright red	
	LEDs), and onscreen indication of alarm conditions plus,	
	wireless remote alarm notification	
	High, Low, TWA and STEL alarms	
	Over range alarm, battery low alarm	
	Man-Down alarm with pre-alarm and real-time re-mote	
	wireless notification	
	Calibration: Two/three-point calibration	
	· · · · · · · · · · · · · · · · · · ·	
	Wireless range: 1,000 ft. (300 m) line of sight	1
	IP rating: IP-66/67	
10	MULTI-GAS DETECTOR	
	Built in pump	
	Size - 5.74 x 3.31 x 1.65 inches (140 x 84 x 42 mm)	
	Sensor - Over 30 interchangeable and field-replaceable	
	sensors including PID for VOCs, EC for Toxic and O2,	
	Pellistor for LEL, and NDIR for LEL and CO2	
	Battery - Rechargeable Li-ion pack: 16 hours in diffusion	
	with no wireless, 14 hours in diffusion with wireless, 12 hours	
	in pump with no wireless, and 10 hours in pump with	
	wireless	
	Direct Readout - Real-time reading of gas concentration,	
	PID measurement gas and correction factor, Man Down	
	Alarm on/off, individual compliance indicator, battery	
	status, data logging on/off, wireless on/off and reception	
	quality STEL, TWA, peak and minimum values	
	Display - 128 x 128 graphical LCD, 1.77 x 1.73 inches	
	(45 x 44 mm), with LED backlight for enhanced display	
	readability	
1	Automatic screen "flip" feature	
	Keypad - 2 operation keys	
	Sampling - Built-in pump or diffusion	
	Calibration - Manual or automatic bump test and	
	calibration with Case (separate orders)	
	Alarm - Wireless remote alarm notification, audible (90 dB	
	@ 750 px), vibration, visual (flashing bright red LEDs), and	
	on-screen indication of alarm conditions	
	Man Down Alarm with pre-alarm and real-time remote	
	wireless notification	
1	Datalogging - Continuous datalogging (6 months for 4	
1	sensors at 1 minute intervals, 24 hours a day and 7 days a	
	week)	
	Charging and Communication - Charging, data	
	download, instrument setup and firmware upgrades on	
	PC or laptop via PC comm, cradle, travel charger, or	
	Case Wireless data and alarm status transmission via built-	
1		
	in RF modem (optional)	
	Temperature - 4° to 122°F (-20°C to 50°C)	
	Humidity - 0% to 95% relative humidity (non-condensing)	
	IP Rating - IP-65 (pump): IP-67 (diffusion)	
	Safety Certifications - UL/CUL: Class I, Div 1, Group A, B, C,	
	D	
	T4, -20°C $\leq$ Tamb $\leq$ +50°C (pending)	
	EMC/RFI	
	EMC directive: 2004/108/EC	
11		<u> </u>
	SINGLE GAS DETECTOR AMMONIA (HN3)	
	Sensor type: Single-Gas Detector	
	Measurable gases: NO, CO2, Cl2, HCN, NH3, PH3, OV,	
1	OV-A, NO2, Ozone, Phosgene	
1	Lifetime: Unlimited	
L		

<u></u>		
	Changeable filter -	
	Green D-light indicates tested and ready to use -	
1	Threshold limit value (8 hrs)/short time exposure limit -	
	(15 minutes) 🗸	
	Non-disposable device for special gases like NO2, O3 or-	
	COCI2 -	
	Robust, quick sensor response times, powerful battery -	
	OTHER PROPERTY, PLANT AND EQUIPMENT	
12	CORDLESS TRIPOD LIGHT	
	Bare Tool/Battery Included: Bare Tool -	
	Voltage: 18 V-	
	Battery Platform: M18 -	
	Tool Series: ROCKET	
	Product Type: Tripod Light	
	Max. Brightness: 6,000 lm <	
	Min. Brightness: 1,700 lm -	
	No. of Light Output Modes: 3 -	
	Light Output Mode: High / Medium / Low -	
	Mount Type: Tripod ~	
	Max. Height: 84 inches -	
	Light Distribution: 90°	
	Kit Contents: Bare Tool -	
	Max. Head Rotation Angle: 240° -	
	Brightness Level: 1.700 lm; 3,200 lm; 6,000 lm -	
1	*	
	Charging Capability: USB Charging -	
	Features -	
	(3) Independently Pivoting Light Heads; -	
	5 Second Set-Up, 7 ft. Extension; ~	
	Built in M18 Charger and USB Port; -	
	Dual Power: Powered by M18 or Extension Cord; -	
	High Definition Output; ~	
	Impact Resistant, Reinforced Legs; -	
	Powered by M18 Red lithium Battery or Extension Cord	
13	HALLIGAN BAR	
13	Application Extrication; -	
13	Application Extrication; - Forcible Entry; -	
13	Application Extrication; - Forcible Entry; - Lifting/Prying; -	
	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul -	
13	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features -	
13	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features - Reference lines for depth when gapping and setting the -	
13	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features - Reference lines for depth when gapping and setting the - tool; -	
13	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features - Reference lines for depth when gapping and setting the - tool; - Smooth striking surface to eliminate awkward striking -	
13	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features - Reference lines for depth when gapping and setting the - tool; - Smooth striking surface to eliminate awkward striking - angles; -	
13	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features - Reference lines for depth when gapping and setting the - tool; - Smooth striking surface to eliminate awkward striking - angles; - Squared off shoulders for a solid striking surface; -	
13	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features - Reference lines for depth when gapping and setting the - tool; - Smooth striking surface to eliminate awkward striking - angles; - Squared off shoulders for a solid striking surface; - Thin forks with 1 in spread between tines for removal of -	
13	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features - Reference lines for depth when gapping and setting the - tool; - Smooth striking surface to eliminate awkward striking - angles; - Squared off shoulders for a solid striking surface; - Thin forks with 1 in spread between tines for removal of - door knobs -	
13	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features - Reference lines for depth when gapping and setting the - tool; - Smooth striking surface to eliminate awkward striking - angles; - Squared off shoulders for a solid striking surface; - Thin forks with 1 in spread between tines for removal of - door knobs - Handle Color: Silver -	
13	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features - Reference lines for depth when gapping and setting the - tool; - Smooth striking surface to eliminate awkward striking - angles; - Squared off shoulders for a solid striking surface; - Thin forks with 1 in spread between tines for removal of - door knobs - Handle Color: Silver - Handle Length: 30 inches -	
13	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features - Reference lines for depth when gapping and setting the - tool; - Smooth striking surface to eliminate awkward striking - angles; - Squared off shoulders for a solid striking surface; - Thin forks with 1 in spread between tines for removal of - door knobs - Handle Color: Silver -	
13	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features - Reference lines for depth when gapping and setting the - tool; - Smooth striking surface to eliminate awkward striking - angles; - Squared off shoulders for a solid striking surface; - Thin forks with 1 in spread between tines for removal of - door knobs - Handle Color: Silver - Handle Length: 30 inches -	
13	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features - Reference lines for depth when gapping and setting the - tool; - Smooth striking surface to eliminate awkward striking - angles; - Squared off shoulders for a solid striking surface; - Thin forks with 1 in spread between tines for removal of - door knobs - Handle Color: Silver - Handle Length: 30 inches - Handle Material: Carbon Steel -	
13	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features - Reference lines for depth when gapping and setting the - tool; - Smooth striking surface to eliminate awkward striking - angles; - Squared off shoulders for a solid striking surface; - Thin forks with 1 in spread between tines for removal of - door knobs - Handle Color: Silver - Handle Length: 30 inches - Handle Material: Carbon Steel - Handle Style: Halligan Fork -	
13	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features - Reference lines for depth when gapping and setting the - tool; - Smooth striking surface to eliminate awkward striking - angles; - Squared off shoulders for a solid striking surface; - Thin forks with 1 in spread between tines for removal of - door knobs - Handle Color: Silver - Handle Length: 30 inches - Handle Material: Carbon Steel - Handle Style: Halligan Fork - Head Length: 6.5 inches -	
13	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features - Reference lines for depth when gapping and setting the - tool; - Smooth striking surface to eliminate awkward striking - angles; - Squared off shoulders for a solid striking surface; - Thin forks with 1 in spread between tines for removal of - door knobs - Handle Color: Silver - Handle Length: 30 inches - Handle Material: Carbon Steel - Handle Style: Halligan Fork - Head Length: 6.5 inches - Head Material: Steel - Number of Heads: 2 - Overall Length: 2.5 ft	
13	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features - Reference lines for depth when gapping and setting the - tool; - Smooth striking surface to eliminate awkward striking - angles; - Squared off shoulders for a solid striking surface; - Thin forks with 1 in spread between tines for removal of - door knobs - Handle Color: Silver - Handle Color: Silver - Handle Material: Carbon Steel - Handle Style: Halligan Fork - Head Length: 6.5 inches - Head Material: Steel - Number of Heads: 2 - Overall Length: 2.5 ft Firefighting Tool Type: Forcible Entry Tool -	
13	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features - Reference lines for depth when gapping and setting the - tool; - Smooth striking surface to eliminate awkward striking - angles; - Squared off shoulders for a solid striking surface; - Thin forks with 1 in spread between tines for removal of - door knobs - Handle Color: Silver - Handle Length: 30 inches - Handle Material: Carbon Steel - Handle Style: Halligan Fork - Head Length: 6.5 inches - Head Material: Steel - Number of Heads: 2 - Overall Length: 2.5 ft	
13	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features - Reference lines for depth when gapping and setting the - tool; - Smooth striking surface to eliminate awkward striking - angles; - Squared off shoulders for a solid striking surface; - Thin forks with 1 in spread between tines for removal of - door knobs - Handle Color: Silver - Handle Color: Silver - Handle Material: Carbon Steel - Handle Style: Halligan Fork - Head Length: 6.5 inches - Head Material: Steel - Number of Heads: 2 - Overall Length: 2.5 ft Firefighting Tool Type: Forcible Entry Tool -	
13	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features - Reference lines for depth when gapping and setting the - tool; - Smooth striking surface to eliminate awkward striking - angles; - Squared off shoulders for a solid striking surface; - Thin forks with 1 in spread between tines for removal of - door knobs - Handle Color: Silver - Handle Length: 30 inches - Handle Material: Carbon Steel - Handle Style: Halligan Fork - Head Length: 6.5 inches - Head Material: Steel - Number of Heads: 2 - Overall Length: 2.5 ft Firefighting Tool Type: Forcible Entry Tool - Includes Strap: No -	
13	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features - Reference lines for depth when gapping and setting the - tool; - Smooth striking surface to eliminate awkward striking - angles; - Squared off shoulders for a solid striking surface; - Thin forks with 1 in spread between tines for removal of - door knobs - Handle Color: Silver - Handle Length: 30 inches - Handle Material: Carbon Steel - Handle Material: Carbon Steel - Handle Style: Halligan Fork - Head Length: 6.5 inches - Head Material: Steel - Number of Heads: 2 - Overall Length: 2.5 ft Firefighting Tool Type: Forcible Entry Tool - Includes Strap: No - Handle Shape: Round -	
13	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features - Reference lines for depth when gapping and setting the - tool; - Smooth striking surface to eliminate awkward striking - angles; - Squared off shoulders for a solid striking surface; - Thin forks with 1 in spread between tines for removal of - door knobs - Handle Color: Silver - Handle Length: 30 inches - Handle Material: Carbon Steel - Handle Style: Halligan Fork - Head Length: 6.5 inches - Head Material: Steel - Number of Heads: 2 - Overall Length: 2.5 ft Firefighting Tool Type: Forcible Entry Tool - Includes Strap: No - Handle Shape: Round - UNSPSC: 27112502 -	
	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features - Reference lines for depth when gapping and setting the - tool; - Smooth striking surface to eliminate awkward striking - angles; - Squared off shoulders for a solid striking surface; - Thin forks with 1 in spread between tines for removal of - door knobs - Handle Color: Silver - Handle Length: 30 inches - Handle Material: Carbon Steel - Handle Style: Halligan Fork - Head Length: 6.5 inches - Head Material: Steel - Number of Heads: 2 - Overall Length: 2.5 ft Firefighting Tool Type: Forcible Entry Tool - Includes Strap: No - Handle Shape: Round - UNSPSC: 27112502 - OTHER MACHINERY AND EQUIPMENT -	
	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features - Reference lines for depth when gapping and setting the - tool; - Smooth striking surface to eliminate awkward striking - angles; - Squared off shoulders for a solid striking surface; - Thin forks with 1 in spread between tines for removal of - door knobs - Handle Color: Silver - Handle Length: 30 inches - Handle Material: Carbon Steel - Handle Material: Carbon Steel - Handle Style: Halligan Fork - Head Material: Steel - Number of Heads: 2 - Overall Length: 2.5 ft Firefighting Tool Type: Forcible Entry Tool - Includes Strap: No - Handle Shape: Round - UNSPSC: 27112502 - OTHER MACHINERY AND EQUIPMENT - CONCRETE CHAINSAW -	
	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features - Reference lines for depth when gapping and setting the - tool; - Smooth striking surface to eliminate awkward striking - angles; - Squared off shoulders for a solid striking surface; - Thin forks with 1 in spread between tines for removal of - door knobs - Handle Color: Silver - Handle Length: 30 inches - Handle Length: 30 inches - Handle Material: Carbon Steel - Handle Style: Halligan Fork - Head Length: 6.5 inches - Head Material: Steel - Number of Heads: 2 - Overall Length: 2.5 ft Firefighting Tool Type: Forcible Entry Tool - Includes Strap: No - Handle Shape: Round - UNSPSC: 27112502 - OTHER MACHINERY AND EQUIPMENT - CONCRETE CHAINSAW - Included Chain: Force 3 for Cutting Concrete -	
	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features - Reference lines for depth when gapping and setting the - tool; - Smooth striking surface to eliminate awkward striking - angles; - Squared off shoulders for a solid striking surface; - Thin forks with 1 in spread between tines for removal of - door knobs - Handle Color: Silver - Handle Length: 30 inches - Handle Material: Carbon Steel - Handle Material: Carbon Steel - Handle Style: Halligan Fork - Head Length: 6.5 inches - Head Material: Steel - Number of Heads: 2 - Overall Length: 2.5 ft Firefighting Tool Type: Forcible Entry Tool - Includes Strap: No - Handle Shape: Round - UNSPSC: 27112502 - <b>OTHER MACHINERY AND EQUIPMENT -</b> <b>CONCRETE CHAINSAW</b> - Included Chain: Force 3 for Cutting Concrete - Bar Length: 14 inches -	
	Application Extrication: - Forcible Entry: - Lifting/Prying: - Overhaul - Features - Reference lines for depth when gapping and setting the - tool: - Smooth striking surface to eliminate awkward striking - angles: - Squared off shoulders for a solid striking surface: - Thin forks with 1 in spread between tines for removal of - door knobs - Handle Color: Silver - Handle Length: 30 inches - Handle Material: Carbon Steel - Handle Style: Halligan Fork - Head Length: 6.5 inches - Head Material: Steel - Number of Heads: 2 - Overall Length: 2.5 ft Firefighting Tool Type: Forcible Entry Tool - Includes Strap: No - Handle Shape: Round - UNSPSC: 27112502 - <b>OTHER MACHINERY AND EQUIPMENT</b> - <b>CONCRETE CHAINSAW</b> - Included Chain: Force 3 for Cutting Concrete - Bar Length: 14 inches - Horsepower: 5 - Engine Type: Two Stroke, Air Cooled -	
	Application Extrication; - Forcible Entry; - Lifting/Prying; - Overhaul - Features - Reference lines for depth when gapping and setting the - tool; - Smooth striking surface to eliminate awkward striking - angles; - Squared off shoulders for a solid striking surface; - Thin forks with 1 in spread between tines for removal of - door knobs - Handle Color: Silver - Handle Length: 30 inches - Handle Material: Carbon Steel - Handle Style: Halligan Fork - Head Length: 6.5 inches - Head Material: Steel - Number of Heads: 2 - Overall Length: 2.5 ft Firefighting Tool Type: Forcible Entry Tool - Includes Strap: No - Handle Shape: Round - UNSPSC: 27112502 - <b>OTHER MACHINERY AND EQUIPMENT</b> - <b>CONCRETE CHAINSAW</b> - Included Chain: Force 3 for Cutting Concrete - Bar Length: 14 inches - Horsepower: 5 -	

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	RPM: 11,500 +/- 500 RPM -	
	Primary Application - Concrete Chain -	
	Saws: Cinderblock	
	Vibration: 7.2 m/sec Front Handle, ~	
	8.5 m/sec Rear Handle -	
1	Fuel Mix Ratio: 25 to 1-	
	Fuel Tank Capacity: 0.23 gal -	
	Noise Level: 101 dB -	
ļ	Tool Weight: 21 lb.	
1	Power Source: Gas Powered ~	
	Water Supply: 20 psi min	
	Includes: 14 in Guidebar, TwinMAX Chain-	
1	UNSPSC: 27112709 <	
15	K12 SAW WITH BLADE	
	Power Source: Gas Powered -	
	Tool Style: Handheld -	
[		
	Blade Diameter: 16 inches	
	Max. Blade Speed: 4,700 RPM -	
	Horsepower: 6.5	
	Arbor Size: 1 inch -	
	Arbor Shape: Round ~	
	Cutting Type: Wet/Dry <	
ļ	Max. Cutting Depth: 6 inches -	
	Variable Speed: No	
	Fuel Type: Gasoline -	
	Engine Type: Two Stroke	
	Fuel Tank Capacity: 32 oz-	
	Start Type: Pull-Cord (Recoil) -	
	Features:	
	Active Air Filtration (TM); -	
	Dual Charge;	
	Height: 18-1/4 inches -	
	HP: 6.1 hp -	
	Length: 28 inches -	
	Width: 9-1/2 inches	
	Motor Type: 2-Stroke Engine -	
	UNSPSC: 27112709 -	
16		
	Guide Bar Length: 400 mm (16 inches) -	
	Chain Blade Pitch: 3/8 inch -	
	Gauge: 1.1mm (.043 inch) / 1.3 mm (.050 inch) -	
	Displacement: 35.0 mL -	
	Engine power: 1.7 kW / 2.4 PS >	
	Fuel tank: 0.4L	
	Chain oil tank: 0.29 L-	
	Sound pressure level: 100 dB(A) -	
	Sound power level: 110 dB(A) -	
	Vibration Level Front Grip: 4.9m/s <sup>2</sup> -	
	Vibration Level Rear Grip: 5.0m/s <sup>2</sup>	
	Dimensions (L x W x H): 415 x 269 x 273 mm (16-3/8 inches-	
	x 10-5/8 inches x 10-3/4 inches) -	
17	40V CORDLESS BRUSHLESS RECIPRO SAW	
	Length of Stroke: 32 mm (1-1/4 inches) -	
1	Strokes Per Minute (SPM) High / Low: 0 - 3,000 / 0 - 2,300 -	
1	Capacity-Pipe: 130 mm (5-1/8 inches)-	
	Wood: 255 mm (10 inches) -	
	Vibration Level Cutting Boards: 18.0 m/s <sup>2</sup>	
	Vibration K Factor: 1.5 m/s <sup>2</sup>	
	Vibration Level-Cutting Wooden Beams: 19.5 m/s <sup>2</sup> -	
	Vibration K Factor: 2.0 m/s <sup>2</sup> -	
	Sound Pressure Level - 85 dB(A) -	
	Sound Power Level: 96 dB(A)	
	Noise K Factor: 3 dB(A) -	
В.	Compliance to the Schedule of Requirements (Section VI)	
D		<u> </u>

Technical Specifications Page 5 of 6

I hereby certify to comply and deliver all the above requirements.

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## Section VIII. Checklist of Technical and Financial Documents

## Notes on the Checklist of Technical and Financial Documents

The prescribed documents in the checklist are mandatory to be submitted in the Bid, but shall be subject to the following:

- a. GPPB Resolution No. 09-2020 on the efficient procurement measures during a State of Calamity or other similar issuances that shall allow the use of alternate documents in lieu of the mandated requirements; or
- b. Any subsequent GPPB issuances adjusting the documentary requirements after the effectivity of the adoption of the PBDs.

The BAC shall be checking the submitted documents of each Bidder against this checklist to ascertain if they are all present, using a non-discretionary "pass/fail" criterion pursuant to Section 30 of the 2016 revised IRR of RA No. 9184.

## **Checklist of Technical and Financial Documents** I. TECHNICAL COMPONENT ENVELOPE

#### Class "A" Documents

#### Legal Documents

(a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages) in accordance with Section 8.5.2 of the IRR;

#### Technical Documents

- (b) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid (in a FORM prescribed by the QC-BAC-GOODS AND SERVICES); and
- (c) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents (in a FORM prescribed by the QC-BAC-GOODS AND SERVICES); and
- (d) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission; or Original copy of Notarized Bid Securing Declaration; and
- (e) Conformity with Section VI. (Schedule of Requirements) and Section VII. (Technical Specifications), which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable; <u>and</u>
- (f) Original duly signed Omnibus Sworn Statement (OSS);
   and if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

#### Financial Documents

(g) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC) (in a FORM prescribed by the QC-BAC-GOODS AND SERVICES);

<u>or</u>

A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

#### Class "B" Documents

□ (h) If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence;

<u>or</u>

duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

#### Other documentary requirements under RA No. 9184 (as applicable)

- (i) [For foreign bidders claiming by reason of their country's extension of reciprocal rights to Filipinos] Certification from the relevant government office of their country stating that Filipinos are allowed to participate in government procurement activities for the same item or product.
- ☐ (j) Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.

### **II. FINANCIAL COMPONENT ENVELOPE**

- (a) Original of duly signed and accomplished Financial Bid Form; and
- (b) Original of duly signed and accomplished Price Schedule(s).

#### **III. REQUIRED DOCUMENTS in BDS SECTION 20.2 and 21.2**

For chainsaw, the bidder must submit the following permits from Department of Environment and Natural Resources (DENR) in accordance with RA 9175 and DENR Administrative Order (DAO) 2003-24:

- Copy of valid Permit to Purchase Chainsaw in order to acquire and distribute the chainsaw.
- Copy of valid Permit to Sell Chainsaw of the vendor/store where the chainsaw will be acquired.
- Copy of valid Permit to Sell Chainsaw.

For all items:

• Statement of Warranty with project number and project title, minimum of one (1) year.

Note:

1. Please refer to

[https://drive.google.com/file/d/1uiYurh5WrpBL5B\_pqpzAb62yucAblR1p/view?usp=sh aring] for the following requirements:

- a. Computation of NFCC;
- b. List of All Ongoing Contracts/List of Contracts already awarded but not yet started;
- c. Statement of Single Largest Completed Contract
- 2. Please refer to GPPB Resolution No. 16-2020 for the following requirements:
  - a. Bid Form;
  - b. Price Schedule (for Goods Offered from Abroad/ Within the Philippines)
  - c. Bid Securing Declaration; and
  - d. Omnibus Sworn Statement

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