



**Agricultural Research Council
Onderstepoort Veterinary Institute (OVR)**

Request for Quotation

RFQ NUMBER:	REQ-074885
CLOSING DATE:	Date: 17 August 2023 Time : 11H00am
DESCRIPTION	Firefighting Equipment Service from 2023-2025
ADDRESS	ARC-Onderstepoort Veterinary Institute (ARC-OVI) 100 Old Soutpan Road (M35) Private Bag X05 ONDERSTEPOORT 0110
ENQUIRY	Name: Sefako Mphaga Email: MphagaS@arc.agric.za
COMPULSORY SITE BRIEFING	No

	RFQ number	Description	Quantity	Unit of Measure
1	REQ-074885	Firefighting Equipment service from 2023-2025 (Specification attached)	1	EA

1. You are kindly requested to submit a written quotation to the Agricultural Research Council as per below or attached terms of reference (TOR).
2. **Essential administrative requirements:**
 - 2.1. Only bidders registered on the Central Supplier Database (CSD) will be considered. Bidders shall include the CSD registration number and full CSD report with the bid proposal.
 - 2.2. Only bidders that claim specific goals will be considered for scoring on the 20 points as per the 80/20 principle.
 - 2.3. Completed and signed Standard Bidding Documents (SBD) forms included in the bid document.
3. The above specified goods/services should be delivered / rendered to the ARC-Onderstepoort Veterinary Institute at above-mentioned delivery address.
4. The particulars of the guarantee that will apply to the goods quoted for, with the particular regards to the period and extent of the warranty must be clearly stated. Where services are required, service providers must submit documentation pertaining the relevant experience.
5. Your written quotation must be emailed depending on the instructions given in the email or advert.
6. All price quotations that have a rand value of R 2,000.00 to below R 50,000,000.00, including VAT, will be evaluated by applying the 80/20 principle as prescribed by the Preferential Procurement Policy Framework Act 5 of 2022 and its Regulations.
7. The lowest acceptable price will score 80 points, Specific goals for the tender and points claimed are indicate per the table below:

The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Percentage (%) Ownership by HDIs	Points 8	
91-100%	8	
81-90	7	
71-80	6	
61-70	5	
51-60	4	
41-50	3	
21-40	2	
1-20	1	
0%	0	0

Percentage (%) ownership by Women	Points (4)	
81-100	4	
51-80	3	
31-50	2	
1-30	1	
0%	0	
Percentage (%) Ownership (by Youth	Points (4)	
81-100	4	
51-80	3	
31-50	2	
1-30	1	
0%	0	
Percentage Ownership by PwD	Points (2)	
51-100%	2	
1-50	1	
0%	0	
RDP Goals	Points (2)	
EME's/QSE's	2	

8. Standard conditions:

8.1 The validity of the quotations must be indicated.

8.2 Prices quoted should be in South African Rand and inclusive of VAT costs such as delivery, insurance, taxes, etc.

8.3 No price adjustments or amendment of the delivery particulars contained in paragraph 8.2 will be considered by the ARC.

8.4 The supplier accepts full responsibility for the proper execution and fulfilment of the goods/services quoted for.

8.5 ARC reserves the right to accept or reject any special terms and conditions that may qualify the goods/services to be provided.

- 8.6 Quotes should be submitted on an official letterhead and duly signed.
- 8.7 Goods and services should be supplied / rendered upon receipt of a purchase order from the ARC.
- 8.8 The General Conditions of Contract issued by National Treasury are applicable.
- 8.9 The ARC supply chain management code of conduct is applicable.
- 8.10 Standard Bidding Documents (SBD) forms must be signed and returned together with the quotation. Failure to comply may result to disqualification of your quotation.
- 8.11 Only the quotation from suppliers who are requested to quote shall be evaluated and considered.
- 8.12 Your quotation must indicate the delivery date.
- 8.13 The ARC reserve the right to do due diligence on the quotations.
- 8.14 The ARC reserves the right to benchmark prices quoted.

Thank you in anticipation.
Mr Sefako Mphaga
Tel: +27 (0) 12 529-9283
Email: MphagaS@arc.agric.za
Supply Chain Management: ARC
Date: 2023-08-10

SBD 6.1

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to invitations to tender:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2 To be completed by the organ of state

(delete whichever is not applicable for this tender).

- a) The applicable preference point system for this tender is the 90/10 preference point system.
- b) The applicable preference point system for this tender is the 80/20 preference point system.
- c) Either the 90/10 or 80/20 preference point system will be applicable in this tender. The lowest/ highest acceptable tender will be used to determine the accurate system once tenders are received.

1.3 Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:

- (a) Price; and
- (b) Specific Goals.

1.4 To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS	20
Total points for Price and SPECIFIC GOALS	100

1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean

that preference points for specific goals are not claimed.

- 1.6 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

2. DEFINITIONS

- (a) **“tender”** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) **“price”** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) **“tender for income-generating contracts”** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) **“the Act”** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

3.1.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis:

$$\begin{array}{ccc} \mathbf{80/20} & \mathbf{or} & \mathbf{90/10} \\ \mathbf{Ps} = \mathbf{80} \left(\mathbf{1} - \frac{\mathbf{Pt} - \mathbf{Pmin}}{\mathbf{Pmin}} \right) & \mathbf{or} & \mathbf{Ps} = \mathbf{90} \left(\mathbf{1} - \frac{\mathbf{Pt} - \mathbf{Pmin}}{\mathbf{Pmin}} \right) \end{array}$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

3.2. FORMULAE FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOME GENERATING PROCUREMENT

3.2.1. POINTS AWARDED FOR PRICE

A maximum of 80 or 90 points is allocated for price on the following basis:

$$\begin{array}{ccc} 80/20 & \text{or} & 90/10 \\ P_s = 80 \left(1 + \frac{P_t - P_{max}}{P_{max}} \right) & \text{or} & P_s = 90 \left(1 + \frac{P_t - P_{max}}{P_{max}} \right) \end{array}$$

Where

- P_s = Points scored for price of tender under consideration
 P_t = Price of tender under consideration
 P_{max} = Price of highest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

- 4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:
- 4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—
- (a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or
 - (b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,
- then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

Table 1: Specific goals for the tender and points claimed are indicated per the table below.

(Note to organs of state: Where either the 90/10 or 80/20 preference point system is applicable, corresponding points must also be indicated as such.

Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)

The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Percentage (%) Ownership by HDIs		Points 8		
91-100%		8		
81-90		7		
71-80		6		
61-70		5		
51-60		4		
41-50		3		
21-40		2		
1-20		1		
0%		0		
Percentage (%) ownership by Women		Points (4)		
81-100		4		
51-80		3		
31-50		2		
1-30		1		
0%		0		
Percentage (%) Ownership (by Youth		Points (4)		
81-100		4		

51-80		3		
31-50		2		
1-30		1		
0%		0		
Percentage Ownership by PwD		Points (2)		
51-100%		2		
1-50		1		
0%		0		
RDP Goals		Points (2)		
Any RDP goal/s		2		

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm.....

4.4. Company registration number:

4.5. TYPE OF COMPANY/ FIRM

- ☐ Partnership/Joint Venture / Consortium
 - ☐ One-person business/sole propriety
 - ☐ Close corporation
 - ☐ Public Company
 - ☐ Personal Liability Company
 - ☐ (Pty) Limited
 - ☐ Non-Profit Company
 - ☐ State Owned Company
- [TICK APPLICABLE BOX]

4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - (a) disqualify the person from the tendering process;
 - (b) recover costs, losses or damages it has incurred or suffered as a

result of that person's conduct;

- (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
- (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
- (e) forward the matter for criminal prosecution, if deemed necessary.

.....
SIGNATURE(S) OF TENDERER(S)

SURNAME AND NAME:

DATE:

ADDRESS:

.....

.....

.....

BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

2. Bidder's declaration

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest¹ in the enterprise,

employed by the state?

YES/NO

2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of State institution

¹ the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? **YES/NO**

2.2.1 If so, furnish particulars:

.....
.....

2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract?
YES/NO

2.3.1 If so, furnish particulars:

.....
.....

3 DECLARATION

I, _____ the _____ undersigned,
(name)..... in submitting the
accompanying bid, do hereby make the following statements that I certify to be true
and complete in every respect:

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.

² Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

- 3.4 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.6 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....

Signature

.....

Date

.....

Position

.....

Name of bidder

2023/2025 OVR Firefighting Equipment service Specification

Compulsory Requirements:

To service and maintain in good working order all ARC-OVI firefighting equipment for a period of 36 months with a 3-months' probation period as per below specification:

1.	Service of all ARC-OVR firefighting equipment including pressure testing of all fire hydrants where required, Service all ARC-OVR firefighting equipment located in: • ARC-OVI Main Campus • ARC-OVI TAD Campus • Residential housing and single quarters • Boikutsong • Kaalplaas (office, hostel, house) • ARC-BTP • Grasdak
2.	Service provider to produce: • ARC-OVR Fire Register for all 410 firefighting equipment • Certificate for servicing the all ARC-OVR I.T. Gas Suppression and Fire Detection Panels • All certificates and registers to be on the company letter head with contact details and company address • All OVR firefighting equipment to be provided with service stickers reflecting the next service date (2023, 2024, 2025)
3.	Comply with the Vessels Under Pressure Regulations 1591 of the Occupational Health and Safety Act, 1993 (Act 85 of 1993)
4.	Only South African National Standard- (SANS) 1475-1:2010 accredited test station to be used where pressure testing will be required (Certificate/License of testing station to be produced)
5.	Be registered as an authorised person with the South African Qualification & Certification Committee for the Fire Industry (<u>SAQCC-Fire</u>) for: servicing fire extinguishers – or installing, servicing or commissioning fire detection or gas suppression systems.
6.	Submit/produce current certificate/proof of registration with <u>SAQCC-Fire.</u>
7.	Current proof of registration with the Compensation Commissioner of the Department of Labour (Letter of Good standing).
8.	Provide an outdoor live-fire extinguishing demonstration for one laboratory/building (lab/building to be identified after appointment).
9.	Organise and number all OVI firefighting equipment based on their location, building or station
10.	Continuously advise ARC-OVI all new developments and best practices related to the Fire Industry

Name of Lab/Building: Rabies offices		
Type of fire extinguisher (CO2 or STP)	Kg	Number
CO2	2	D2
CO2	2	D3
Name of Lab/Building: Rabies laboratory		
Type of fire extinguisher (CO2 or STP)	Kg	Number (e.g. G2, Z5, N2....)
CO2	5	D5
CO2	5	D6

Name of Lab/Building: Rabies OIE facility		
Type of fire extinguisher (CO2 or STP)	Kg	Number (e.g. G2, Z5, N2....)
CO2	2	D7
CO2	2	D8
CO2	2	D9

Name of Building: Building 31 Supply Chain Management			
Type of fire extinguisher	Kg	Number	Location
CO2	5kg	26 – B5	Building 31 SCM Kitchen
CO2	5kg	23 – B2	Building 31 SCM stores
CO2	5kg	B3	Building 31 SCM stores
CO2	5kg	22 – B4	Building 31 SCM stores
CO2	5kg	B1	Building 31 Basement – Circulation store
Dry powder	8kg	B6	Building 31 Basement – Circulation store
Roof mounted	5 x 5kg	B7	Building 31 Basement – Circulation store
CO2	5kg		Building 31 Basement – Circulation store

Name of Lab/Building: Pathology/BSE		
Type of fire extinguisher (CO2 or STP)	Kg	Number

CO ₂	5kg	H2
CO ₂	2kG	H3
CO ₂	2kg	H9
CO ₂	2kg	H10
CO ₂	2kg	H12
CO ₂	5kg	H13
CO ₂	5kg	H14
CO ₂	5Kg	H15
CO ₂	5Kg	H18
CO ₂	2Kg	H19
CO ₂	2kg	H20
CO ₂	5kg	H21
CO ₂	5kg	H23
CO ₂	2kg	H17

Name of Lab/Building: BIOTECHNOLOGY Building 29		
Type of fire extinguisher (CO ₂ or STP)	Kg	Number (e.g. G2, Z5, N2....)
CO ₂	5	J2
CO ₂	5	J3
CO ₂	5	J4
CO ₂	5	J5
Monoammonium Phosphate	4.5	J6
CO ₂	5	J8
CO ₂	5	J9
CO ₂	5	J10
CO ₂	5	J11
CO ₂	2	J12
CO ₂	5	J13
CO ₂	5	J14

Name of Lab/Building: RESIDUE LAB BUILDING 40		
Type of fire extinguisher (CO ₂ or STP)	Kg	Number (e.g. G2, Z5, N2....)
CO ₂	5.3 KG	C1
CO ₂	5.5 KG	C1

CO2	7.5 KG	C3
CO2	4.3 KG	C3
CO2	5.3 KG	C5
DRY POWDER	7.5 KG	C4

Toxicology				M3	Sol
	M4	Apparatus store	CO2	2 kg	
	M5	Down stairs room E	CO2	5 kg	
	M6	Down stairs balance room	CO2	5 kg	
	M7	Downstairs Cell culture	CO2	5 kg	
	M9	Downstairs next chemical store	CO2	5 kg	
	M10	Downstairs	CO2	5 kg	
	M11	Upstairs entrance	CO2	5 kg	
	M12	Upstairs chemical store	CO2	5 kg	
	M13	Upstairs Hok13	CO2	5 kg	
	M14	Upstairs Hok 14	CO2	5 kg	
	M15	Upstairs Hok 2	CO2	5 kg	
	M16	Upstairs Hok 1	STP	5 kg	
	M17	Upstairs Hok 16	CO2	5 kg	
	M18	Upstairs Hok 16	CO2	5 kg	
	M19	Upstairs Kitchen	CO2	5 kg	
	M20	Upstairs Room 19-20	CO2	5 kg	
	M21	Upstairs next room 18	CO2	9 kg	
	M22	Upstairs corner	CO2	5 kg	
	M23	Office 15	CO2	5 kg	
	M25	Outside Gas store	CO2	5 kg	

Name of Lab/Building: Workshop		
Type of fire extinguisher (CO ₂ or STP)	Kg	Number (e.g. G2, Z5, N2....)
STP	2,3kg	1
STP	5kg	3
CO ₂	5kg	4

Name of Lab/Building: EPV Programme		
Type of fire extinguisher (CO ₂ or STP)	Kg	Number
HEARTWATER - BUILDING 19		
CO ₂	5kg	J12
PARASITOLOGY		
CO ₂	2kg	Y1
CO ₂	5kg	Y2
CO ₂	5kg	Y3

CO ₂	5KG	J6
CO ₂	2kg	Y5
CO ₂	5kg	Y6
CO ₂	5kg	Y7
CO ₂	5kg	Y8
CO ₂	5kg	Y9
CO ₂	5kg	Y10
HELMINTHOLOGY		
CO ₂	5kg	H21
CO ₂	2kg	H62
CO ₂	2kg	H5
CO ₂	5kg	-
CO ₂	5kg	-
CO ₂	5kg	-
STP	9kg	LOANE
CO ₂	2kg	H19
CO ₂	5kg	H10
CO ₂	5kg	H2
ENTOMOLOGY NORTH		
CO ₂	5KG	N1
CO ₂	5KG	N2
CO ₂	5KG	N3
CO ₂	5KG	N4
CO ₂	5KG	N5
ENTOMOLOGY SOUTH		
STP	9KG	Z1
CO ₂	5KG	Z2
STP	9KG	Z3
CO ₂	5kg	Z4
CO ₂	2kg	Z5
CO ₂	5KG	Z6
CO ₂	5KG	-
STABLE ROOM (EAST OF ENTOMOLOGY NORTH)		
CO ₂	5KG	-
ENTOMOLOGY KITCHEN		
STP	4,5KG	Z7
FLAMMABLE LIQUIDS STORE ROOM		
STP	9KG	-
ELECTRON MICROSCOPE UNIT		
CO ₂	2kg	X14
CO ₂	2kg	H
CO ₂	2kg	68

Name of Lab/Building: TAD Block-H			
Number (e.g G2 or Z5)	KG	Type of fire extinguisher (CO ₂ or STP)	Location

L1	2.0	CO ₂	Old production lab
L2	5.0	CO ₂	Production Lab (next to Incubator)
L3	9.0	STP	Production lab (Red door)
L4	4.5	STP	Store room (Outside)
L6	4.5	Dry Powder	146S Corridor
L7	12.5	CO ₂	ASF Lab corridor
L8	5.0	CO ₂	Shower
K1	2.5	Dry Powder	Pilot plant Basement
K8	5.0	CO ₂	Basement Store old production
K9	2.0	CO ₂	Pilot Plant basement (Green door)
L5	Not stated	Hose	Corridor next to Kitchen
L9	Not stated	Hose	Shower
K2	Not sated	Hose	Pilot plant basement

Name of Lab/Building: TADs Stables and Loft		
Type of fire extinguisher (CO ₂ or STP)	Kg	Number
Dry powder	2.5	11
Dry powder	2.5	13
Dry powder	2.5	15
Dry powder	2.5	17
Dry powder	2.5	18
Dry powder	2.5	6
Dry powder	2.5	5
Dry powder	2.5	4
Dry powder	2.5	3

Dry powder	4.5	I 11A
CO2	5	I 2
STP	2.5	I 14
STP	2.5	I 26
Name of Lab/Building: TADs Loft		
Type of fire extinguisher (CO₂ or STP)	Kg	Number
CO2	5	F 19
CO2	5	No number
Dry powder	2.5	G 6
Dry powder	2.5	G 7
Dry powder	2.5	H 1
Dry powder	2.5	H 5
Dry powder	2.5	H 7
Dry powder	2.5	No number

Fire extinguishers - BTP		
Type	Kg	Number
CO2	2	AA4
CO2	2	24
CO2	2	49
CO2	2	-
CO2	2	-
CO2	2	-
CO2	2	-
CO2	9	-
STP	4.5	AA1
STP	4.5	AA7
DCP	4.5	-
DCP	4.5	-

Name of Lab/Building: VIROLOGY		
Type of fire extinguisher (CO ₂ or STP)	Kg	Number
CO2	5KG	F3
CO2	5KG	F4
CO2	5KG	F2
CO2	5KG	F1
CO2	5KG	F14
CO2	5KG	F6
CO2	5KG	F5
CO2	5KG	F9
Dry Powder	14.5KG	F11
CO2	5KG	F8
CO2	5KG	F7

Name of Lab/Building: Wool Building		
Type of fire extinguisher (CO ₂ or STP)	Kg	Number
STP	4.5	
CO ₂	5	A1
Type 9.0	9	A12
CO ₂	5	A2
CO ₂	2	A3
CO ₂	5	A5
CO ₂	5	A8
CO ₂	5	A9
CO ₂	2	A13
CO ₂	5	A6
TYPE 9.0	9	A7
CO ₂	2	A14

Crèche		
Type	Kg	Number
CO ₂	4.5	-
CO ₂	2	-
CO ₂	2	-
CO ₂	2	-

Theiler Guest House		
Type	Kg	Number
STP	9	E1
STP	9	E1

Diagnostic Registration		
Type	Kg	Number
CO ₂	5	D1
STP	9	D2
STP	5	D5

CO2	2	D6
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Guest House No.10		
Type	Kg	Number
CO2	5	-
CO2	2	-
STP	9	-

Computer Centre		
Type	Kg	Number
CO2	4.5	-
CO2	2	-
CO2	2	-
CO2	2	-

Public Relations/Museum/Canteen		
Type	Kg	Number
CO2	2	I1
CO2	2	I2
CO2	2	I3
CO2	2	I10
CO2	2	Canteen cooking area

Grasdak Lapa		
CO2	5 kg	P1
STP	9 kg	P2
STP	9 kg	P3
STP	9 kg	P4
STP	9KG	S3
STP	9kg	S5
STP	9 kg	P8
Hose		1
Hose		2

Plus 2 Extra extinguishers inside Toilets next to Parking/tennis court

Immunology				Q1	Pas
	Q2	Passage	STP	9 kg	
	Q3	Next toilet	CO2	5 kg	
	Q4	Boardroom	STP	2 kg	

Boikutsung					
STP	9 kg	Kitchen			S16

STP	4.5 kg	School			S5
STP	4.5 kg	School			S6
STP	9 kg	Security			S7
STP	9 kg	Church play school			S8

Incineration/Boiler					
STP	9 kg				T1
STP	9 kg				T2
STP	9 kg				T4
STP	9 kg				T5
STP	9 kg				T6

Motor Fleet					
STP	9 kg				U1
STP	9 kg				U2
STP	4.5 kg				U3
STP	5 kg				U4
STP	5 kg				U5
Hose	9 kg				U6

Electrical substation

W1	Parasitology substation	STP	9 kg
W2	Parasitology substation	STP	9 kg
W3	Parasitology substation	STP	9 kg
W4	Chemical store	STP	9 kg
W5	Flammable store	STP	9 kg
W6	Next Oil store	CO2	5 kg
W7	Parasitology Stable	CO2	5 kg
W8	Parasitology Stable	CO2	5 kg
W9	Abattoir	CO2	5 kg
W10	Abattoir	CO2	5 kg
W11	Abattoir	CO2	5 kg
W12	Ablution B	CO2	5 kg
W13	Ablution B	CO2	5 kg
W14	Single Quarters	CO2	5 kg
W15	Single Quarters	CO2	5 kg
W16	Single Quarters	CO2	5 kg

Library

X1	Conference Room	CO2	2 kg
X2	Information room	CO2	2 kg
X3	Photocopy room	CO2	2 kg
X4	Hall	CO2	5 kg
X5	Hall	CO2	5 kg
X6	Hall	CO2	5 kg
X7	Upstairs	CO2	5 kg
X8	Upstairs	CO2	5 kg
X10	Hall	CO2	5 kg
X11	Hall	STP	5 kg

	X12	Office 3	CO2	5 kg
	X13	Hall	CO2	5 kg
	X14	Upstairs	CO2	2 kg
	X15	Upstairs	CO2	5 kg
	X16	Upstairs	CO2	5 kg
	X17	Upstairs	CO2	5 kg
	X18	Hall	Hose	
	X19	Entrance	CO2	5 kg
	X9	Upstairs	CO2	5KG
Security Gate	8	Office	STP	2 kg
	9	Office	STP	2 kg
	10	Office	Hose	
	11	Gate	Hydrant	
	13	Gate	Hose	
OVR Clinic	G1	Consulting room	CO2/STP	2kg
Single Quarters Building				
	AQ1	ground floor	CO2	4kg
	AQ2	ground floor	CO2	9kg
	AQ3	ground floor	CO2	4kg
	AQ4	ground floor	Hose	
	AQ5	1st floor	CO2	4.5kg
	AQ6	1st floor	CO2	4.5kg
	AQ7	Back yard parking area	Hose	
Abattoir Building				
	Z1	Inside door 064	CO2	5kg
	Z2	Inside door 063	CO2	5kg
	Z3	inside door 055	STP	9kg
	Z4	inside door 050	STP	9kg
	Z5	inside door 045	CO2	5kg
	Z6	inside door 057	STP	9kg
	Z7	inside door 059	CO2	5kg
	Z8	inside	CO2	5kg
	Z9	inside	CO2	5kg
