



public works
& infrastructure

Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

**DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE
DURBAN REGIONAL OFFICE**

REFERENCE NUMBER –DBNQ24/11/16

**SERVICE DESCRIPTION :ONCE OFF YEARLY SERVICE - ALL
CLIENTS: SERVICE, REPAIR AND / OR REPLACEMENT OF
FIRE EQUIPMENT AT AMAJUBA DISTRICT**

SUBMITTED BY:

Company Name: _____

CSD registration: _____

CLOSING DATE: 22/11/2024 @11:00
Box Number 16 – 157 Monty Naicker Street

TECHNICAL ENQUIRIES	OTHER ENQUIRIES
Name: Vama Khumalo Contact number: 067 416 7424 Email: vama.khumalo@dpw.gov.za	Name: Gugulethu Mbongwa Tel no.: 031 314 7003 Email : gugulethu.mbongwa@dpw.gov.za



public works
& infrastructure

Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

Private Bag X54315, DURBAN 4000 Int. Code: +27 31 Tel: 314 7000 website: www.publicworks.gov.za
Supply Chain Management: Miss Gugulethu Mbongwa – 031 314 7003
Project Leader – Mr. Khumalo

REQUEST FOR QUOTATION

You are hereby invited to submit a quotation for the supply and delivery of the following service to be rendered at **AMAJUBA DISTRICT - DBNQ24/11/16**

Bid response documents to be deposited in the bid box situated at: **National Department of Public Works and Infrastructure: 157 Monty Naicker Road (Bidders to note that entrance in Dr Pixley ka Seme is temporally closed)**

Item	Description	Quantity / Period
1	ONCE OFF YEARLY SERVICE - ALL CLIENTS: SERVICE, REPAIR AND / OR REPLACEMENT OF FIRE EQUIPMENT AT	TWELVE MONTHS

CLOSING DATE: 22/11/2024 : CLOSING TIME @ 11:00AM

NB: No late documents will be accepted.

Kindly submit your quotation by fully completing the attached bid document and bill of quantities or specifications attached in hereunder, and clearly indicate the delivery period and the validity period of your quotation, Kindly also clearly indicates if you price includes or excludes VAT. ***"You may claim VAT only if you are a VAT Vendor"***.

TERMS AND CONDITIONS

- If a supplier fails to deliver any or all goods or fails to deliver the required services within the specified period on the **order/ Contract or appointment letter** the Department of Public Works and Infrastructure may impose a penalty and further deduct from the order / contract a sum of the delayed goods or unperformed services, or terminate the contract in part or in whole.
- The Department of Public Works and Infrastructure quotation documents must be fully completed, signed by the bidder and bear the signature of witnesses and be forwarded to the aforementioned physical address or email, failure to comply with these requirements will result in the quotation being disregarded.

Yours Faithfully

THOKOZANI ZWANE
ASD - SCM: ACQUISITION

SIGNATURE: _____

DATE: 7/11/2024

PA 32: INVITATION TO BID PART A

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (NAME OF DEPARTMENT/ PUBLIC ENTITY)			
BID NUMBER:	DBNQ24/11/16	CLOSING DATE:	22/11/2024
		CLOSING TIME:	
DESCRIPTION	ONCE OFF YEARLY SERVICE - ALL CLIENTS: SERVICE, REPAIR AND / OR REPLACEMENT OF FIRE EQUIPMENT AT AMAJUBA DISTRICT		
THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (DPW04.1 GS or DPW04.2 GS).			
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)			

SUPPLIER INFORMATION			
NAME OF BIDDER			
POSTAL ADDRESS			
STREET ADDRESS			
TELEPHONE NUMBER	CODE	NUMBER	
CELLPHONE NUMBER			
FACSIMILE NUMBER	CODE	NUMBER	
E-MAIL ADDRESS			
VAT REGISTRATION NUMBER			
	TCS PIN:	OR	CSD No:
SIGNATURE OF BIDDER		DATE	
CAPACITY UNDER WHICH THIS BID IS SIGNED (Attach proof of authority to sign this bid; e.g. resolution of directors, etc.)			

TOTAL NUMBER OF ITEMS OFFERED		TOTAL BID PRICE ('ALL APPLICABLE TAXES)	R
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:		TECHNICAL INFORMATION MAY BE DIRECTED TO:	
DEPARTMENT/ PUBLIC ENTITY		CONTACT PERSON	
CONTACT PERSON		TELEPHONE NUMBER	
TELEPHONE NUMBER		FACSIMILE NUMBER	
FACSIMILE NUMBER		E-MAIL ADDRESS	
E-MAIL ADDRESS			

PART B TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:
1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED-(NOT TO BE RE-TYPED) OR ONLINE
1.3. BIDDERS MUST REGISTER ON THE CENTRAL SUPPLIER DATABASE (CSD) TO UPLOAD MANDATORY INFORMATION NAMELY: (BUSINESS REGISTRATION/ DIRECTORSHIP/ MEMBERSHIP/IDENTITY NUMBERS; TAX COMPLIANCE STATUS; AND BANKING INFORMATION FOR VERIFICATION PURPOSES).
1.4. WHERE A BIDDER IS NOT REGISTERED ON THE CSD, MANDATORY INFORMATION NAMELY: (BUSINESS REGISTRATION/ DIRECTORSHIP/ MEMBERSHIP/IDENTITY NUMBERS; TAX COMPLIANCE STATUS MAY NOT BE SUBMITTED WITH THE BID

DOCUMENTATION.

- 1.5. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT 2000 AND THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER LEGISLATION OR SPECIAL CONDITIONS OF CONTRACT.

2. TAX COMPLIANCE REQUIREMENTS

- 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VIEW THE TAXPAYER'S PROFILE AND TAX STATUS.
- 2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) OR PIN MAY ALSO BE MADE VIA E-FILING. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E-FILERS THROUGH THE WEBSITE WWW.SARS.GOV.ZA.
- 2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS TOGETHER WITH THE BID.
- 2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE PROOF OF TCS / PIN / CSD NUMBER.
- 2.6 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.

3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS

- 3.1. IS THE BIDDER A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? ☐ YES ☐ NO
- 3.2. DOES THE BIDDER HAVE A BRANCH IN THE RSA? ☐ YES ☐ NO
- 3.3. DOES THE BIDDER HAVE A PERMANENT ESTABLISHMENT IN THE RSA? ☐ YES ☐ NO
- 3.4. DOES THE BIDDER HAVE ANY SOURCE OF INCOME IN THE RSA? ☐ YES ☐ NO
- IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN, IT IS NOT A REQUIREMENT TO OBTAIN A TAX COMPLIANCE STATUS / TAX COMPLIANCE SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 ABOVE.**

NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

Note Well:

- a) In respect of non VAT vendors the bidders may not increase the bid price under Section 67(1) of the Value Added Tax Act of 1991 where the relevant transaction would become subject to VAT by reason of the turnover threshold being exceeded and the bidder becomes liable for VAT.
- b) **All delivery costs must be included in the bid price, for delivery at the prescribed destination.**
- c) The price that appears on this form is the one that will be considered for acceptance as **a firm and final offer.**
- d) The grand total in the pricing schedule(s), inclusive of VAT, attached to the bid offer must correlate and be transferred to this form (PA32).
- e) Where there are inconsistencies between the grand total price offer in the pricing schedule(s) and the PA32 price offer, the price offer on the PA32 shall prevail and deemed to be firm and final. No further correspondence shall be entered into in this regard.

¹ All applicable taxes" includes value- added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies



SERVICE AND REPAIR FIRE-FIGHTING EQUIPMENT

UNPLANNED MAINTENANCE

SCOPE BRIEFING

This service covers all fire-fighting equipment under KZN, Amajuba District for the clients listed on the specification.

Vama Khumalo

Chief Works Manger

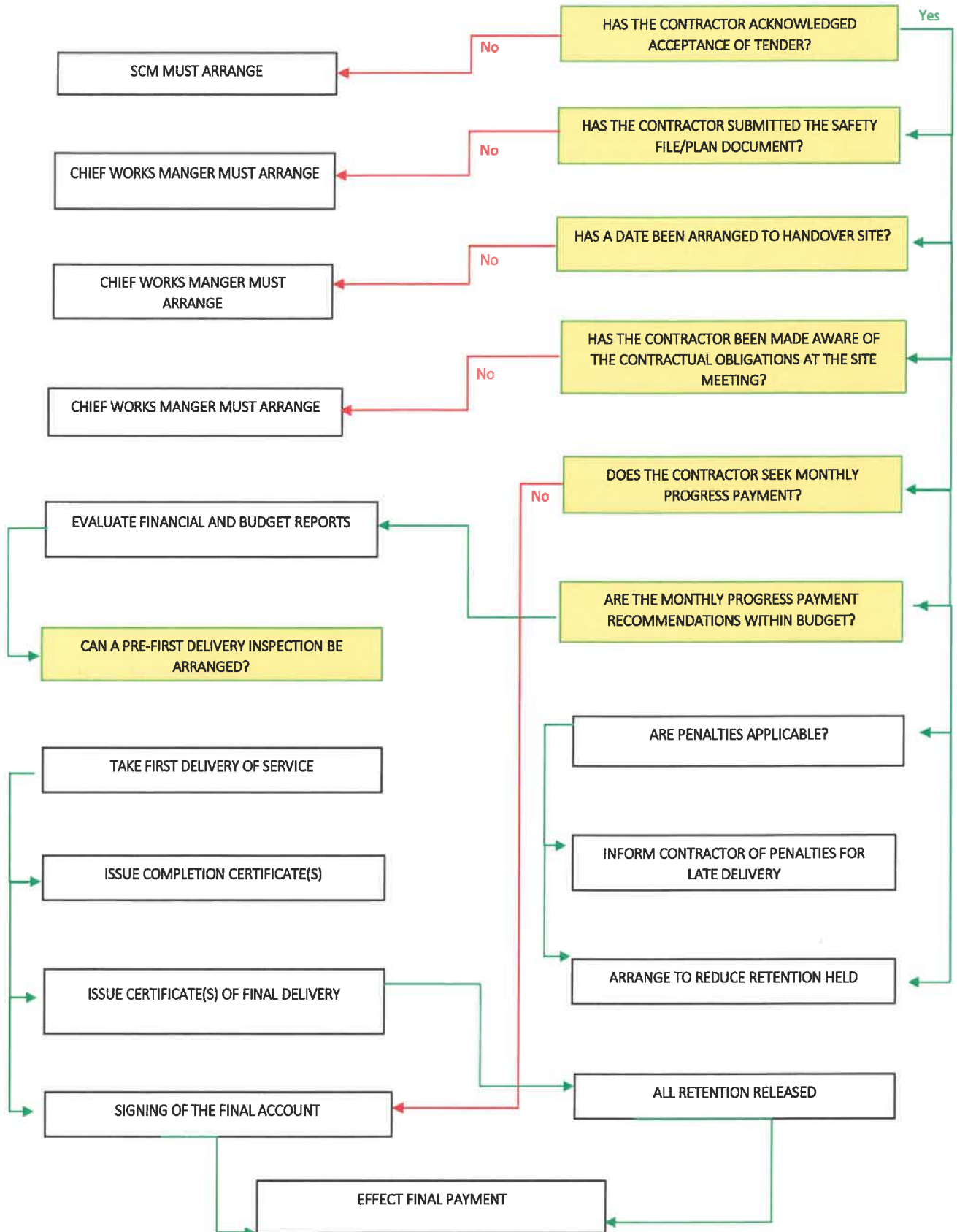
is to be noted that clauses in this specification are referenced from the PA-10 Condition of contract and should any clauses in this specification contrast with those of the PA-10, the clauses in the PA-10 will rule over these.

Table of Contents

1	SPECIAL CONDITIONS OF CONTRACT.....	4 - 17
	1.1 Construction Site Handover Flow Chart.....	4
2	DETERMINATION OF STANDARD AGENDA ITEMS.....	5
3	HANDING OVER SITE – ALSO TO BE READ WITH ITEM 2 ABOVE.....	5
	3.1 Site Establishment.....	6
4	SITE MEETINGS AND STANDARD AGENDA ITEMS.....	7
	4.1 Site Inspections.....	8
	4.2 Site Records.....	8
	4.3 Phased Completion.....	9
	4.4 Contract Programme.....	9
	4.5 Weekend And Holiday Work.....	9
	4.6 Claims For Delay.....	9
5	SITE INSTRUCTION BOOK AND VISITORS DIARY.....	9
	5.1 Site Instructions.....	9
	5.2 Visitors Diary.....	10
6	SUPERVISION BY CHIEF WORKS MANAGER.....	10
	6.1 Contractor To Provide A Site Representative.....	10
	6.2 Supervision By Departmental Personnel.....	10
	6.3 Progress Reports.....	11
7	EXTENSION OF PRACTICAL COMPLETION DATE.....	11
8	PENALTIES.....	11
	8.1 Introduction.....	11
	8.2 Penalties For Late Completion.....	11-12
	8.3 Penalties – Imposing and Applications for Waiving of Penalties.....	13
9	PROCEDURE FOR CONTRACT PAYMENTS.....	13
10	COMPLETION CERTIFICATE (“Practical Completion”).....	13
	10.1 Pre-Inspection.....	13
	10.2 Practical Completion.....	13
11	MANAGING DEFAULT BY CONTRACTOR IN TERMS OF THE PROJECT CONTRACT CONDITIONS.....	14
	11.1 Introduction.....	14
	11.2 Addressing Default by the Contractor.....	15-17
12	GUIDELINES FOR CANCELLATION – TERMINATION OF A CONTRACT BY EMPLOYER DUE TO DEFAULT BY A CONTRACTOR.....	17
	12.1 Decision to Cancel Defaulting Contractor’s Contract.....	17
	12.2 Cancellation Submission to Bid Committees for Recommendation.....	17
	12.3 Assessment of Cancellation Submission by Bid Committees.....	17
	12.4 Effect the Approved Cancellation Process.....	18
	13.5 Legal Service Vetting of Notice.....	18
	12.5 Sign Cancellation Notice.....	18

	12.6 Cancellation in Effect.....	18
	12.7 Secure Site during Cancellation in Effect.....	18
	12.8 The Contractor Dispute the Cancellation.....	18
	12.9 Defaulting Contractor Cost Recovery Process.....	18
13	SECURE SITE IF ABANDONED BY THE CONTRACTOR OR CONTRACT	
	TERMINATED.....	18
	13.1 Secure the Site.....	18
	13.2 Cost to Secure the Site.....	18
14	CONTRACT COMPLETION REPORT, CONTRACTOR'S ANALYSIS REPORT AND IMPOSING	
	OF PENALTY.....	42
15	APPROPRIATION (AS BUILT) DRAWINGS.....	62
16	TECHNICAL SPECIFICATION.....	63
	16.1. Introduction.....	21 – 62
	16.2. Purpose of this document.....	22
	16.3. Facilities.....	22
	16.4. Scope of Work.....	22
	16.5. Reference Documents.....	22
	16.6. Definitions.....	22
	16.7. Contract Specification.....	22
	16.8. Maintenance Defects.....	22
	16.9. Compliance with OHS Act.....	22
	16.10. Warranty.....	22
	16.11. Provision of Service.....	22
	16.12. Servicing and Pricing of Fire Extinguishers.....	22
	16.13. Servicing of Fire Hose Reels.....	22
	16.14. Servicing of Fire Hydrants.....	22
	16.15. Servicing of Lay Flat Hoses.....	22
	16.16. Servicing and Maintenance of Dry Powder Trolleys.....	22
	16.17. Servicing of FM200 systems.....	22
	16.18. Servicing of Sprinkler Systems.....	22
	16.19. Replacement of Fire Equipment.....	22
	16.20. Fire Register.....	22
	16.21. Schedule of Quantities.....	22
	16.22. Quality Control.....	22
	16.23. Bill of Quantities.....	22

Construction Phase Flow Chart



The Contract agreement comes into effect on the date when the contractor receives one fully signed copy of the Form of Offer and Acceptance, a copy of Suppliers Advise which may be interpreted as Purchase Order or a copy of a fully signed Appointment Letter. These document are processed and sent via by the Supply Chain Management Department, therefore for contractual reasons the commencement date will be determined by the Chief Works Manager following approval of the Safety File or Safety plan document by Departmental Safety Official.

As a background to the above matter the following information is provided in order to give guidance to the Department of Public Works & Infrastructure personnel in dealing with contractual matters.

- i. The Contractor is given a letter (Purchase Order, Form of Offer or Appointment letter) for tender in which an intent for a contract award is given provided that within seven (7) calendar days of date of communication, Depending on the terms of the Contract Agreement the following standard information is furnished:-
 - a) A Construction Safety, Health and Environmental Plan
 - b) Proof of having insurance cover.(NOTE: A further seven (7) calendar days extension may be granted resulting in a maximum of fourteen (14) calendar days to furnish all information. A letter must be issued to the Contractor granting the seven (7) days extension.
- ii. An Approved Construction Safety Plan will be given to the Contractor at Site handover.
- iii. The Commencement date of the contract will start on the site handover date.
- iv. After the site has been handed over, the contractor must establish himself on the site and actually commence work within five (5) calendar days. If this does not happen then the contractor is to be ordered in writing by the employer to commence both site establishment and work, failing which the contractor is in breach of the contract.

3 HANDING OVER OF SITE – ALSO TO BE READ WITH ITEM 1 ABOVE

The date for the handing over of the site to the Contractor must be arranged by the Chief Works Manager, in consultation with all persons concerned. The date and time decided upon must be communicated, in writing, to all involved in the process and a record of this arrangement to be placed on the Project File.

The Chief Works Manager / principle Agent is to notify the Contractor of the date on which the site is to be handed over.

It is necessary to calculate the length of the contract construction period correctly. For example if the contract period is 4 weeks and the site is handed over on 1 July on a Monday, the contact period from construction commencement date to practical completion is 28 July (not 29 July).

The site handover shall commence with a site handover meeting. The site handover meeting must be chaired by the Chief Works Manager / Principle Agent, and the site handed over by the Chief Works Manager to the Contractor.

The following persons must be present:

- (i) Chief Works Manager (NDPWI)
- (ii) OHS representative (NDPWI)
- (iii) Client Department (Head of Facility, to be invited in writing)
- (iv) Contractor

Ensure that a Site Handover Certificate is completed and distributed to all concerned at the earliest possible day after the site handover. Copies to be placed on Project file and emailed to Contractor.

The following items must be thoroughly discussed (as minimum) at the handing over of the site and form the site handover agenda:

- (i) Site meetings
- (ii) Site instructions
- (iii) Site records
- (iv) Contract programme
- (v) Weekend and holiday work
- (vi) Claims for delays
- (vii) Site establishment
- (viii) Security of the site
- (ix) Identification of site representative and key personnel
- (x) EPWP (Expanded Public Works Programme), if applicable
- (xi) Safety (OHS Act)
- (xii) Planned site visits by Chief Works Manager

3.1 Site Establishment

Working space is to be defined and protected areas identified by both the Chief Works Manager / Control Works Manager and Head of Institution concerned. These matters must be finalised prior to completing the tender document. The type and location of fencing to the work area is to be decided and specified. If the contract is to be carried out in phases, cognisance must be taken of this factor when placing site huts and fencing work areas.

- (I) **Access to Site and Public Roads, Kerb Etc.**
Hoardings, fencing requirements, access from public roads (which matters should have been finalised prior to completing the tender document) are to be agreed between the Contractors and Local Authority.
- (ii) **Name Board**
The Chief Works Manager must issue a drawing showing the wording to be used. The sitting is to be agreed with the Chief Works Manager. The Contractor's boards are to be displayed in an orderly manner after approval by the Head: Public Works.
- (iii) **Plant**
No noisy plant is to be located near existing buildings which are occupied.
- (v) **Municipal Services and Connections (used during construction)**
The Contractor is to organise the following as soon as possible:-
 - a) A separate electrical connection. Alternatively the Contractor is to supply and install his own meter connected to the institution's supply and pay the institution for all current consumed on a monthly basis. Monthly readings are to be noted in the Site Minutes. Or supply of his own electrical generator and accessories required.
 - b) The contractor may ask the head: Public Works support his application for a telephone if he has difficulties. The Contractor must pay for the installation and all costs.
 - c) **Water for the Works.**

- **For earthworks contracts** the meter and connection is to be arranged and paid for by the Contractor in the name of the KwaZulu-Natal National Administration.
- **For building contracts** the Contractor is to arrange for his own connection and meter or forfeit ½% of contract to the institutions supply and pay the institution for all water consumed on a monthly basis. Monthly readings are to be noted in the Site Minutes.

The Contractor's decision is to be noted in the site meeting minutes.

d) **Toilets**

- The type of temporary toilets must be established and the toilets provided immediately. The local Authority's approval of the facilities must be obtained. Where it is practical, a temporary connection to a municipal sewer must be made.
- Contractor's may under no circumstances use facilities of an occupied site.

(vi) **Protection of Trees Etc.**

The Deputy Director is to indicate trees and other features which must be protected. No trees are to be removed without prior authority, nor are any trees which are to remain to be damaged in any way.

(vii) **Identification of Personnel**

Personnel of the contractor must wear identification clothing at all times.

4 **SITE MEEINGS AND STANDARD AGENDA ITEMS**

Where the complexity of the project warrants the holding of regular site meetings, these meetings are to be held at least once monthly.

The project site meetings are to be held at least once monthly.

It's is the duty of the Chief Works Manager to see that business proceedings and any decisions taken at site meetings are adequately recorded and that minutes of the meetings are produced within five (5) working days after meeting

The Chief Works Manager/Principle Agent as conveyor of the meetings, must be informed by the Contractor as to who of his staff requires to attend the meetings. The Chief Works Manager/Principle Agent will indicate approval or otherwise of these nominations

Minutes of site meetings must be taken and kept by Chief Works Manager/Principle Agent; and they must contain the following minimum information in addition to the business content of the meetings.

- (i) Relevant Project File number
- (ii) Name of the project, which must relate to the title on the Bills of Quantities document
- (iii) Number, time of day and date of meeting.

- (iv) List of persons attending the meeting, their designation and the organisation which they represent (i.e. Contractor, Client, Projects Manager, etc.).
 - (v) Apologies from persons who would normally attend the meetings but are not present.
 - (vi) Confirmation (signed) or otherwise of the minutes of the previous meeting and any necessary amendments or comments.
 - (vii) Matters arising from previous meetings which require finalisation.
 - (viii) New matters.
 - (ix) Items which arise for the first time and require recording.
 - (x) A brief Progress report, including
 - a) % Time lapsed
 - b) % Money spent
 - c) % Overall completion
 - (xi) Delays: These should be reflected separately in the minutes i.e.
 - a) Inclement Weather.
 - b) Material Supply problems
 - (xii) Safety issues
 - (xiii) The date and time for the holding of the next meeting.
 - (xiv) The contract duration.
 - (xv) Approved extensions to practical completion.
 - (xvi) List of the distribution of the minutes (containing where applicable, the addresses of the recipients – this is to forestall a claim for non-receipt of minutes due to incorrect address) – duty of the Chief Works Manager/Control Works Manager.
 - a) 2 copies to Head of Department
 - b) Number of copies required by the Contractor with a maximum of 6
 - c) Any person authorised to receive copies of the minutes may request extra copies but must make private arrangements with the Chief Works Manager/Control Works Manager with regards to payment for the extra copies.
- It is the duty of the Chief Works Manager/Control Works Manager to see that the business proceedings and any decisions taken at site meetings are adequately recorded and that minutes of the meetings are produced as soon as possible after the meeting.

4.1 Site Instructions

These must be recorded and officially confirmed by the Chief Works Manager/Control Works Manager. As soon as possible. An Instruction Book must be available at all times, and its use limited to defined people such as the Inspectorate Staff and Chief Works Manager.

4.2 Site Records

The Contractor is to maintain his own records on site for labour and plant, which must be available to the Chief Works Manager/Control Works Manager. Site instruction books are available from the Regional Office.

4.3 Phased Completion

Any special requirements by the Client Department are to be explained in the tender documents together with special conditions relating to retention and reduction of penalties where applicable. Details must be incorporated in the contract programme.

4.4 Contract Programme

The Contractor must prepare a realistic programme chart for the work which must be approved by the Chief Works Manager/Control Works Manager, and keep it up-to-date. The phasing of the contract (where specified in the tender document) must be indicated.

4.5 Weekend and Holiday Work

This may be undertaken on written request to the Chief Works Manager/Control Works Manager for approval and if acceptable to the Client Department.

- (i) All work undertaken must remain exposed for inspection
- (ii) No work shall be done unless proper arrangements for inspection have been made with the Chief Works Manager/Control Works Manager.

4.6 Claims for Delay

The contract period includes all statutory holidays and holidays recognised in the building industry. The Chief Works Manager will maintain his own records on weather conditions and also note any delays in the delivery of materials. The Chief Works Manager/Control Works Manager shall be responsible to capture this information with copies of records at each site meeting.

5 SITE INSTRUCTION BOOK AND VISITORS DIARY

5.1

A site instruction book must be issued at the handing over of the site. Arrangements must be made where the Site Instruction Book will be kept on site should the contractor not require a Site Office to be provided by the Contractors.

The Site Instruction Book must not be removed from the site until "completion" of the contract has been taken. In the event of the Site Instruction book being mislaid. It must be replaced with the cost thereof being for the account of the Contractor.

Site instructions, commencing from the front of the book, must be recorded and officially confirmed by the Chief Works Manager as soon as possible. A site instruction book must be available on site at all times, and its use limited to specific persons such as the Inspectorate and Chief Works Managers.

The site instruction must contain

- (i) Contact numbers and addresses of Contractor, Chief Works Manager and Head of Department.
- (ii) The contract description and contract number. (this information must be reflected on the front cover page of the Site Instruction Book)

Instructions as to the use of the Site Instruction Book must be prepared and pasted on the back of the front cover with a role requesting visitors to sign at the back of the book.

All site, and other instructions, relating to the contract, whether verbal or telephonic, must be recorded in the Site Instruction Book and signed / countersigned by the Chief Works Manager

and the Contractor. Any site instruction with a financial implication must be counter signed for approval of funding available by the accounting officer.

No changes or alterations to the service, discussed during the course of site meetings, are to be implemented until a formal instruction has been recorded in the Site Instruction Book and where a site instruction necessitates it.

On the day that "completion" of any project is taken and the Completion Certificate is issued, the last site instruction is to be numbered, signed by the officer taking delivery of the project and issued to and signed by the Contractor and is to be worded as follows:

His site instruction, number.....indicates that "Practical Completion" of this project has been taken and this is the last site instruction that will be issued on this project."

5.2 Visitors Diary

The Site Instruction Book will be used as the official records of visits to the site. The recording of visits to site will commence from the end of the Site Instruction Book and be carried towards the front of the book until a stage is reached where this information meets with the issued Site Instructions. When this occurs the book must be safely kept for conclusion with the contract document file and a new Site Instruction Book be taken into use.

Visitors to the site, e.g. Chief Works Manager, Client Department representative's members and other involved persons must, except when attending official site meetings, must be requested to complete the back section of the Site Instruction Book, known as the Visitors Diary, and provide:

- (i) Names,
- (ii) Contact number and addresses,
- (iii) Date and times of visits , and
- (iv) Comments.

A visitor may keep one page as a record of the comments made and, if so desired, forward a copy thereof to the Chief Works Manager for nothing. The copies are distributed as follows:

- (i) One to Chief Works Manager
- (ii) One to the Contractor
- (iii) One to remain in the book

6 SUPERVISION BY WORKS MANGER/ INSPECTOR, IF APPOINTED

Due to the non-availability of works inspectors in the region the task to supervise works lies with the Chief Works manager/Chief Works Manager.

The main functions are: Quality Control

- (i) Foundation re-measurement
- (ii) Monthly / weekly reports
- (iii) Compilation of Daily Diary
- (iv) Control of Site Instruction Book 5.1
- (v) Assistance with the setting out of buildings, and in general to see that what is specified on the drawings is in fact built. Where possible, instructions to Contractor should be through the Works Manager

6.1 Contractor To provide A Site Representative

The Contractor shall constantly keep upon the works a competent foreman/Contractor's Site Representative.

6.2 Supervision By Departmental Personnel

Supervision by Officers of the Department of Public Works may carry out inspections at any time. Any comment or amendments which they may consider necessary as a result of these inspections must be conveyed to the Chief Works Manager/Control Works Manager, through whom all instructions to the Contractor will normally be given.

In the event of any difference of opinion between a Regional Inspectorate concerning any particular finish, method of construction or detail, the matter must be referred by the Deputy Director to the accounting Head of Department for a decision.

6.3 Progress Reports

The Chief Works Manager must prepare the weekly / monthly reports.

7 EXTENSION OF PRACTICAL COMPLETION DATE

Approval of request received from contractors for the extension of the Practical Completion Dates of contracts are processed in terms of the relevant clause and stated time of the particular Agreement and SCM Delegation

The Contractor must submit within the specified time of the relevant Clause of the Agreement and any requests for extension to the Practical Completion Dates to the Chief Works Manager/Control Works Manager

The Chief Works Manager must submit any request made by the Contractor for extension of the Practical Completion Dates to the BEC

The Chief Works Manager/Control Works Manager must indicate whether he/she supports the application or not before submission for acceptance and final approval or not by either the delegated Deputy Official or the BEC

All extensions to Practical Completion Dates must be recorded in the minutes of Site Meetings

The extension to Practical Completion Date are to be calculated in working (not calendar) days

NB No extension to the Construction Period may be granted after the expiry of the Contract.

8 PENALTIES

8.1 Introduction

Both the Treasury and the approved that in the case of Building and Allied Industry contracts, the Department of public Works & Infrastructure has the authority to specify, in tender / contract documents which include the Department's adopted Agreement, the penalty for failure to render the service within the stipulated or extended contract period in a specific monetary amount per day **based on 0.04% of the contract sum of the project at the time of preparing the tender document**. The Scale of Penalties to apply for *estimating purpose only* is set out in the table below. The *actual penalty* amount is calculated on the following basis.

The Penalty for falling to complete the whole of the Works is:

- 0.04% of the contract sum excluding VAT round up to the nearest R10

If the Works is to be completed in portions, the following is also applicable:

- The penalty for failing to complete particular portions of the Works shall be 0.04% of the value of that Section round up to the nearest R 10

In the case of contracts resulting from the acceptance of quotation, the penalty is calculated as set out in the quotation documents.

8.2. Penalties For Late Completion

The scale of Penalties below for estimating purposes only has been calculated applying 0.04%

ESTIMAED COST R			PENALTY PER DAY R	ESTIMATED COST R			PENALTY PER DAY R
0	-	10 000,00	4	1 000 001,00	-	1 050 000,00	420
10 001,00	-	20 000,00	8	1 050 001,00	-	1 100 000,00	440
20 001,00	-	30 000,00	12	1 100 001,00	-	1 150 000,00	460
30 001,00	-	40 000,00	16	1 150 001,00	-	1 200 000,00	480
40 001,00	-	50 000,00	20	1 200 001,00	-	1 250 000,00	500
50 001,00	-	60 000,00	24	1 250 001,00	-	1 300 000,00	520
60 001,00	-	70 000,00	28	1 300 001,00	-	1 350 000,00	540
70 001,00	-	80 000,00	32	1 350 001,00	-	1 400 000,00	560
80 001,00	-	90 000,00	36	1 400 001,00	-	1 450 000,00	580
90 001,00	-	100 000,00	40	1 450 001,00	-	1 500 000,00	600
100 001,00	-	110 000,00	44	1 500 001,00	-	1 550 000,00	620
110 001,00	-	120 000,00	48	1 550 001,00	-	1 600 000,00	640
120 001,00	-	130 000,00	52	1 600 001,00	-	1 650 000,00	660
130 001,00	-	140 000,00	56	1 650 001,00	-	1 700 000,00	680
140 001,00	-	150 000,00	60	1 700 001,00	-	1 750 000,00	700
150 001,00	-	160 000,00	64	1 750 001,00	-	1 800 000,00	720
160 001,00	-	170 000,00	68	1 800 001,00	-	1 850 000,00	740
170 001,00	-	180 000,00	72	1 850 001,00	-	1 900 000,00	760
180 001,00	-	190 000,00	76	1 900 001,00	-	1 950 000,00	780
190 001,00	-	200 000,00	80	1 950 001,00	-	2 000 000,00	800
200 001,00	-	210 000,00	84	2 000 001,00	-	2 050 000,00	820
210 001,00	-	220 000,00	88	2 050 001,00	-	2 100 000,00	840
220 001,00	-	230 000,00	92	2 100 001,00	-	2 150 000,00	860
230 001,00	-	240 000,00	96	2 150 001,00	-	2 200 000,00	880
240 001,00	-	250 000,00	100	2 200 001,00	-	2 250 000,00	900
250 001,00	-	275 000,00	110	2 250 001,00	-	2 300 000,00	920
275 001,00	-	300 000,00	120	2 300 001,00	-	2 350 000,00	940
310 001,00	-	325 000,00	130	2 350 001,00	-	2 400 000,00	960
325 001,00	-	350 000,00	140	2 400 001,00	-	2 450 000,00	980
350 001,00	-	375 000,00	150	2 450 001,00	-	2 500 000,00	1000
375 001,00	-	400 000,00	160	2 500 001,00	-	2 550 000,00	1020
400 001,00	-	425 000,00	170	2 550 001,00	-	2 600 000,00	1040
425 001,00	-	450 000,00	180	2 600 001,00	-	2 650 000,00	1060
450 001,00	-	475 000,00	190	2 650 001,00	-	2 700 000,00	1080
475 001,00	-	500 000,00	200	2 700 001,00	-	2 750 000,00	1100
500 001,00	-	525 000,00	210	2 750 001,00	-	2 800 000,00	1120
525 001,00	-	550 000,00	220	2 800 001,00	-	2 850 000,00	1140
550 001,00	-	575 000,00	230	2 850 001,00	-	2 900 000,00	1160
575 001,00	-	600 000,00	240	2 900 001,00	-	2 950 000,00	1180
600 001,00	-	625 000,00	250	2 950 001,00	-	3 000 000,00	1200
625 001,00	-	650 000,00	260	3 000 001,00	-	3 100 000,00	1220
650 001,00	-	675 000,00	270	3 100 001,00	-	3 200 000,00	1280
675 001,00	-	700 000,00	280	3 200 001,00	-	3 300 000,00	1320
700 001,00	-	725 000,00	290	3 300 001,00	-	3 400 000,00	1360
725 001,00	-	750 000,00	300	3 400 001,00	-	3 500 000,00	1400
750 001,00	-	775 000,00	310	3 500 001,00	-	3 600 000,00	1440

775 000,00	-	800 000,00	320	3 600 001,00	-	3 700 000,00	1480
800 001,00	-	825 000,00	330	3 700 001,00	-	3 800 000,00	1520
825 001,00	-	850 000,00	340	3 800 001,00	-	3 900 000,00	1560
850 001,00	-	875 000,00	350	3 900 001,00	-	4 000 000,00	1600
875 001,00	-	900 000,00	360	4 000 001,00	-	4 100 000,00	1640
900 001,00	-	925 000,00	370	4 100 001,00	-	4 200 000,00	1680
925 001,00	-	950 000,00	380	4 200 001,00	-	4 300 000,00	1720
950 001,00	-	975 000,00	390	4 300 001,00	-	4 400 000,00	1760
975 001,00	-	1 000 000,00	400	4 400 001,00	-	4 500 000,00	1800

8.3. Penalties – Imposition and Applications for Waiving of Penalties

Penalties must be strictly imposed when a contract has not been completed by the completion date or any approved extension thereof. The necessary deductions must be made in all payments processed after the due date or extended due date for completion of the Contract. Should a contractor appeal in writing against the imposition of penalties and motivate for the waiving of same, the appeal must be considered and receive a written response.

The Treasury Regulations issued in terms of the Public Finance Management Act, 1999 (Act No. 1 of 1999) and amendments thereof makes provision in Clause 11.4 to write-off debts owed to the State or to waive debts if the Accounting Officer (Head of Department) is satisfied that it would be to the advantage of the State to effect a settlement. All debts written off must be disclosed in the Annual Financial Statements of the Department of Public Works.

9. PROCEDURE FOR CONTRACT PAYMENTS

Valuations must be made each month, regardless of whether the contractor has requested a payment or not.

10. COMPLETION CERTIFICATE (“Practical Completion”)

This is the stage reached in the contract, as described in the particular Agreement, dealing with the Completion Certificate.

10.1. Pre-Inspection

When the Contractor has stated that, in his opinion, the Works are complete and ready for occupation, the Chief Works Manager, and the Client Department’s Planner or his authorised representative must carry out an inspection of the Works.

Where necessary, any outstanding work, defects or inadequacies, in terms of the Contract, are to be listed and such list handed to the Contractors for attention.

The list is for guidance only and is not to be deemed to be all-inclusive. It must also not be used by the Contractor to relieve him of his responsibilities in terms of the Contract.

10.2. Practical Completion

On completion of all unsatisfactory or incomplete works, a further inspection will be carried out by the Chief Works Manager and the Client Department’s Planner or representative and if the Works are acceptable, “Practical Completion” will be taken.

The Chief Works Manager, must arrange the preparation of a Key Schedule and obtain all keys from the Contractor, to which suitable identifying tags must be securely attached.

Arrangements are to be made for the keys of the section and completed work to be handed over and signed for on behalf of the Client Department concerned.

Arrangements are also to be made for the handing over of all operating and maintenance manuals as specified / required in the tender documents.

11. MANAGING DEFAULT BY CONTRACTOR IN TERMS OF THE PROJECT CONTRACT CONDITIONS

11.1. Introduction

At all times it is of utmost importance that the Chief Works Manager ensures that the project is implemented in accordance with the agreed project plan, applicable contract conditions and tender documents submitted, and that any deviations are addressed timeously.

This section relates to the contractor defaulting on any of its obligations in terms of the aforementioned. Default on the part of the contractor extends to not performing any obligation on the project and may include but not limited to:

- In the case of PA-10 Conditions of Contract - refusing to comply with contract instruction in terms of clause 5, and
- The circumstances set out in clause 12

Please note: - Addressing the defaulting of the contractor occurs prior to the request for cancellation of the contract and needs to be well documented, outlining the steps to remedy the non-compliance.

The clause 12 process map provided below helps diagrammatically show the steps to be followed when the contractor defaults. The written text provides activities and actions that should be followed and takes precedent over the process map.

11.2. Addressing Default by the Contractor

At the outset it must be noted that projects may only have a Departmental official appointed as a Chief Works Manager, thus any reference to him/her in this chapter will apply to the Chief Works Manager.

Whenever it becomes apparent to the Chief Works Manager that a Contractor is defaulting in the terms of the Project, the default must be addressed immediately as set out hereunder.

11.2.1. The Chief Works Manager must:

- 11.2.1.1 Point out the default to the contractor and instruct the contractor on the remedial steps to be taken to comply with obligations and the time-frame by which such default must be remedied. The time-frame shall not be less than 10 working days from the date of the instruction to comply.

Please note that whilst the time-frame will apply to all instances of non-compliance, it was important to set the minimum number of 10 days as indicated, so as to align with the PA-10 Conditions of contract, which make provision for

- *The enforcement of strict compliance with the terms and conditions of the contract.*
- *The termination of this contract without prejudice to any other rights it may have;*
- *The suspension of any further payments to the service provider;*
- *The appointment of other service providers to complete the execution of the service, in which event the Service Provider shall be held liable for costs incurred in connection with and arising from the appointment of such a service provider as well as damages suffered.*

- 11.2.1.2 The instruction shall also be recorded and communicated in the Site Instruction Book. The instruction in the site instruction book must be agreed to and countersigned by the contractor.

- 11.2.1.3 It is important that the default is clearly stated and explained to the contractor, in addition, the remedial instructions(s) must be clear and have precise time-frame, as this will mark the first point that may be constantly referenced should the non-compliance not be timeously remedied.

11.2.1.4 If the default affects the agreed construction programme the instruction must include that the contractor furnish a revised construction programme and construction cash flow to the Chief works Manager that will be evaluated and, if approved by the Chief works manager, used to monitor the progress of the Project.

11.2.1.5 The default must also be recorded at the Site Meeting. The Site Meeting Agenda shall have a standing item for recording non-compliance and the status of these items.

11.2.2. The Contractor must:

11.2.2.1 Upon receiving the instruction from the Chief Works Manager, the contractor must remedy the default within the time-frames provided.

11.2.2.2 If the Contractor alleges that it has remedied its default, the Chief Works Manager shall inspect, approve and sign off that the default has been remedied to his satisfaction, it shall also be recorded at the Site Meeting that the default has been remedied and no further action will be taken against the Contractor.

11.2.2.1 If the Contractor has not remedied its default, the Chief Works Manager must record this at the Site Meeting and report the non-compliance with the instruction to the Departmental Control Works Manager.

11.2.3. The Departmental Chief Works Manager must then submit a report immediately to the Departmental Deputy Director, which report shall include:

- a. The nature of the default
- b. Photographs if applicable;
- c. The instruction given to the default, including the time given and the time lapsed;
- d. A record of the monitoring actions and any follow-up actions if applicable; and
- e. a draft warning letter for signature by the Deputy Director.

11.2.4. Upon receiving the report, the Deputy Director must action and sign off an official warning letter, which shall include the following:

- a. A brief history of the default and the Department's attempt to address same;
- b. A request that a revised work programme be forwarded to the Department indicating how lost time will be made up to meet the contract completion date. The plan or programme of remedial action must also include how the contractor shall make a concerted effort to remedy its default within then (10) working days.

Please Note:

(1) *That this does not mean that the default must be remedied in ten (10) working days; rather, a concerted effort (with physical means of verification) must be made to remedy the default within this 10-day period. At the end or during this 10-day period, the Department should be able to assess as to whether the effort made by the contractor, although not wholly remedying the default, ~~is~~ the concerted effort must be sufficient to convince the Department that the contractor will be able to remedy its default and complete the Project timeously.*

(2) This step means that the project is at a high risk stage of being cancelled and the department is mitigating the high risk in accordance with the contractual conditions. Daily due diligent management oversight from the Department must be carried out and recorded and may be used as evidence should the cancellation notice be approved.

- c. A condition that the Contractor is given f (5) working days, from the date of receipt of this letter, to furnish the aforementioned programme and plan to the Department.
- d. All implications in respect of penalties, taking into account clause....
- e. A paragraph clearly informing the contractor that any further failure to comply shall leave the Department with no alternative but to proceed with termination of the contract.

The letter must be forwarded to the Contractor at its appointed address and a copy must be retained by the Deputy Director, Control Works Manager and Chief Works Manager.

11.2.5. The Chief works Manager must during and at the end of the remedial time period, monitor whether the default is or is not being remedied in accordance with the Contractor's remedial plan and/or programme and report this to the Control Works Manager.

11.2.6. At the end of the 10 day period, the Control Works Manager immediately submit a report to the Deputy Director, which shall conclude that:

- a. The default has been remedied, or that the contractor has made a concerted effort to remedy the default and the contractor will be able to complete the project successfully in accordance with its revised programme; or
- b. The default has not been remedied or that the contractor has not made a concerted effort to remedy the default and the contractor shall not be able to complete the project successfully.
 - Where the PA-10 is the applicable contract and the contractors non-performance falls within the categorised listed under clause 33.1 to 34.5.3, the Chief Works Manager must issue a notice to the Department and to the contractor certifying that in terms of clause 33, it is his opinion that the Contractor falls within one of those categories (these must be specifically stated in his notice with applicable clauses cited), The notice must accompany the Chief Works Manager's report to the Deputy Director.
 - The report must address the issues in paragraph 11.2.3 above and also include the full financial situation of the project including penalties to be imposed on cancellation.

11.2.7. The Deputy Director must, on receipt of the report from the Control Works Manager, consult with the Chief Works Manager and shall then:

- a. Grant approval for the contract to continue against the remedial plan and the default remedied shall be recorded in the Site Instruction Book and at the Site Meeting; or

- b. Recommend that the contract be cancelled. The Chief Works Manager is to then start preparing the submission for cancellation as set out in chapter 14. During the interim period, whilst awaiting approval of the cancellation, the Deputy Director is to submit a notice to the contractor:
- Citing receipt of the clause 34 notice, if applicable;
 - Advising that the Department has noted that the contractor has failed to remedy its default to the satisfaction of the Department;
 - Advising that the Department is currently considering the future of the Project and that the contractor will be notified of Department's stance herein.

12. GUIDELINES FOR CANCELLATION – TERMINATION OF A CONTRACT BY EMPLOYER DUE TO DEFAULT BY A CONTRACTOR

This process will guide the process for cancellation by the Employer where the Contractor has defaulted. A flow chart below explains the process to cancel/terminate a Contract and is in sequence to the following tasks:

12.1. Decision to Cancel Defaulting Contractor's Contract

Once The Deputy Director has made a decision to cancel a contract due to default by the contractor in terms of Chapter 13; he/she must instruct the Chief Works Manager:

- 12.1.1. Firstly, prepare a submission to cancel the contract; and
- 12.1.2. Secondly, consider all procurement options and develop a plan to secure a replacement contractor clearly stating the options available and the process with estimated timelines that can be activated once the Head of Department approves all cancellation.
- 12.1.3. Thirdly, instruction to Legal Services in respect of the cancellation.

12.2. Cancellation Submission to Bid Committees for Recommendation

The Deputy Director after review shall sign and submit the submission through to the Departmental Evaluation & Adjudication Committees for recommendation.

12.3. Assessment of Cancellation Submission by Bid Committees

Once the Evaluation & Adjudication Committees have recommended cancellation, SCM secretariat shall forward the submission to the Head of Department for approval.

12.4. Submission to Head of Department

- 12.4.1. If the HoD approves the cancellation, the SCM secretariat shall deliver the approved submission to the Deputy Director to effect the cancellation.
- 12.4.2. HoD notes/supports the plan to secure a replacement contractor.

12.5. Effect the Approved Cancellation Process

The Chief Works Manger shall prepare the following:

- 12.5.1. First, prepare draft notice of cancellation and forward to Legal Services for vetting, together with a detailed instruction memo, signed off by the Deputy Director, attaching the various reports and the submission for cancellation approved by HoD – see draft Notice attached.

12.5.2. Second, prepare a draft application/motivation report to appoint a new contractor. There may be a few options to consider based on the project status and project circumstances; in the report include the appropriate procurement options that are available in the department and then based on an opinion, recommend the most appropriate procurement option to appoint a new contractor; and

12.5.3. Third, prepare and urgently proceed with

- I. The preparation of "Completion Document" (of the cancelled contractor) and
- II. Keep a record of the additional costs in having to arrange for the new contractor to complete the Works (Additional costs that may arise subsequent to the cancellation of the contractor due to the original Scope of works must be kept separate and not added for recovery from the defaulting Contractor).

12.6. Legal Services Vetting of Notice

Legal Service is to vet the notice and return to the Deputy Director.

12.7. Sign Cancellation Notice

The Deputy Director will be required to sign and forward same (cancellation letter) by registered mail to the contractor.

12.8. Cancellation in Effect

Cancellation will take effect within 14 calendar days (PA-10) of the date of the termination letter. This means that 14 days from the date of the termination letter, the contract will be regarded as being cancelled and the contractor will be required to vacate the site.

12.9. Secure Site during Cancellation in Effect

- 12.9.1. Prior to or at the end of the notice period, the contractor must hand over the keys to site to the Chief Works Manager, and must sign that the keys and the site have been handed over to the Department with the contractor's consent.
- 12.9.2. Within the period mentioned above, the contractor will still be responsible for the site, unless it has notified the Department that it has vacated the site prior to the end of the notice-period.
- 12.9.3. Once the Department has obtained possession of the site, the Chief Works Manager must ensure that the site is secured.

12.10. The Contractor Dispute the Cancellation

Where the contractor disputes the cancellation and/or refuses to hand over possession of the site to the Department, the Deputy Director must refer the matter to Legal Service who will advise on best course of action to pursue. **N.B. If the contractor has engaged attorneys to dispute the cancellation, do not directly contact or communicate with the contractor and negotiate any proposals – the matter is now a legal matter.** Please also note the contractor must not be locked out or removed off the site!

12.11. Defaulting Contractor Cost Recovery Process

The Chief Works Manager and or Control Works Manager must prepare a full status report, covering quality and quantity of work and payments made, with supporting photographs is to be completed at the time of cancellation (Copy to be given to the Contractor).

- 12.11.1. The Chief Works Manager to urgently proceed with the preparation of the completion documents and to keep record of additional costs in having to arrange for another contractor to

complete the Works. Additional costs that may arise subsequent to the cancellation of the Contract due to changes to the original Scope of Works must be kept separate and not added for recovery from the defaulting Contractor.

13. SECURE SITE IF ABANDONED BY THE CONTRACTOR OR CONTRACT TERMINATED

If the contractor has abandoned the site or the contract has been terminated; then the Deputy Director instructs the Chief Works Manager (and/or the Control Works manager) to immediately secure the site.

13.1. Secure the Site

Given that each site condition is different, the following points are provided as a guideline and should be actioned as a minimum requirement.

- All occupation safety measures on the site are assessed and addressed (the site should be secured such that there is no danger to life or property);
- Security to the site has been arranged if necessary with relevant approval from Deputy Director (and if required from the Client Department – depends on the project status / nature and security cost);
- Relevant notices are issued to the facility administration (i.e. in the event the project is part of an existing operational facility. The administrator is notified that the contractor has abandoned the site and of the measures to secure the site).

13.2. Cost to Secure the Site

The contractor must be informed by the Chief Works Manager (and or the Control Works Manger) that the cost to secure the site will be recovered from the contractor in terms of the conditions of contract.

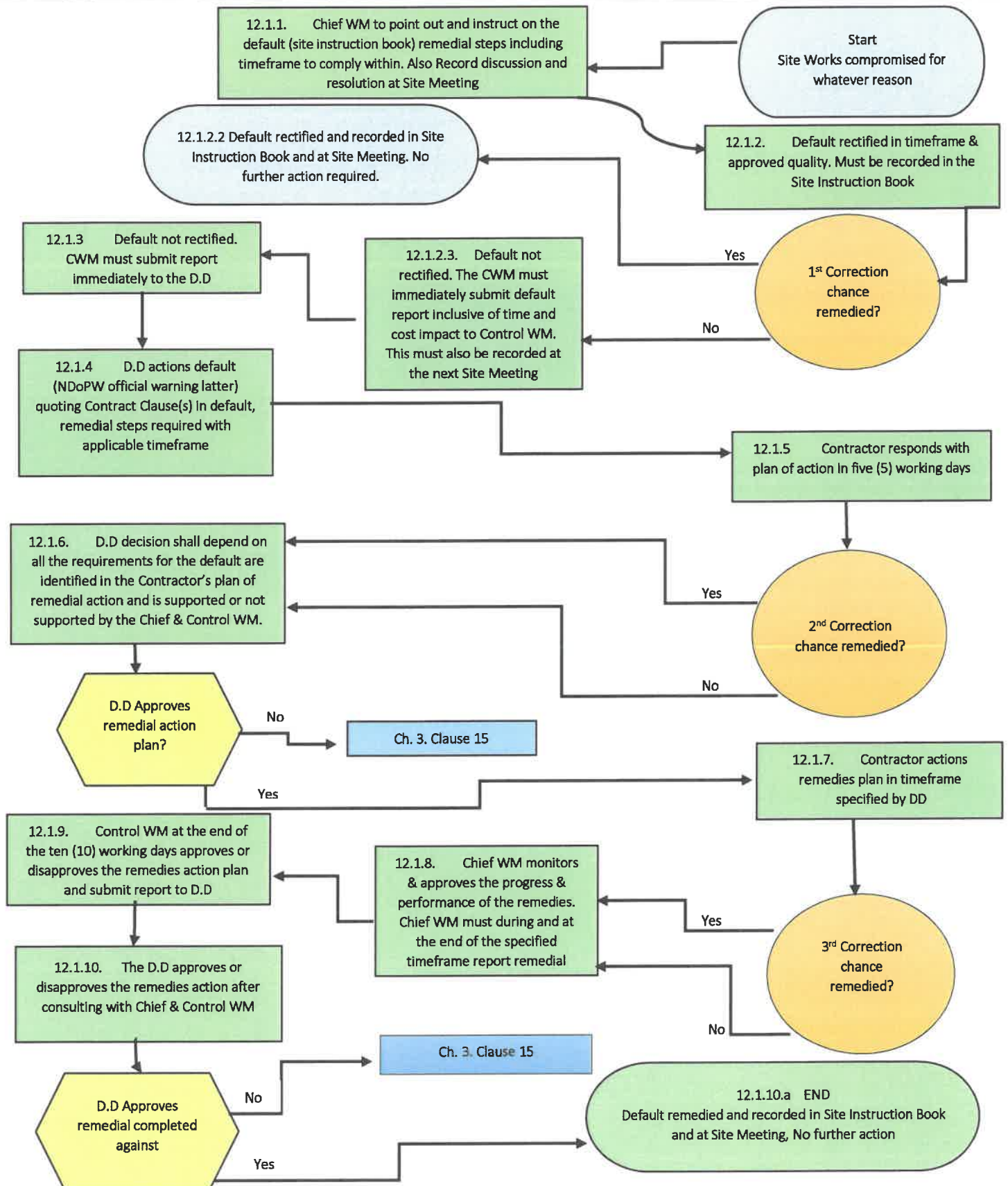
The cost to secure the site is initially paid by DoPW. The cost to secure the site shall be recovered from contractor when the project has reached "*Final Completion Certificate Stage*" (this task is conducted at the Final Account assessment and statement stage).

Standard Operating Procedure. Chart 2. Clause 14

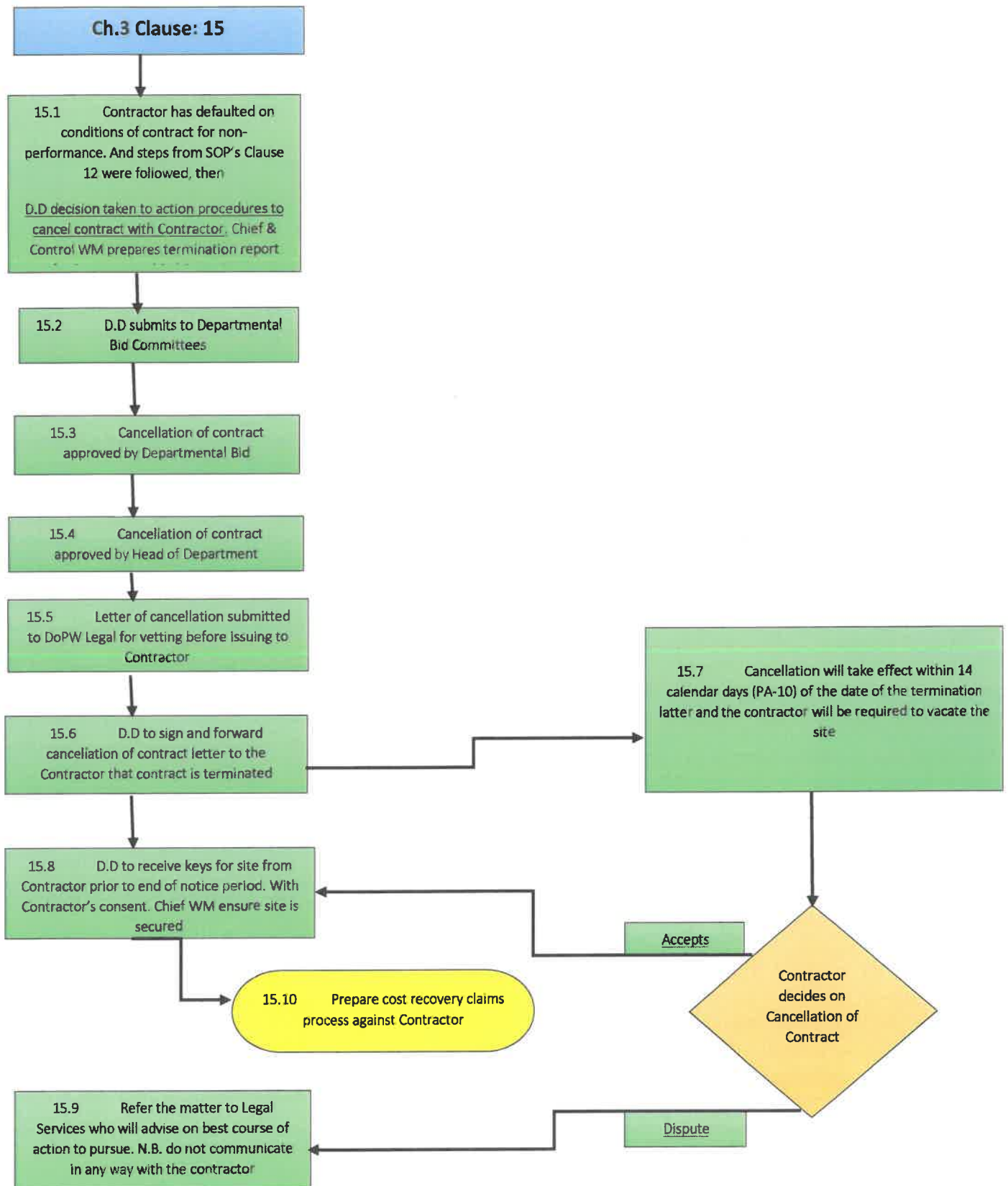
NDoPW: Control Works Manager
: Deputy Director

NDoPW: Chief Works Manager

Contractor



Standard Operating Procedures Ch.3 Clause: 15		
NDoPW: Control Works Manager : Deputy Director	NDoPW: Chief Works Manager	Contractor



END OF SPECIAL CONDITIONS OF CONTRACT

It is to be noted that clauses in this specification are referenced from the PA-10 Condition of contract and should any clauses in this specification contrast with those of the PA-10, the clauses in the PA-10 will rule over these.

TECHNICAL SPECIFICATION

16.1. Introduction

This fire protection service specification is for maintenance, servicing of portable and fixed fire equipment (Hose-Reels & Hydrants at various facilities within the Amajuba District of Kwa Zulu Natal valid until end of 2024/2025 financial year.

16.2. Purpose of this document

To outline the requirements for appointment of a service provider to conduct Servicing, Maintenance and Inspection of fire extinguishers, fire hose reel, fire hoses, fire hydrants and hoses, branches and nozzles at the below identified Facilities within the District only.

16.3. Facilities

Department of Justice	South African Police Service	Others
Newcastle Madadeni Danhauser Charlestown Utrecht	Charlestown ✓ Dannhauser ✓ Ekuseni Groenvlei Hattingspruit Ingogo Kingsley Madadeni ✓ Newcastle ✓ Normandien ✓ Osizweni ✓ Utrecht ✓ Waterval Training Centre Alan St + VSS	Newcastle Home Affairs Newcastle Labour Department

16.4. Scope of Work

The delivery of this tender will include the following requirements, but not necessarily limited to these:

- a) Servicing, Maintenance and Inspection of fire extinguishers; fire hose reels; fire hoses; branches and nozzles.

16.5. Reference Documents

The fire equipment is currently maintained and serviced by in accordance with the National Building Regulations; South African National Standards; National Fire Protection Association Standards and Fire Appliance Services requirements.

16.6. Definitions

The following definitions explain the scope details and specify the requirements expected from the prospective bidder when executing the tasks.

Inspection: Inspection is a planned or unplanned assessment to ascertain the operational status and availability of fire equipment. It is intended to give reasonable assurances that the extinguisher is fully charged and operable. This is done by seeing that it is in its designated place; that it has not been actuated or tampered with, and that there is no obvious or physical damages or condition to prevent operation.

Fixed Fire Equipment: Fire equipment mounted in a structure.

Maintenance: Maintenance is a thorough check of the extinguisher. It is intended to give maximum assurance that an extinguisher will operate effectively and safely. It includes a thorough examination and any repair or replacement. It will normally reveal the need for hydrostatic testing.

New Equipment: Should be applied in SANS 1475 and SANS 0105 as and when required.

Recharging: Recharging is the replacement of the extinguishing agent and includes the expellant for the relevant type of extinguisher.

16.7. CONTRACT SPECIFICATION

- a. Suppliers' premises and service vehicles to be SANS 1475 approved and to be in possession of the required SANS 1475 certificate.
- b. Supplier to have SANS accreditation for hydro static pressure testing of carbon dioxide fire extinguishers.
- c. Supplier's technicians to be in possession of the required SAQCC Certificates.
- d. All portable fire extinguishers and hose reels serviced in buildings shall comply with the requirements contained in SANS 1739; SANS 1901 or SANS 1151 and fire hose reels shall be maintained and serviced in accordance with SANS 0105.
- e. Such fire extinguishers shall be clearly marked by the South African Bureau of Standards to indicate that it has been evaluated by and is acceptable to the SABS.
- f. Any hose reel installed in a building shall comply with the requirements contained in SANS 543, any hose reel so installed shall be positioned to ensure that the end of the hose will reach any point in the area to be protected and shall comply with SANS 10105.
- g. Services intervals: Inspections; maintenance and or servicing shall be done at least once a year in accordance with NFPA 10 on that fire equipment protecting all buildings; or as when dictated by the inspections.
- h. Locations of all fire equipment shall be depicted by the appropriate symbolic signage in accordance with SANS 1186.
- i. Portable fire extinguishers shall comply with TT 37 and hose reels to TT 34 of SANS 10400
- j. No fire equipment shall be removed away from their location for service. A replacement needs to be provided should the need arise; thus, protecting the risk at all times.

16.8. Maintenance Defects

- a. The tender shall make good, with reference to the contractual agreement, to the satisfaction of National Department of Public Works & Infrastructure. Defective material and/or workmanship which are not in accordance with this specification, and which may appear within two working days, shall be replaced free of charge.
- b. The tender shall undertake work on the rectification of any defects that may arise during the contract period within 3 working days of the service provider being notified by the Facility Management unit in writing of such defects.

16.9. Compliance with OHS Act

For the purpose of the Occupational Health and Safety Act 1993, (Act No 85 of 1993) “as amended”, the tender is in every respect responsible for the compliance of provision of this Act.

16.10. Warranty

The items shall carry a warranty period of not less than 06 months (Tenderer to state the warranty period).

16.11. Provision of Services

The contractor is to supply to the Chief Works Manager original copies of documentation relating to maintenance, pressure testing and inspections undertaken and in addition all equipment removed from site will be covered by documentation. A fire equipment register is to be compiled. Documents shall also serve as a register of all equipment on site which is covered by the Agreement. The Contractor is to report to the Chief Works Manager when entering or leaving the premises. All equipment will be numbered e.g. location and equipment.

16.12. Servicing and Pricing of Fire Extinguishers

The following items must be checked and at all times adhere to when servicing the extinguishers at the facilities identified.

- a. Sifting of dry Chemical powder to all DCP units (no mixing of powder, only multi-purpose to be used)
- b. Plungers and springs must be checked.
- c. Interior inspection for rust
- d. Pressure testing where necessary
- e. Replace all defective parts
- f. Application of service seals
- g. Application of instruction labels (to be manufactures label)
- h. Recharging of Co2, Dry Chemical Powder and Foam
- i. Numbering of extinguishers according to fire register

- j. Collection and delivery (price per km) to be included in service price.
- k. Head valve over halls including O-rings
- l. Affixing of service labels
- m. Refurbishing – Painting of an Extinguisher if necessary

16.13. Servicing of Fire Hose Reel

The following items must be checked and at all times when servicing fire hose reels at the identified facilities.

- a. Check the static [municipal feed] and flow pressure
- b. Inspection off drum
- c. Application of anti-tamper seals
- d. Check shutoff nozzles
- e. Inspect hose reel guide
- f. Numbering of hose reels
- g. Numbering of fire hose reels according to register

16.14. Specification for servicing of Fire Hydrants

The following items must be checked and at all times adhered to when servicing fire hydrants at the identified facilities.

- a. Check condition of “washer” of all hydrants
- b. Report all pitted and rusted Hydrants
- c. All hydrant water pressure to be noted in fire register [Static and Flow Pressure]
- d. Paint and refurbish where necessary
- e. Replace hydrant hand wheel where necessary
- f. Numbering of the fire hydrants according to the fire register

16.15. Specification for servicing of Lay flat Hoses

The following items must be checked at all times adhered to when servicing lay flat hoses at the identified facilities.

- a. Check overall condition
- b. Unwind hose completely
- c. Check hose binding and coupling
- d. Replace hose washer where necessary
- e. Blank hose washer and couple to fire hydrant
- f. Open valve and check for leaks
- g. Release pressure and drain hose
- h. Rewind hose and place in box
- i. Attach service sticker on box
- j. Lay flat controls nozzle

16.16. Servicing and Maintenance of Dry Powder Trolleys

- a. Affixing of service label
- b. Affixing of instruction label
- c. Completion of service register

16.17. Servicing of FM200 Systems

- a. Test - Test complete full testing of the system, discharge test not required, including all ventilation integrations to prove operating in line with the design.
- b. Inspect - Inspect the enclosure of the space (walls, floors, ceilings) to understand if there are any changes to its integrity such as new holes or failed fire stopping, etc. – any issues should be rectified sealing all holes in line with the fire rating of the wall/floor, and room integrity conducted.
- c. Test- Blow through pipework to clear it of any dust and debris that has accumulated over time – in line with the manufacturer's instructions.
- d. Documentation - ensure all documentation is up to date and stored/filed correctly

16.18. Service of Sprinkler Systems

- a. The sprinkler system shall be periodically inspected by a qualified person at least once a year. The inspection report shall assess whether the system is in accordance with its standards, with regard not limited to maintenance, operation and adequacy for the risk. Where appropriate, a list of deviations shall be issued for action. The critically of each action shall be identified.
- b. The qualified person is a designated individual, suitably trained, competent through knowledge with experience of all aspects of the rules for Automatic Sprinkler servicing in order to assess systems compliance to standard and be able to perform practical tests if required

16.19. Replacement of Fire Equipment

All fire fighting equipment that is beyond servicing [condemned] must be listed and this list forwarded to the Chief Works Manager. This fire fighting equipment must be handed to the client for storage. This equipment will be replaced under this same contract.

16.20. Fire Register

Contractor to supply 2 fire registers for each facility with all necessary information for example quantity, type, location and number, etc.

16.21. Schedule of Quantities and Rates

- a. The Bill of Quantities and Prices must not be changed/altered or amended as any changes/alteration/amendments on the Bill of Quantities and Prices will lead to disqualification of your quotation.

- b. Failure to complete all parts of the schedule of quantities and prices will render your quotation nonresponsive.

16.22. Quality Control

Contractor shall make do allowance v of 10% in the tender amount for portable appliances only for costs occurring for recharging of extinguishers randomly selected to discharge for testing purposes. Any damage caused to items or building during the service will be repaired at the contractor expenses to the satisfactory of NDPWI. All service labelled must be readable after 12 months.

16.23. Bill of Quantities

Part No.	Description	Unit	Rate
0	PRELIMINARY & GENERALS:		
	1) Site establishment.(cellular connection for communication, Fire Equipment Register, fire fighting equipment certificate of service complying with the South African National Standards (SANS) and Pressure equipment regulations of the Occupational Health & Safety Act (OHS Act). Supply of specialized tools, generator rental, portable hydrostatic testing machines.)	Each	
1	OCCUPATIONAL HEALTH AND SAFETY ACT SPECIFICATIONS (ACT 85 OF 93):		
	1) Develop a health and safety plan for the contract 2) Provide risk assessment for the contract 3) Provide and manage resources to implement and maintain the a safety plan for the contract 4) Bidder to comply with all the requirements of the act and all its regulations and incorporated standards with regards to permanent works 5) (bidder will be required to produce/submit safety plan only on award which will be verified and approved by departmental safety officer before work is commenced with)	Each	R 2 500,00
2	INSTANTANEOUS COUPLINGS:		
1	65(F) INST X 65(F)BSP L/A ADAP 398	Each	
2	65(M) INST X 65(M)BSP L/A ADAP 398	Each	
3	65(M) INST X 65(F)BSP L/A ADAP 398	Each	
4	65(F) INST X 44(M)BSP L/A ADAP 398	Each	
5	65(M) INST X 50(M)BSP L/A ADAP 398	Each	
6	65(F) INST X 50(F)BSP L/A ADAP 398	Each	

7	65(M) INST X 50(F)BSP L/A ADAP	Each	
8	38(M) INST to 50(F) BSP L/A ADAP	Each	
9	65MM MALE INST TO 25MM MALE BSP	Each	
10	65MM(M) to 25MM(F) GEKA BSP LA ADAP	Each	
	BRACKETS:		
11	V/BRACKETS B/CRANE 1KG PLASTIC	Each	
12	V/BRACKET B/C & FM 1KG METAL	Each	
13	V/BRACKET B/CRANE 1.5KG PLASTI	Each	
14	V/BRACKET BLUE CRANE 1.5 METAL	Each	
15	V/BRACKET B/CRANE 2.5KG PLASTI	Each	
16	V/BRACKETS B/CRANE 2.5KG METAL	Each	
17	V/BRACKET B/CRANE 2.5KG H/DUTY	Each	
18	V/BRACKET B/CRANE 2.5KG ANTI-LUCE 102.2MM	Each	
19	V/BRACKET B/C & FM4.5KG H/DUTY	Each	
20	V/BRACKET B/C & FM4.5KG ANTI-LUCE 177/178MM	Each	
21	V/BRACKET B/C & FM 9KG H/DUTY	Each	
22	V/BRACKET B/C & FM 9KG ANTI-LUCE 178/180MM RED	Each	
23	V/BRAC DUAL 9KG H/D DOUBLE STR	Each	
24	V/BRACKET CIMA 1KG METAL	Each	
25	V/BRACKETS CIMA 1.5KG PLASTIC	Each	
26	V/BRACKET CIM & FM 1.5KG METAL	Each	
27	V/BRACKET 2.5KG CIMA PLASTIC	Each	
28	V/BRACKET CIMA&F/M2.5KG H/DUTY	Each	
29	V/BRACKET F/MATE 4.5KG H/D IMP	Each	
30	V/BRACKET F/MATE 9KG H/D IMP	Each	
31	2.5KG H/DUTY VEHICLE BRACKET	Each	
32	4.5KG H/DUTY METAL V/BRACKET	Each	
33	9KG H/DUTY METAL V/BRACKET	Each	
34	DOUBLE STRAP 9KG BRACKET	Each	
	CO2 ACCESSORIES:		
35	UNI BRACKET 40MM	Each	
36	UNI BRACKET 70MM	Each	
37	WALL BRACKET RED	Each	
38	FIXED HORN FOR 2KG CO2 EXTING	Each	
39	SWING HORN FOR 2KG CO2 EXTING	Each	
40	HOSE & HORN FOR 5KG CO2 EXT	Each	
41	10KG CO2 HOSE AND HORN	Each	
42	CO2 WASHER FOR HORN	Each	
43	CO2 O RINGS 25.0 X 3.53 (M25)	Each	
44	CO2 PLUNGER FOR CYF 25 3/4" TA	Each	
45	CO2 TAPERED VALVE 1 INCH	Each	
46	28MM CO2 SQUEEZE GRIP S/O VALV	Each	
47	28MM CO2 HAND WHEEL VALVE	Each	

48	CO2 TAPERED VALVE 3/4 INCH	Each	
49	24MM CO2 SQUEEZE GRIP F/O VALV	Each	
50	24MM CO2 SQUEEZE GRIP S/O VALV	Each	
51	CO2 TAPERED VALVE S/DOWN 3/4"	Each	
52	CO2 PARALLEL M25X2 VALVE	Each	
53	25MM CO2 VALVE PARALLEL THREAD	Each	
54	25MM CO2 S/DOWN VALVE PARALLEL	Each	
55	CO2 PNEUMATIC VALVE	Each	
56	5KG CO2 COVER - UV RESISTANT	Each	
57	2KG CO2 COVER - UV RESISTANT	Each	
58	5KG CO2 SIPHON TUBE	Each	
	CO2 EXTINGUISHERS:		
59	2KG CO2 STEEL ALLOY EXT FULL CE APPROVED	Each	
60	5KG CO2 STEEL ALLOY EXT FULL CE APPROVED	Each	
61	10KG CO2 STEEL ALLOY EXT FULL CE APPROVED	Each	
62	45KG CYLIN EMPTY PNEUM VALVE	Each	
	COUPLINGS:		
63	20MM GEKA TAIL COUPLING	Each	
64	19MM GEKA MALE COUPLING	Each	
65	25MM GEKA TAIL COUPLING	Each	
66	25MM GEKA MALE COUPLING	Each	
67	25MM GEKA FEMALE COUPLING	Each	
68	38MM GEKA TAIL COUPLING	Each	
69	19MM GEKA FEMALE COUPLING	Each	
70	65/65 INST COUPLING L/A	Each	
71	65/50 INST COUPLING L/A	Each	
72	65/44 INST COUPLING L/A	Each	
73	65/38 INST COUPLING L/A	Each	
74	38/38 INST COUPLING L/A	Each	
75	65/65 INST COUPLING GUNMETAL	Each	
76	65/50 INST COUPLING GUNMETAL	Each	
77	65/44 INST COUPLING GUNMETAL	Each	
78	65/38 INST COUPLING GUNMETAL	Each	
79	50 STORZ COUP X 50 TAIL 65 LUG	Each	
	DCP ACCESSORIES:		
80	DCP J BRACKET	Each	
81	DCP NOZZLES FOR 0.6KG	Each	
82	DCP NOZZLES FOR 1KG	Each	
83	1.5KG & 2.5KG NOZZLES METAL	Each	
84	DCP PRESSURE GAUGES 1/8 NPT	Each	
85	DCP 'O RINGS	Each	
84	DCP SAFETY PIN SMALL	Each	

85	DCP SAFETY PIN LARGE	Each	
86	DCP SAFETY PIN STRAP	Each	
85	BSP HOSE TAIL - STEEL	Each	
86	DCP PLASTIC NOZZLES 4.5/9KG	Each	
87	DCP NORMA CLAMPS	Each	
86	DISCHARGE HOSE FOR 9KG	Each	
87	DISCHARGE HOSE FOR 4.5KG B/C	Each	
88	DCP TAG SEALS	Each	
87	SECUR A TIES	Each	
88	PLASTIC FEATHERS SEAL	Each	
89	LEAD SEALS PER KG	Each	
88	1KG ROLL CEILING WIRE 1MM THICK	Each	
89	9KG PVC COVER- NON UV RESIST	Each	
90	9KG PVC COVER - UV RESIST	Each	
89	9KG PVC COVER - UV RESIST CLEAR	Each	
90	4.5KG PVC COVER- NON UV RESIST	Each	
91	4.5KG PVC COVER - UV RESIST	Each	
90	4.5KG PVC COVER - UV RESIST CLEAR	Each	
91	DCP VALVE SMALL 1/8 NPT GAUGE	Each	
92	DCP VALVE MEDIUM 1/8 NPT GAUGE	Each	
91	DCP VALVE LARGE 1/8 NPT GAUGE	Each	
92	DCP VALVE SMALL M10X1 GAUGE	Each	
93	DCP VALVE MEDIUM M10X1 GAUGE	Each	
92	DCP VALVE LARGE M10X1 GAUGE	Each	
93	DCP TOP & BOTTOM HANDLES MEDIUM	Each	
94	DCP TOP & BOTTOM HANDLES LARGE	Each	
93	HANDLE RETAINER PIN SMALL	Each	
94	HANDLE RETAINER PIN LARGE	Each	
95	DCP SAFETY RELIEF VALVE LARGE	Each	
94	DCP PLUNGER SPINDLE SMALL	Each	
95	DCP PLUNGER SPINDLE LARGE	Each	
96	PLASTIC NECKRINGS	Each	
95	DCP GAUGES WITH O- RING M10 X1	Each	
96	STAINLESS STEEL HEADS LARGE	Each	
97	DCP RETURN SPRINGS BC	Each	
96	STAINLESS STEEL HEADS MEDIUM	Each	
97	PLASTIC STRAP 4 DISCHARGE HOSE	Each	
98	DCP SIPHON TUBE 1KG B/CRANE	Each	
97	DCP SIPHON TUBE 1.5KG B/CRANE	Each	
98	DCP SIPHON TUBE 2.5KG B/CRANE	Each	
99	DCP SIPHON TUBE 4.5KG B/CRANE	Each	
98	DCP SIPHON TUBE 9KG B/CRANE	Each	
99	DCP SIPHON TUBE 2.5KG FIREMATE	Each	

100	DCP SIPHON TUBE 4.5KG FIREMATE	Each	
99	DCP SIPHON TUBE 9KG FIRE MATE	Each	
	DCP EXTINGUIHERS:		
100	1KG DCP EXT S/S FULL	Each	
101	1.5KG DCP EXT S/S FULL	Each	
102	2KG DCP EXT S/S FULL	Each	
103	2.5KG DCP EXT S/S FULL	Each	
104	4.5KG DCP EXT S/S FULL	Each	
105	9KG DCP EXT S/S FULL	Each	
	13KG DCP EXT S/S FULL	Each	
	DCP POWDERS:		
106	ALPHA DYNAFLO 90% BLUE IMPORT	P/Kg	
107	ALPHA MEGAFLO 40% MAP IMPORT	P/Kg	
108	ALPHA HYPERFLO 40% YELLOW	P/Kg	
109	CLASS D POWDER	P/Kg	
	FIRE CABINETS:		
110	9KG TRUCK FIRE BOX - CAMLOCK	Each	
111	9KG TRUCK FIRE BOX-WITH LATCH	Each	
112	AM1 4.5KG S/D CABINET	Each	
113	AM1 DOOR ONLY	Each	
114	AM2 9KG S/D CABINET	Each	
115	AM4 4 X 30M HOSES S/D SQUARE	Each	
116	AM7 CABINET 2 X 9KG	Each	
117	AM8 SMOKE H/D CABINET	Each	
118	AM10 HOSE REEL S/D CABINET O/B	Each	
119	AM10 CLOSED BACK CABINET	Each	
120	4.5KG HINDGE DOOR CABINET	Each	
121	9KG HINDGE DOOR CABINET	Each	
122	NO1 MARINE CABINET	Each	
123	NO 1 MARINE CABINET LOCKABLE	Each	
124	NO2 MARINE CABINET	Each	
125	NO 2 MARINE CABINET LOCKABLE	Each	
126	NO3 MARINE CABINET	Each	
127	NO 3 MARINE CABINET LOCKABLE	Each	
128	AM12 H/D BREATHER CABINET	Each	
129	AM20 5KG C02 H/DOOR CABINET	Each	
130	DOUBLE DOOR OPEN BACK	Each	
131	DOUBLE DOOR CLOSED BACK	Each	
132	9KG EXTINGUIMATE CABINET	Each	
133	4.5KG EXTINGUIMATE CABINET	Each	
134	HL120 FIBRE GLASS TANK	Each	
135	FIRE EQUIPMENT BOX	Each	

136	5KG SLIDING DOOR CABINET	Each	
137	4.5KG PLASTIC H/D CABINET	Each	
138	9KG PLASTIC H/D CABINET	Each	
139	DOUBLE 9KG CABINET - PLASTIC	Each	
140	HOSE REEL OPEN BACK CABINET - PLASTIC	Each	
141	BREATHING CABINET - PLASTIC	Each	
142	CABINET, PLASTIC, 5KG CO2	Each	
143	CABINET, PLASTIC, HOSE (2-3)	Each	
144	H/REEL STEEL CABINET OPEN BACK	Each	
145	4.5KG STEEL CABINET	Each	
146	9KG STEEL CABINET	Each	
147	9KG DOUBLE STEEL CABINET	Each	
148	HYDRANT HOSE CABINET STANDS	Each	
149	STEEL HYDRANT HOSE CAB MOUNTED	Each	
150	H/REEL STEEL CABINET CLOSED BACK	Each	
151	CARBON DIOXIDE EXT. CAB STEEL	Each	
	FOAM ACCESSORIES:		
152	FOAM NOZZLES	Each	
153	FOAM DISCHARGE HOSE FOR 9L	Each	
154	SIPHON TUBE FOR 9L WATER/FOAM	Each	
155	LANCE - HOSE AND HORN FOR 6L	Each	
156	WET CHEMICAL COMPOUND 3L DRUM	Each	
157	VALVE, 6L WET CHEMICAL	Each	
158	WATER NOZZLE	Each	
159	WATER DISCHARGE HOSE	Each	
	FOAM EXTINGUISHERS:	Each	
160	9L FOAM EXT CIMA FULL	Each	
161	6L WET CHEMICAL COMPLETE FULL	Each	
162	9L WATER EXT CIMA FULL	Each	
163	Lith-Ex Aerosol (500 ml)	Each	
164	Lith-Ex 1 Litre	Each	
165	Lith-Ex 2 Litre	Each	
166	Lith-Ex 6 Litre	Each	
167	Lith-Ex 9 Litre	Each	
	SIGNAGE FRAMES:		
168	COMPLETE ALLUM FRAME 190 X 190 SS	Each	
169	COMPLETE ALLUM FRAME 190 X 380 SS	Each	
170	COMPLETE ALLUM FRAME 190 X 570 SS	Each	
171	COMPLETE ALLUM FRAME 190 X 760 SS	Each	
172	COMPLETE ALLUM FRAME 190 X 190 DS	Each	
173	COMPLETE ALLUM FRAME 190 X 380 DS	Each	
174	COMPLETE ALLUM FRAME 190 X 570 DS	Each	

175	COMPLETE ALLUM FRAME 190 X 760 DS	Each	
176	COMPLETE ALLUM FRAME 290 X 290 SS	Each	
177	COMPLETE ALLUM FRAME 290 X 580 SS	Each	
178	COMPLETE ALLUM FRAME 290 X 870 SS	Each	
179	COMPLETE ALLUM FRAME 290 X 1160 SS	Each	
180	COMPLETE ALLUM FRAME 290 X 290 DS	Each	
181	COMPLETE ALLUM FRAME 290 X 580 DS	Each	
182	COMPLETE ALLUM FRAME 290 X 870 DS	Each	
183	COMPLETE ALLUM FRAME 290 X 1160 DS	Each	
184	ALLUM FRAMED 190 X 190 S/S	Each	
185	ALLUM FRAMED 190 X 380 S/S	Each	
186	ALLUM FRAMED 190 X 570 S/S	Each	
187	ALLUM FRAMED 190 X 760 S/S	Each	
188	WHITE PLASTIC PIECE ALLUM FRAMED 190	Each	
189	ALLUM FRAMED 290 X 290 S/S	Each	
190	ALLUM FRAMED 290 X 580 S/S	Each	
191	ALLUM FRAMED 290 X 870 S/S	Each	
192	ALLUM FRAMED 290 X 1160 S/S	Each	
193	WHITE PLASTIC PIECE ALLUM FRAMED 290	Each	
194	CEILING WIRE AND HOOKS ALLUM FRAME	Each	
195	WALL BRACKETS FOR SIGN FRAMES	Each	
196	BRACKET, SFRAME, CEILING WIRE	Each	
	HOSES:		
197	38MM COBRA FIRE HOSE	Each	
198	44MM COBRA FIRE HOSE	Each	
199	50MM COBRA FIRE HOSE	Each	
200	65MM COBRA FIRE HOSE	Each	
201	38X30 COBRA C/W 65/38 L/A COUP	Each	
202	44X30 COBRA C/W 65/44 L/A COUP	Each	
203	50X30 COBRA C/W 65/50 L/A COUP	Each	
204	65X30 COBRA C/W 65/65 L/A COUP	Each	
205	38MM FIRECHECK 60M LONG	Each	
206	38MM FIRECHECK HOSE	Each	
207	44MM FIRECHECK HOSE	Each	
208	50MM FIRECHECK HOSE	Each	
209	65MM FIRECHECK HOSE	Each	
210	65MM FIRECHECK HOSE BLUE	Each	
211	38 MM FIRECHECK BLUE 30 L	Each	
212	50MM X 20M - FIRECHECK	Each	
213	65MM X 20M FIRECHECK	Each	
214	38MM X 20M FIRECHECK	Each	
215	38X30 FIRECHECK C/W 65/38 L/A	Each	
216	44X30 FIRECHECK C/W 65/44 L/A	Each	

217	50X30 FIRECHECK C/W 65/50 L/A	Each	
218	65X30 FIRECHECK C/W 65/65 L/A	Each	
219	65X30 BLUE FIRECHECK C/W COUP	Each	
220	38X30 FIRECHECK C/W 38/38 L/A	Each	
221	38X30 BLUE FIRECHECK C/W 65/38	Each	
222	38MM MAMBA FIRE HOSE	Each	
223	65MM MAMBA FIRE HOSE	Each	
224	38*30 MAMBA C/W 65/38 L/A COUP	Each	
225	65*30 MAMBA C/W 65X65 L/A COUP	Each	
226	40MM L/FLAT 10BAR SINGLE LINED	Each	
227	40MM L/FLAT 13BAR SINGLE LINED	Each	
228	40MM L/FLAT 10BAR DOUBLE LINED	Each	
229	40MM L/FLAT 13BAR DOUBLE LINED	Each	
230	50MM L/FLAT 10BAR SINGLE LINED	Each	
231	50MM L/FLAT 13BAR SINGLE LINED	Each	
232	50MM L/FLAT 10BAR DOUBLE LINED	Each	
233	50MM L/FLAT 13BAR DOUBLE LINED	Each	
234	65MM L/FLAT 10BAR SINGLE LINED	Each	
235	65MM L/FLAT 13BAR SINGLE LINED	Each	
236	65MM L/FLAT 10BAR DOUBLE LINED	Each	
237	65MM L/FLAT 13BAR DOUBLE LIN	Each	
	HOSE REEL ACCESSORIES:		
238	PLASTIC HOSE REEL NOZZLE	Each	
239	BLACK HOSE REEL NOZZLE LOCAL	Each	
240	ALUMINUM HOSE REEL NOZZLES	Each	
241	CP VALVES	Each	
242	CP VALVE HAND WHEEL	Each	
243	CP VALVE PLUNGER & WASHER	Each	
244	HOSE REEL CLAMPS GS12 WORM DRIVE	Each	
245	DRAW SHACKLES	Each	
246	HOSE REEL PLASTIC GROMET	Each	
247	HOSE REEL DISC BLUE CRANE	Each	
248	HOSE REEL DISC BLUE CRANE	Each	
249	HOSE REEL BACK FRAME	Each	
250	HOSE REEL SPACER	Each	
251	HOSE REEL SPACER	Each	
252	HOSE REEL WATERWAY	Each	
253	WATERWAY O RING	Each	
254	STAINLESS STEEL DISCS	Each	
255	STAINLESS STEEL BACK FRAME	Each	
256	STAINLESS STEEL SPACERS	Each	
257	H/ R COVER NON UV RESISTANT	Each	
258	H/R COVER - UV RESIST PULL OVER	Each	

259	H/R COVER - UV RESIST ELASTIC	Each	
260	H/R COVER - UV RESIST PULL OVER CLEAR	Each	
261	H/R COVER - UV RESIST ELASTIC CLEAR	Each	
262	HOSE REEL CLMAP COVER	Each	
263	20MM RUBBER FIRE HOSE	Each	
264	LOCAL SABS RED HOSE 20MM X 30M	Each	
265	LOCAL SABS RED HOSE 20MM X 45M	Each	
	HOSE REEL COMPLETE:		
266	30M H/REEL C/W RUBBER HOSE P	Each	
267	30M H/REEL C/W RUBBER HOSE A	Each	
268	30M H/REEL C/W SABS RED HOSE P	Each	
269	30M H/REEL C/W SABS RED HOSE A	Each	
270	SWING H/R C/W SABS RED HOSE P	Each	
271	SWING H/R C/W SABS RED HOSE A	Each	
272	S/S H/REEL C/W SABS RED HOSE P	Each	
273	S/S H/REEL C/W SABS RED HOSE A	Each	
274	45M H/R C/W R/HOSE P(NON-SABS)	Each	
275	45M H/R C/W R/HOSE A(NON-SABS)	Each	
276	HOSE REEL DRUM	Each	
277	HOSE REEL DRUM S/STEEL	Each	
278	HOSE REEL FRAME 30M	Each	
279	H/R FRAME STAINLESS STEEL 30M	Each	
280	HOSE REEL FRAME SWING TYPE	Each	
281	HOSE REEL FRAME 45M (NON-SABS)	Each	
	HYDRANTS VALVES ACCESSORIES:		
282	HYDRANT LIP WASHER	Each	
283	HYDRANT CLACK WASHER H/DUTY	Each	
284	DRAGON SEALS - LONG DOT SEAL	Each	
285	HYDRANT CAP & CHAIN	Each	
286	BOOSTER CAP & CHAIN	Each	
287	HAND WHEEL FOR BRASS HYDRANT	Each	
288	H/WHEEL FOR CAST IRON HYDRANT	Each	
289	HYDRANT VALVE KEY	Each	
290	HYDRANT SPINDLE COMPLETE	Each	
291	FOUR WAY CROSS KEY	Each	
	HYDRANT VALVES:		
292	80MM T/P CAST IRON HYD + KEY	Each	
293	80MM CAST IRON HYDRANT VALVE	Each	
294	80MM BRASS HYDRANT VALVE	Each	
295	80MM T/P BRASS HYDRANT + KEY	Each	
296	UPWARD OBLIQUE HYD VALVE BRASS 2 ½" BSP INLET	Each	
297	UPWARD OBLIQUE HYD VALVE BRASS 3" BSP INLET	Each	

298	50MM HYDRANT VALVE	Each	
299	BOOSTER CONNECTIONS	Each	
	LABELS:		
300	MANUFACTURERS SERVICE LABELS	Each	
301	4.5 KG AUTOMATIC INSTRUCTION L	Each	
302	9KG AUTOMATIC INSTRUCTION LAB	Each	
303	2KG CO2 STEEL ALLOY LABELS	Each	
304	5KG CO2 STEEL ALLOY LABELS	Each	
305	2KG CO2 CARBON STEEL LABEL CIM	Each	
306	2KG CO2 CARBON STEEL LABEL F/M	Each	
307	5KG CO2 CARBON STEEL LABEL CIM	Each	
308	5KG CO2 CARBON STEEL LABEL F/M	Each	
309	2KG CO2 S/Q S/ALLOY LABLE EN	Each	
310	5KG CO2 S/Q S/ALLOY LABLE EN	Each	
311	2KG CO2 S/Q ALUMINIUM LABLE	Each	
312	5KG CO2 S/Q ALUMINIUM LABLE	Each	
313	10KG CO2 S/Q S/ALLOY LABLE EN	Each	
314	1KG DCP LABEL BLUE CRANE	Each	
315	1.5KG DCP LABEL BLUE CRANE	Each	
316	2.5KG DCP LABEL BLUE CRANE	Each	
317	4.5KG DCP LABEL BLUE CRANE	Each	
318	9KG DCP LABEL BLUE CRANE	Each	
319	9KG BLUE CRANE 90% LABEL	Each	
320	9KG BLUE CRANE 70% LABEL	Each	
321	0.6KG DCP LABEL FIRE MATE	Each	
322	1KG DCP LABEL FIRE MATE	Each	
323	1.5KG DCP LABEL FIRE MATE	Each	
324	2.5KG DCP LABEL FIRE MATE	Each	
325	4.5KG DCP LABEL FIRE MATE	Each	
326	9KG DCP LABEL FIRE MATE	Each	
327	1KG DCP LABEL SAFEQUIP	Each	
328	1.5KG DCP LABEL SAFEQUIP	Each	
329	2.5KG DCP LABEL SAFEQUIP	Each	
330	4.5KG DCP LABEL SAFEQUIP	Each	
331	9KG DCP LABEL SAFEQUIP	Each	
332	9KG CLASS D LABEL	Each	
333	9L FOAM LABELS CIMA	Each	
334	LABEL FOR 6L WET CHEMICAL EXT	Each	
335	HOSE REEL LABEL SAFEQUIP	Each	
336	HOSE REEL LABEL 45M	Each	
337	HOSE REEL DISCLAIMER LABEL	Each	
338	25KG DCP TROLLEY LABELS CIMA	Each	
339	50KG DCP TROLLEY LABELS CIMA	Each	

340	50KG FOAM TROLLEY LABELS SAFEQUIP	Each	
341	HL 120 LABELS	Each	
342	25KG DCP TROLLEY LABEL S/Q	Each	
343	50KG DCP TROLLEY LABEL S/Q	Each	
344	9L WATER LABELS CIMA	Each	
	MISCELLANEOUS:		
345	BACKING BOARD 450MM BUDGET	Each	
346	BACKING BOARD 600MM BUDGET	Each	
347	BACKING BOARD 800MM BUDGET	Each	
348	9KG BACKING BOARD SALIGNA	Each	
349	4.5KG BACKING BOARD SALIGNA	Each	
350	5KG BACKING BOARD SALIGNA	Each	
351	BACKING BOARD 450MM PINE	Each	
352	BACKING BOARD 600MM PINE	Each	
353	BACKING BOARD 800MM PINE	Each	
354	REG.7 FA KIT S.Q METAL BOX	Each	
355	REG.7 FA KIT S.Q GREEN BOX	Each	
356	REG.7 FA KIT S.Q NYLON BAG	Each	
357	REG.3 FA KIT - REFILL	Each	
358	REG. 7 FA KIT - REFILL	Each	
359	FIRE AXES 6LBS	Each	
360	FIRE BLANKET 0.9X0.9 UNCOATED	Each	
361	1MX1M FIRE BLANKET	Each	
362	FIRE BLANKET 1.2X1.2 UNCOATED	Each	
363	FIRE BLANKET 1.2X1.8 UNCOATED	Each	
364	FIRE BLANKET 1.8X1.8 UNCOATED	Each	
365	PLASTIC FIRE BUCKET WITH LID	Each	
366	METAL FIRE BUCKET	Each	
367	REDLAM PANIC BOLT+CERAMIC TUBE	Each	
368	REDLAM BOLT SPARE CERAMIC TUBE	Each	
369	REDLAM PANIC BOLT + GLASS TUBE	Each	
370	REDLAM BOLT SPARE GLASS TUBE	Each	
371	METAL KEY BOXES	Each	
372	DURABLE METAL KEY BOX	Each	
373	GLASS FOR METAL KEY BOXES	Each	
374	GLASS FOR DURABLE METAL KEYBOX	Each	
375	VALVE COVER BOX	Each	
376	GLASS FOR VALVE COVER BOX	Each	
377	PLASTIC KEY BOXES	Each	
378	PLAS GLASS FOR PLASTIC KEY BOX	Each	
379	EMERGENCY LIGHT C/W BATTERY	Each	
380	EMERGENCY LIGHT LAMP	Each	
381	HOME EMERGENCY FIRE KIT	Each	

382	65MM L/A DIVIDING BREACHING	Each	
383	65MM L/A COLLECTING BREACHING	Each	
384	I.F.T.A NECK RINGS	Each	
385	I.F.T.A NECK RINGS	Each	
386	G/M Y PIECE C/W BOOSTER CONNEC	Each	
387	63MM PRESSURE GUAGE DRY -1600	Each	
388	50 P/GAUGE C/W PEPCKOCK DRY 15m	Each	
389	DCP EXTINGUISHER PRESSURE TESTER	Each	
390	SMOKE DETECTORS	Each	
391	SMOKE DETECTOR TESTER	Each	
392	MANUAL SIGNAL ALARM HORN	Each	
393	SIGNAL HORN BOX ONLY	Each	
394	EMERGENCY ALARM STATION COMPLE	Each	
395	SUPER SOUND SPARE GLASS	Each	
396	65MM INST RUBBER GASKET	Each	
	SIGNAGE:		
397	190X190 EXTINGUISHER	Each	
398	190X190 RED ARROW - R	Each	
399	190X190 RED ARROW - L	Each	
400	190X190 RED ARROW DOWN	Each	
401	190X190 FIRE HOSE	Each	
402	190X190 FIRE HYDRANT	Each	
403	190X190 45 DEG ARROW RED - R	Each	
404	190X190 45 DEG ARROW RED - L	Each	
405	190X190 SIGNAL ALARM	Each	
406	190X190 BOOSTER	Each	
407	190X190 EXIT SIGN RED	Each	
408	190X190 ALARM	Each	
409	190X190 FIRE BLANKET	Each	
410	190X190 SPRINKLER STOP VALVE	Each	
411	190X190 FIRE TELEPHONE	Each	
412	190X190 45 DEG ARROW GREEN - R	Each	
413	190X190 45 DEG ARROW GREEN - L	Each	
414	190X190 STAIRS DOWN - R	Each	
415	190X190 STAIRS DOWN - L	Each	
416	190X190 STAIRS UP - R	Each	
417	190X190 STAIRS UP - L	Each	
418	190X190 LADIES TOILET	Each	
419	190X190 MENS TOILET	Each	
420	190X190 EMERGENCY ASSEMBLY POINT	Each	
421	190X190 GREEN ARROW - R	Each	
422	190X190 GREEN ARROW - L	Each	
423	190X190 GREEN ARROW DOWN	Each	

424	190X190 RUN MAN - R	Each	
425	190X190 RUN MAN - L	Each	
426	190X190 FIRST AID EQUIPMENT	Each	
427	190X190 STAIRS	Each	
428	190X190 REFUGE CHAMBER	Each	
429	190X190 EXIT SIGN GREEN	Each	
430	190X190 MANNED FIRST AID STATION	Each	
431	190X190 LOCATION OF BOMB BAG	Each	
432	190X190 WHEEL CHAIRS	Each	
433	190X190 SAFETY SHOWER	Each	
434	190X190 EYE WASH	Each	
435	190X190 ELECTRIC ISOLATOR SWITCH	Each	
436	190X190 EMERGENCY TELEPHONE	Each	
437	190X190 WAITING PLACE	Each	
438	190X190 TELEPHONE	Each	
439	190X190 DRINKING WATER	Each	
440	190X190 BLASTING POINT	Each	
441	190X190 MAIN ELECTRICAL SWITCH	Each	
442	190X190 BREAK GLASS FOR KEY	Each	
443	190X190 EMERGENCY HANDWASH	Each	
444	190X190 EMERGENCY STOP	Each	
445	190X190 WEAR SAFETY BOOTS	Each	
446	190X190 HAND PROTECTION	Each	
447	190X190 EYE PROTECTION	Each	
448	190X190 SAFETY HARNESS AND LIFELINE	Each	
449	190X190 DUST MASK	Each	
450	190X190 USE SAFETY CAGE	Each	
451	190X190 WAITING PLACE	Each	
452	190X190 SCREENING	Each	
453	190X190 PROTECTIVE CLOTHING	Each	
454	190X190 WASH HANDS	Each	
455	190X190 WEAR EAR PROTECTION	Each	
456	190X190 FACE PROTECTION	Each	
457	190X190 HEAD PROTECTINO	Each	
458	190X190 WEAR HIGH VISIBILITY CLOTHING	Each	
459	190X190 RESPIRATORY PROTECTION	Each	
460	190X190 WEAR WELDING MASK	Each	
461	190X190 CYCLING PROHIBITED	Each	
462	190X190 CARRYING OF LONG MATERIAL PROHIBITED	Each	
463	190X190 HAND TRAMMING PROHIBITED	Each	
464	190X190 COMPRESSED AIR TO DUST BODY PROHIBIT	Each	
465	190X190 LOOSE CLOTHING, TIES, JEWELRY PROHIBITED	Each	
466	190X190 NO ENTRY FOR HEAVY VEHICLES	Each	

467	190X190 NO ENTRY FOR VEHICLES	Each	
468	190X190 LOCOMOTIVES PROHIBITED BEYOND THIS POINT	Each	
469	190X190 FIREARMS PROHIBITED	Each	
470	190X190 DOGS PROHIBITED	Each	
471	190X190 CAMERAS PROHIBITED	Each	
472	190X190 ALCOHOL PROHIBITED	Each	
473	190X190 LITTERING PROHIBITED	Each	
474	190X190 SWIMMING PROHIBITED	Each	
475	190X190 SAILING PROHIBITED	Each	
476	190X190 FISHING PROHIBITED	Each	
477	190X190 SMOKING PROHIBITED	Each	
478	190X190 NO ENTRY PROHIBITED	Each	
479	190X190 FIRE AND OPEN FIRE PROHIBITED	Each	
480	190X190 THOROUGHFARE FOR PEDESTRIANS PROHIBITED	Each	
481	190X190 WATER AS EXTINGUISHING AGENT PROHIBITED	Each	
482	190X190 DRINKING OF THIS WATER PROHIBITED	Each	
483	190X190 TRACKTOR&FORKLIFT BEYOND POINT PROHIBITED	Each	
484	190X190 CELLPHONES PROHIBITED	Each	
485	190X190 EVACUATION CHAIR	Each	
486	190X190 ABS DO NOT TOUCH	Each	
487	190X190 DO NOT OBSTRUCT	Each	
488	190X190 DO NOT TOUCH ELECTRICAL HAZARD	Each	
489	190X190 NO PERSONS ALLOWED IN GOODS LIFT	Each	
490	190X190 HELMETS PROHIBITED	Each	
491	190X190 DUMPING PROHIBITED	Each	
492	190X190 ELECTRIC SHOCK	Each	
493	190X190 ELECTROMAGNETIC INTERFERE PACEMAKER	Each	
494	190X190 EXPOSURE LIVE HIGH VOLTAGE HAZARD	Each	
495	190X190 CONFINED GASSES HAZARD	Each	
496	190X190 NON-IONISING RADIATION HAZARD	Each	
497	190X190 IONISING RADIATION HAZARD	Each	
498	190X190 EXPLOSION HAZARD	Each	
499	190X190 METHANE HAZARD	Each	
500	190X190 FRAGILE ROOF HAZARD	Each	
501	190X190 DANGER	Each	
502	190X190 MATERIAL FALLING FROM MOVING CONVEYOR BELT	Each	
503	190X190 BEWARE SLIPPERY STEPS	Each	
504	190X190 BEWARE DANGEROUS DROP	Each	
505	190X190 HIGH DANGER DEATH HAZARD	Each	
506	190X190 POISONOUS SUBSTANCES HAZARD	Each	
507	190X190 CORROSION HAZARD	Each	
508	190X190 SLIPPERY SURFACE HAZARD	Each	
509	190X190 BEWARE OF FORKLIFTS	Each	

510	190X190 INCOMPLETE SCAFFOLDING	Each	
511	190X190 BEWARE DOGS	Each	
512	190X190 HIGH CAUTION	Each	
513	190X190 WORKERS OVERHEAD	Each	
514	190X190 BEWARE MOVING MACHINERY	Each	
515	190X190 WARNING SWINGING OBJECTS	Each	
516	190X190 BEWARE OF LASER	Each	
517	190X190 BIOLOGICAL HAZARD	Each	
518	190X190 WARNING HARMFULL CHEMICALS	Each	
519	190X190 WARNING HIGH LEVELS OF NOISE	Each	
520	190X190 BEWARE FIRE HAZARD	Each	
521	190X190 ASBETOS HAZARD	Each	
522	190X190 CARBON DIOXIDE HAZARD	Each	
523	190X190 CAUTION SUSPENDEED LOAD	Each	
524	190X190 CAUTION UNEVEN SURFACE	Each	
525	190X190 BEWARE LOW OBJECTS	Each	
526	190X380 ABS ARROW LEFT EXIT GREEN	Each	
527	190X380 ABS ARROW RIGHT EXIT	Each	
528	190X380 EXIT GREEN	Each	
529	190X380 EXIT RED	Each	
530	190X190 BEWARE OF ROTATING PARTS	Each	
531	190X190 BEWARE ROTATING BLADES / CUT HAZARD	Each	
532	190X380 EXIT RED & ARROW RIGHT	Each	
533	190X380 EXIT RED & ARROW LEFT	Each	
534	190X190 ABS FIRE MARSHALL	Each	
535	190X190 ABS TROLLEY UNIT	Each	
536	190X190 ABS TRAVELING WAY	Each	
537	190X190 ABS HELICOPTER PAD	Each	
538	190X190 ABS BREATHING APPARATUS	Each	
539	190X190 ABS LIFEBOUY	Each	
540	190X190 ABS REFUELLING POINT	Each	
541	190X190 ABS SHELTER IN PLACE	Each	
542	190X190 ABS COLD BURNS HAZARD	Each	
543	190X190 ABS CONFINED SPACE	Each	
544	190X190 ABS ELECTRIC FENCING	Each	
545	190X190 ABS MAGNET CRANE	Each	
546	190X190 ABS NAIL GUN	Each	
547	190X190 ABS DEMOLITION AREA	Each	
548	190X190 ABS TRIPPING HAZARD	Each	
549	190X190 ABS BEWARE OF ROBOT	Each	
550	190X190 ABS BEWARE OF PULLEY	Each	
551	190x190 ABS HAIR NETS	Each	
552	190X190 ABS FOOT PROTECTION	Each	

553	190X190 ABS KEEP AREA CLEAN	Each	
554	190X190 ABS AIR EXTRACTION	Each	
555	190X190 ABS AIR SUPPLIED HOOD	Each	
556	190X190 ABS FOOT SPATS	Each	
557	190X190 ABS CONDUCTIVE SHOES	Each	
558	190X190 ABS WEAR EAR PLUGS	Each	
559	190X190 ABS WEAR APRON	Each	
560	190X190 ABS WEAR LAB COAT	Each	
561	190X190 ABS FULL WELDING GEAR	Each	
562	190X190 ABS THERMAL SUIT	Each	
563	190X190 ABS OVERALLS	Each	
564	190X190 ABS DRAIN POLLUTION PROHIBITED	Each	
565	190X190 ABS NO LIFTING ON FORKLIFTS	Each	
566	190X190 ABS HANDBAG PROHIBITED	Each	
567	190X190 ABS NO LIFTING ON TROLLEYS	Each	
568	190X190 ABS DRILLING PROHIBITED	Each	
569	190X190 ABS GRINDING PROHIBITED	Each	
570	190X190 ABS NO DRUGS	Each	
571	190X190 ABS NO OILING/CLEANING WHILE IN MOTION	Each	
572	190X190 ABS NO LOUD MUSIC	Each	
573	190X190 ABS NO ROLLERSKATES	Each	
574	190X190 ABS NO HARDHATS	Each	
575	190X190 ABS NO LIGHTERS	Each	
576	190X190 ABS BOMB BLANKET	Each	
577	190X190 ABS FIRE MANS LIFT	Each	
578	190X190 EVENT FIRE BREAK GLASS RELEASE DOOR LOCK	Each	
579	190X190 ABS IN CASE EMERGENCY USE STAIRS NOT LIFT	Each	
580	190X190 ABS FIRE EXT DOWN STAIR D/N USE THE LIFT	Each	
581	190X190 ABS ABS BREAK GLASS & USE PHONE	Each	
582	190X190 ABS EMERGENCY EXIT ONLY	Each	
583	190X190 ABS SMOKE CONTROL KEEP DOOR CLOSED	Each	
584	190X190 ABS EMERGENCY BREAK GLASS & EXIT	Each	
585	190X190 ABS FIRE BREAK GLASS ACTIVE ALARM	Each	
586	190X190 ABS FIRE EXIT KEEP CLEAR	Each	
587	190X190 ABS DANGER FLAMMABLE LIQUIDE NO SMOKING	Each	
588	190X190 ABS HEALTH & SAFETY REP DETAILS	Each	
589	190X190 ABS FIRST AID CONT & EMERGENCY DETAILS	Each	
590	190X190 ABS FIRST AID CONTROLLER DETAILS	Each	
591	190X190 ABS FLOOR LEVEL PH1	Each	
592	190X190 ABS FLOOR LEVEL PH2	Each	
593	190X190 ABS FLOOR LEVEL PH3	Each	
594	190X190 ABS FLOOR LEVEL PH4	Each	
595	190X190 ABS FLOOR LEVEL PH5	Each	

596	190X190 ABS FLOOR LEVEL PH6	Each	
597	190X190 ABS EMERGENCY ASSEMBLY POINT (ENG/AFR)	Each	
598	190X190 ABS EMERGENCY EXIT ONLY - GREEN	Each	
599	190X190 ABS FLOOR LEVEL PH0	Each	
600	190X190 ABS EMERGENCY BREAK GLASS & EXIT GREEN	Each	
601	190X190 ABS EATING & DRINKING PROHIBITED	Each	
602	190X190 ABS DESIGNATED SMOKING AREA	Each	
603	190X190 ABS STAIRS ONLY - L	Each	
604	190X190 ABS L.P FULL GAS	Each	
605	190X190 ABS L.P EMPTY GAS	Each	
606	290X290 EXTINGUISHER	Each	
607	290X290 RED ARROW - R	Each	
608	290X290 RED ARROW - L	Each	
609	290X290 RED ARROW DOWN	Each	
610	290X290 FIRE HOSE	Each	
611	290X290 FIRE HYDRANT	Each	
612	290X290 45 DEG ARROW RED - R	Each	
613	290X290 45 DEG ARROW RED - L	Each	
614	290X290 SIGNAL ALARM	Each	
615	290X290 BOOSTER	Each	
616	290X290 EXIT SIGN RED	Each	
617	290X290 ALARM	Each	
618	290X290 FIRE BLANKET	Each	
619	290X290 SPRINKLER STOP VALVE	Each	
620	290X290 FIRE TELEPHONE	Each	
621	290X290 45 DEG ARROW GREEN - R	Each	
622	290X290 45 DEG ARROW GREEN - L	Each	
623	290X290 STAIRS DOWN - R	Each	
624	290X290 STAIRS DOWN - L	Each	
625	290X290 STAIRS UP - R	Each	
626	290X290 STAIRS UP - L	Each	
627	290X290 LADIES TOILET	Each	
628	290X290 MENS TOILET	Each	
629	290X290 EMERGENCY ASSEMBLY POINT	Each	
630	290X290 GREEN ARROW - R	Each	
631	290X290 GREEN ARROW - L	Each	
632	290X290 GREEN ARROW DOWN	Each	
633	290X290 RUN MAN - R	Each	
634	290X290 RUN MAN - L	Each	
635	290X290 FIRST AID EQUIPMENT	Each	
636	290X290 STAIRS	Each	
637	290X290 REFUGE CHAMBER	Each	
638	290X290 EXIT SIGN GREEN	Each	

639	290X290 MANNED FIRST AID STATION	Each	
640	290X290 LOCATION OF BOMB BAG	Each	
641	290X290 WHEEL CHAIRS	Each	
642	290X290 SAFETY SHOWER	Each	
643	290X290 EYE WASH	Each	
644	290X290 ELECTRIC ISOLATOR SWITCH	Each	
645	290X290 EMERGENCY TELEPHONE	Each	
646	290X290 WAITING PLACE	Each	
647	290X290 TELEPHONE	Each	
648	290X290 DRINKING WATER	Each	
649	290X290 BLASTING POINT	Each	
650	290X290 MAIN ELECTRICAL SWITCH	Each	
651	290X290 BREAK GLASS FOR KEY	Each	
652	290X290 EMERGENCY HANDWASH	Each	
653	290X290 EMERGENCY STOP	Each	
654	290X290 WEAR SAFETY BOOTS	Each	
655	290X290 HAND PROTECTION	Each	
656	290X290 EYE PROTECTION	Each	
657	290X290 SAFETY HARNESS AND LIFELINE	Each	
658	290X290 DUST MASK	Each	
659	290X290 USE SAFETY CAGE	Each	
660	290X290 WAITING PLACE	Each	
661	290X290 SCREENING	Each	
662	290X290 PROTECTIVE CLOTHING	Each	
663	290X290 WASH HANDS	Each	
664	290X290 WEAR EAR PROTECTION	Each	
665	290X290 FACE PROTECTION	Each	
666	290X290 HEAD PROTECTION	Each	
667	290X290 WEAR HIGH VISIBILITY CLOTHING	Each	
668	290X290 RESPIRATORY PROTECTION	Each	
669	290X290 WEAR WELDING MASK	Each	
670	290X290 CYCLING PROHIBITED	Each	
671	290X290 CARRYING OF LONG MATERIAL PROHIBITED	Each	
672	290X290 HAND TRAMMING PROHIBITED	Each	
673	290X290 COMPRESSED AIR TO DUST BODY PROHIBIT	Each	
674	290X290 LOOSE CLOTHING, TIES, JEWELRY PROHIBITED	Each	
675	290X290 NO ENTRY FOR HEAVY VEHICLES	Each	
676	290X290 NO ENTRY FOR VEHICLES	Each	
677	290X290 LOCOMOTIVES PROHIBITED BEYOND THIS POINT	Each	
678	290X290 FIREARMS PROHIBITED	Each	
679	290X290 DOGS PROHIBITED	Each	
680	290X290 CAMERAS PROHIBITED	Each	
681	290X290 ALCOHOL PROHIBITED	Each	

682	290X290 LITTERING PROHIBITED	Each	
683	290X290 SWIMMING PROHIBITED	Each	
684	290X290 SAILING PROHIBITED	Each	
685	290X290 FISHING PROHIBITED	Each	
686	290X290 SMOKING PROHIBITED	Each	
687	290X290 NO ENTRY PROHIBITED	Each	
688	290X290 FIRE AND OPEN FIRE PROHIBITED	Each	
689	290X290 THOROUGHFARE FOR PEDESTRIANS PROHIBITED	Each	
690	290X290 WATER AS EXTINGUISHING AGENT PROHIBITED	Each	
691	290X290 DRINKING OF THIS WATER PROHIBITED	Each	
692	290X290 TRACKTOR&FORKLIFT BEYOND POINT PROHI	Each	
693	290X290 CELLPHONES PROHIBITED	Each	
694	290X290 DO NOT OBSTRUCT	Each	
695	290X290 HELMETS PROHIBITED	Each	
696	290X290 DUMPING PROHIBITED	Each	
697	290X290 ELECTRIC SHOCK	Each	
698	290X290 ELECTROMAGNETIC INTERFERE PACEMAKER	Each	
699	290X290 EXPOSURE LIVE HIGH VOLTAGE HAZARD	Each	
700	290X290 CONFINED GASSES HAZARD	Each	
701	290X290 NON-IONISING RADIATION HAZARD	Each	
702	290X290 IONISING RADIATION HAZARD	Each	
703	290X290 EXPLOSION HAZARD	Each	
704	290X290 METHANE HAZARD	Each	
705	290X290 FRAGILE ROOF HAZARD	Each	
706	290X290 DANGER	Each	
707	290X290 MATERIAL FALLING FROM MOVING CONVEYOR BELT	Each	
708	290X290 BEWARE SLIPPERY STEPS	Each	
709	290X290 BEWARE DANGEROUS DROP	Each	
710	290X290 HIGH DANGER DEATH HAZARD	Each	
711	290X290 POISONOUS SUBSTANCES HAZARD	Each	
712	290X290 CORROSION HAZARD	Each	
713	290X290 SLIPPERY SURFACE HAZARD	Each	
714	290X290 BEWARE OF FORKLIFTS	Each	
715	290X290 INCOMPLETE SCAFFOLDING	Each	
716	290X290 BEWARE DOGS	Each	
717	290X290 HIGH CAUTION	Each	
718	290X290 WORKERS OVERHEAD	Each	
719	290X290 BEWARE MOVING MACHINERY	Each	
720	290X290 WARNING SWINGING OBJECTS	Each	
721	290X290 BEWARE OF LASER	Each	
722	290X290 BIOLOGICAL HAZARD	Each	
723	290X290 WARNING HARMFUL CHEMICALS	Each	
724	290X290 WARNING HIGH LEVELS OF NOISE	Each	

725	290X290 BEWARE FIRE HAZARD	Each	
726	290X290 ASBETOS HAZARD	Each	
727	290X290 CARBON DIOXIDE HAZARD	Each	
728	290X290 CAUTION SUSPENDED LOAD	Each	
729	290X290 CAUTION UNEVEN SURFACE	Each	
730	290X290 BEWARE LOW OBJECTS	Each	
731	290X580 ABS ARROW LEFT EXIT GREEN	Each	
732	290X580 ABS EXIT ARROW RIGHT GREEN	Each	
733	290X580 EXIT GREEN	Each	
734	290X580 EXIT RED	Each	
735	290X290 BEWARE OF ROTATING PARTS	Each	
736	290X290 BEWARE ROTATING BLADES / CUT HAZARD	Each	
737	290X580 EXIT RED & ARROW RIGHT	Each	
738	290X580 EXIT RED & ARROW LEFT	Each	
739	290X290 ABS FIRE MARSHALL	Each	
740	290X290 ABS TROLLEY UNIT	Each	
741	290X290 ABS TRAVELING WAY	Each	
742	290X290 ABS HELICOPTER PAD	Each	
743	290X290 ABS BREATHING APPARATUS	Each	
744	290X290 ABS LIFEBOUY	Each	
745	290X290 ABS REFUELLING POINT	Each	
746	290X290 ABS SHELTER IN PLACE	Each	
747	290X290 ABS COLD BURNS HAZARD	Each	
748	290X290 ABS CONFINED SPACE	Each	
749	290X290 ABS ELECTRIC FENCING	Each	
750	290X290 ABS MAGNET CRANE	Each	
751	290X290 ABS NAIL GUN	Each	
752	290X290 ABS DEMOLITION AREA	Each	
753	290X290 ABS TRIPPING HAZARD	Each	
754	290X290 ABS BEWARE OF ROBOT	Each	
755	290X290 ABS CATWALK HAZARD	Each	
756	290X290 ABS BEWARE OF PULLEY	Each	
757	290x290 ABS HAIR NETS	Each	
758	290X290 ABS FOOT PROTECTION	Each	
759	290X290 ABS KEEP AREA CLEAN	Each	
760	290X290 ABS AIR EXTRACTION	Each	
761	290X290 ABS AIR SUPPLIED HOOD	Each	
762	290X290 ABS FOOT SPATS	Each	
763	290X290 ABS CONDUCTIVE SHOES	Each	
764	290X290 ABS WEAR EAR PLUGS	Each	
765	290X290 ABS WEAR APRON	Each	
766	290X290 ABS WEAR LAB COAT	Each	
767	290X290 ABS FULL WELDING GEAR	Each	

768	290X290 ABS THERMAL SUIT	Each	
769	290X290 ABS OVERALLS	Each	
770	290X290 ABS WEAR CARBON MONOXIDE GAS MONITOR	Each	
771	290X290 ABS DRAIN POLLUTION PROHIBITED	Each	
772	290X290 ABS NO LIFTING ON FORKLIFTS	Each	
773	290X290 ABS HANDBAG PROHIBITED	Each	
774	290X290 ABS NO LIFTING ON TROLLEYS	Each	
775	290X290 ABS DRILLING PROHIBITED	Each	
776	290X290 ABS GRINDING PROHIBITED	Each	
777	290X290 ABS NO DRUGS	Each	
778	290X290 ABS NO DRUGS	Each	
779	290X290 ABS NO OILING/CLEANING WHILE IN MOTION	Each	
780	290X290 ABS NO LOUD MUSIC	Each	
781	290X290 ABS NO ROLLERSKATES	Each	
782	290X290 ABS NO HARDHATS	Each	
783	290X290 ABS NO LIGHTERS	Each	
784	290X290 ABS FIRE MANS LIFT	Each	
785	290X290 EVENT FIRE BREAK GLASS RELEASE DOOR LOCK	Each	
786	290X290 ABS IN CASE EMERGENCY USE STAIRS NOT LIFT	Each	
787	290X290 ABS FIRE EXT DOWN STAIR D/N USE THE LIFT	Each	
788	290X290 ABS BREAK GLASS & USE PHONE	Each	
789	290X290 ABS EMERGENCY EXIT ONLY	Each	
790	290X290 ABS SMOKE CONTROL KEEP DOOR CLOSED	Each	
791	290X290 ABS EMERGENCY BREAK GLASS & EXIT	Each	
792	290X290 ABS FIRE BREAK GLASS ACTIVE ALARM	Each	
793	290X290 ABS FIRE EXIT KEEP CLEAR	Each	
794	290X290 ABS DANGER FLAMMABLE LIQUIDE NO SMOKING	Each	
795	290X290 ABS HEALTH & SAFETY REP DETAILS	Each	
796	290X290 ABS FIRST AID CONT & EMERGENCY DETAILS	Each	
797	290X290 ABS FIRST AID CONTROLLER DETAILS	Each	
798	290X290 ABSEMERGENCY ASS POINT-MULTI LANGUAGES	Each	
799	290X290 ABS EMERGENCY EXIT ONLY - GREEN	Each	
800	290X290 ABS EMERGENCY BREAK GLASS & EXIT GREEN	Each	
801	290X290 ABS EATING & DRINKING PROHIBITED	Each	
802	290X290 ABS DESIGNATED SMOKING AREA	Each	
803	290X290 ABS STAIRS ONLY - L	Each	
804	290X290 ABS L.P FULL GAS	Each	
805	290X290 ABS L.P EMPTY GAS	Each	
806	290X290 ABS FIRE EXIT	Each	
807	380X680 CHEVRON BOARD	Each	
808	400X800 CHEVRON BOARD	Each	
809	440X440 EMERGENCY ASSEMBLY POINT	Each	
810	190X190 PHOTO EXTINGUISHER	Each	

811	190X190 PHOTO RED ARROW - R	Each	
812	190X190 PHOTO RED ARROW - L	Each	
813	190X190 PHOTO RED ARROW DOWN	Each	
814	190X190 PHOTO FIRE HOSE	Each	
815	190X190 PHOTO FIRE HYDRANT	Each	
816	190X190 PHOTO 45 DEG ARROW RED - R	Each	
817	190X190 PHOTO 45 DEG ARROW RED - L	Each	
818	190X190 PHOTO SIGNAL ALARM	Each	
819	190X190 PHOTO BOOSTER	Each	
820	190X190 PHOTO EXIT SIGN RED	Each	
821	190X190 PHOTO ALARM	Each	
822	190X190 PHOTO FIRE BLANKET	Each	
823	190X190 PHOTO SPRINKLER STOP VALVE	Each	
824	190X190 PHOTO FIRE TELEPHONE	Each	
825	190X190 PHOTO 45 DEG ARROW GREEN - R	Each	
826	190X190 PHOTO 45 DEG ARROW GREEN - L	Each	
827	190X190 PHOTO STAIRS DOWN - R	Each	
828	190X190 PHOTO STAIRS DOWN - L	Each	
829	190X190 PHOTO STAIRS UP - R	Each	
830	190X190 PHOTO STAIRS UP - L	Each	
831	190X190 PHOTO LADIES TOILET	Each	
832	190X190 PHOTO MENS TOILET	Each	
833	190X190 PHOTO EMERGENCY ASSEMBLY POINT	Each	
834	190X190 PHOTO GREEN ARROW - R	Each	
835	190X190 PHOTO GREEN ARROW - L	Each	
836	190X190 PHOTO GREEN ARROW DOWN	Each	
837	190X190 PHOTO RUN MAN - R	Each	
838	190X190 PHOTO RUN MAN - L	Each	
839	190X190 PHOTO FIRST AID EQUIPMENT	Each	
840	190X190 PHOTO STAIRS	Each	
841	190X190 PHOTO REFUGE CHAMBER	Each	
842	190X190 PHOTO EXIT SIGN GREEN	Each	
843	190X190 PHOTO MANNED FIRST AID STATION	Each	
844	190X190 PHOTO LOCATION OF BOMB BAG	Each	
845	190X190 PHOTO WHEEL CHAIRS	Each	
846	190X190 PHOTO SAFETY SHOWER	Each	
847	190X190 PHOTO EYE WASH	Each	
848	190X190 PHOTO ELECTRIC ISOLATOR SWITCH	Each	
849	190X190 PHOTO EMERGENCY TELEPHONE	Each	
850	190X190 PHOTO WAITING PLACE	Each	
851	190X190 PHOTO TELEPHONE	Each	
852	190X190 PHOTO DRINKING WATER	Each	
853	190X190 PHOTO BLASTING POINT	Each	

854	190X190 PHOTO MAIN ELECTRICAL SWITCH	Each	
855	190X190 PHOTO BREAK GLASS FOR KEY	Each	
856	190X190 PHOTO EMERGENCY HANDWASH	Each	
857	190X190 PHOTO EMERGENCY STOP	Each	
858	190X190 PHOTO WEAR SAFETY BOOTS	Each	
859	190X190 PHOTO HAND PROTECTION	Each	
860	190X190 PHOTO EYE PROTECTION	Each	
861	190X190 PHOTO SAFETY HARNESS AND LIFELINE	Each	
862	190X190 PHOTO DUST MASK	Each	
863	190X190 PHOTO USE SAFETY CAGE	Each	
864	190X190 PHOTO WAITING PLACE	Each	
865	190X190 PHOTO SCREENING	Each	
866	190X190 PHOTO PROTECTIVE CLOTHING	Each	
867	190X190 PHOTO WASH HANDS	Each	
868	190X190 PHOTO WEAR EAR PROTECTION	Each	
869	190X190 PHOTO FACE PROTECTION	Each	
870	190X190 PHOTO HEAD PROTECTION	Each	
871	190X190 PHOTO WEAR HIGH VISIBILITY CLOTHING	Each	
872	190X190 PHOTO RESPIRATORY PROTECTION	Each	
873	190X190 PHOTO WEAR WELDING MASK	Each	
874	190X190 PHOTO CYCLING PROHIBITED	Each	
875	190X190 PHOTO CARRYING OF LONG MATERIAL PROHIBIT	Each	
876	190X190 PHOTO HAND TRAMMING PROHIBITED	Each	
877	190X190 PHOTO COMPRESSED AIR TO DUST BODY PROHI B	Each	
878	190X190 PHOTO LOOSE CLOTHING,TIES,JEWELRY PROHIB	Each	
879	190X190 PHOTO NO ENTRY FOR HEAVY VEHICLES	Each	
880	190X190 PHOTO NO ENTRY FOR VEHICLES	Each	
881	190X190 PHOTO LOCOMOTIVES PROHIBITED BEYOND POI	Each	
882	190X190 PHOTO FIREARMS PROHIBITED	Each	
883	190X190 PHOTO DOGS PROHIBITED	Each	
884	190X190 PHOTO CAMERAS PROHIBITED	Each	
885	190X190 PHOTO ALCOHOL PROHIBITED	Each	
886	190X190 PHOTO LITTERING PROHIBITED	Each	
887	190X190 PHOTO SWIMMING PROHIBITED	Each	
888	190X190 PHOTO SAILING PROHIBITED	Each	
889	190X190 PHOTO FISHING PROHIBITED	Each	
890	190X190 PHOTO SMOKING PROHIBITED	Each	
891	190X190 PHOTO NO ENTRY PROHIBITED	Each	
892	190X190 PHOTO FIRE AND OPEN FIRE PROHIBITED	Each	
893	190X190 PHOTO THOROUGHFARE FOR PEDESTRIANS PRO	Each	
894	190X190 PHOTO WATER AS EXTINGUISHING AGENT PROHI	Each	
895	190X190 PHOTO DRINKING OF THIS WATER PROHIBITED	Each	
896	190X190 PHOTO TRACKTOR&FORKLIFT BEYOND POINT PR	Each	

897	190X190 PHOTO CELLPHONES PROHIBITED	Each	
898	190X190 PHOTO DO NOT OBSTRUCT	Each	
899	190X190 PHOTO HELMETS PROHIBITED	Each	
900	190X190 PHOTO DUMPING PROHIBITED	Each	
901	190X190 PHOTO ELECTRIC SHOCK	Each	
902	190X190 PHOTO ELECTROMAGNETIC INTERFERE PACEMA	Each	
903	190X190 PHOTO EXPOSURE LIVE HIGH VOLTAGE HAZARD	Each	
904	190X190 PHOTO CONFINED GASSES HAZARD	Each	
905	190X190 PHOTO NON-IONISING RADIATION HAZARD	Each	
906	190X190 PHOTO IONISING RADIATION HAZARD	Each	
907	190X190 PHOTO EXPLOSION HAZARD	Each	
908	190X190 PHOTO METHANE HAZARD	Each	
909	190X190 PHOTO FRAGILE ROOF HAZARD	Each	
910	190X190 PHOTO DANGER	Each	
911	190X190 PHOTO MATERIAL FALLING FROM CONVEYOR BELT	Each	
912	190X190 PHOTO BEWARE SLIPPERY STEPS	Each	
913	190X190 PHOTO BEWARE DANGEROUS DROP	Each	
914	190X190 PHOTO HIGH DANGER DEATH HAZARD	Each	
915	190X190 PHOTO POISONOUS SUBSTANCES HAZARD	Each	
916	190X190 PHOTO CORRISSION HAZARD	Each	
917	190X190 PHOTO SLIPPERY SURFACE HAZARD	Each	
918	190X190 PHOTO BEWARE OF FORKLIFTS	Each	
919	190X190 PHOTO INCOMPLETE SCAFFOLDING	Each	
920	190X190 PHOTO BEWARE DOGS	Each	
921	190X190 PHOTO HIGH CAUTION	Each	
922	190X190 PHOTO WORKERS OVERHEAD	Each	
923	190X190 PHOTO BEWARE MOVING MACHINERY	Each	
924	190X190 PHOTO WARNING SWINGING OBJECTS	Each	
925	190X190 PHOTO BEWARE OF LASER	Each	
926	190X190 PHOTO BIOLOGICAL HAZARD	Each	
927	190X190 PHOTO WARNING HARMFUL CHEMICALS	Each	
928	190X190 PHOTO WARNING HIGH LEVELS OF NOISE	Each	
929	190X190 PHOTO BEWARE FIRE HAZARD	Each	
930	190X190 PHOTO ASBESTOS HAZARD	Each	
931	190X190 PHOTO CARBON DIOXIDE HAZARD	Each	
932	190X190 PHOTO CAUTION SUSPENDED LOAD	Each	
933	190X190 PHOTO CAUTION UNEVEN SURFACE	Each	
934	190X190 PHOTO BEWARE LOW OBJECTS	Each	
935	190X380 PHOTO ARROW LEFT EXIT GREEN	Each	
936	190X380 PHOTO EXIT ARROW RIGHT	Each	
937	190X380 PHOTO EXIT GREEN	Each	
938	190X380 PHOTO EXIT RED	Each	
939	190X190 PHOTO BEWARE OF ROTATING PARTS	Each	

940	190X190 PHOTO BEWARE ROTATING BLADES / CUT HAZAR	Each	
941	190X380 PHOTO EXIT RED & ARROW RIGHT	Each	
942	190X380 PHOTO EXIT RED & ARROW LEFT	Each	
943	190X190 PHOTO FIRE MARSHALL	Each	
944	190X190 PHOTO TROLLEY UNIT	Each	
945	190X190 PHOTO TRAVELING WAY	Each	
946	190X190 PHOTO HELICOPTER PAD	Each	
947	190X190 PHOTO BREATHING APPARATUS	Each	
948	190X190 PHOTO LIFEBOUY	Each	
949	190X190 PHOTO REFUELLING POINT	Each	
950	190X190 PHOTO SHELTER IN PLACE	Each	
951	190x190 PHOTO COLD BURNS HAZARD	Each	
952	190X190 PHOTO CONFINED SPACE	Each	
953	190X190 PHOTO ELECTRIC FENCING	Each	
954	190X190 PHOTO MAGNET CRANE	Each	
955	190X190 PHOTO NAIL GUN	Each	
956	190X190 PHOTO DEMOLITION AREA	Each	
957	190X190 PHOTO TRIPPING HAZARD	Each	
958	190X190 PHOTO BEWARE OF ROBOT	Each	
959	190X190 PHOTO CATWALK HAZARD	Each	
960	190X190 PHOTO BEWARE OF PULLEY	Each	
961	190x190 PHOTO HAIR NETS	Each	
962	190X190 PHOTO FOOT PROTECTION	Each	
963	190X190 PHOTO KEEP AREA CLEAN	Each	
964	190X190 PHOTO AIR EXTRACTION	Each	
965	190X190 PHOTO AIR SUPPLIED HOOD	Each	
966	190X190 PHOTO FOOT SPATS	Each	
967	190X190 PHOTO CONDUCTIVE SHOES	Each	
968	190X190 PHOTO WEAR EAR PLUGS	Each	
969	190X190 PHOTO WEAR APRON	Each	
970	190X190 PHOTO WEAR LAB COAT	Each	
971	190X190 PHOTO FULL WELDING GEAR	Each	
972	190X190 PHOTO THERMAL SUIT	Each	
973	190X190 PHOTO OVERALLS	Each	
974	190X190 PHOTO WEAR CARBON MONOXIDE GAS MONITO	Each	
975	190X190 PHOTO DRAIN POLLUTION PROHIBITED	Each	
976	190X190 PHOTO NO LIFTING ON FORKLIFTS	Each	
977	190X190 PHOTO HANDBAG PROHIBITED	Each	
978	190X190 PHOTO NO LIFTING ON TROLLEYS	Each	
979	190X190 PHOTO DRILLING PROHIBITED	Each	
980	190X190 PHOTO GRINDING PROHIBITED	Each	
981	190X190 PHOTO NO DRUGS	Each	
982	190X190 PHOTO NO OILING/CLEANING WHILE IN MOTION	Each	

983	190X190 PHOTO NO LOUD MUSIC	Each	
984	190X190 PHOTO NO ROLLERSKATES	Each	
985	190X190 PHOTO NO HARDHATS	Each	
986	190X190 PHOTO NO LIGHTERS	Each	
987	190X190 PHOTO BOMB BLANKET	Each	
988	190X190 FIRE MANS LIFT	Each	
989	190X190 IN THE EVENT OF FIRE BREAK GLASS TO	Each	
990	190X190P IN CASE OF EMERGENCY USE STAIRS NOT LIFT	Each	
991	190X190 PHOTO FIRE EXT DOWN STAIR D/N USE THE LIFT	Each	
992	190X190 PHOTO BREAK GLASS & USE PHONE	Each	
993	190X190 PHOTO EMERGENCY EXIT ONLY	Each	
994	190X190 PHOTO SMOKE CONTROL KEEP DOOR CLOSED	Each	
995	190X190 PHOTO EMERGENCY BREAK GLASS & EXIT	Each	
996	190X190 PHOTO FIRE BREAK GLASS ACTIVE ALARM	Each	
997	190X190 PHOTO FIRE EXIT KEEP CLEAR	Each	
998	190X190 PHOTO DANGER FLAMMABLE LIQUIDE NO SMOKI	Each	
999	190X190 PHOTO HEALTH & SAFETY REP DETAILS	Each	
1000	190X190 PHOTO FIRST AID CONT & EMERGENCY DETAILS	Each	
1001	190X190 PHOTO FIRST AID CONTROLLER DETAILS	Each	
1002	190X190 PHOTO FLOOR LEVEL PH1	Each	
1003	190X190 PHOTO FLOOR LEVEL PH2	Each	
1004	190X190 PHOTO FLOOR LEVEL PH3	Each	
1005	190X190 PHOTO FLOOR LEVEL PH4	Each	
1006	190X190 PHOTO FLOOR LEVEL PH5	Each	
1007	190X190 PHOTO FLOOR LEVEL PH6	Each	
1008	190X190 PHOTO DISABLED REFUGE AREA	Each	
1009	190X190 PHOTO EMERGENCY BREAK GLASS & EXIT GREEN	Each	
1010	190X190 PHOTO FLOOR LEVEL PH7	Each	
1011	190X190 PHOTO FLOOR LEVEL PH8	Each	
1012	190X190 PHOTO FLOOR LEVEL PH9	Each	
1013	190X190 PHOTO FLOOR LEVEL PH0	Each	
1014	190X190 PHT CASE OF EMERG USE STAIRS NOT LIFT; RML	Each	
1015	190X190 PHOTO EMERGENCY EXIT ONLY - GREEN	Each	
1016	190X190 PHOTO EMERGENCY ASS POINT-MULTI LANGUA G	Each	
1017	190X190 PHOTO EATING & DRINKING PROHIBITED	Each	
1018	190X190 PHOTO DESIGNATED SMOKING AREA	Each	
1019	190X190 PHOTO STAIRS ONLY - L	Each	
1020	190X190 PHOTO EMERGENCY CALL POINT	Each	
1021	190X190 PHOTO FIRE ALARM CALL POINT	Each	
1022	190X190 PHOTO L.P FULL GAS	Each	
1023	190X190 PHOTO L.P EMPTY GAS	Each	
1024	290X290 PHOTO EXTINGUISHER	Each	
1025	290X290 PHOTO RED ARROW - R	Each	

1026	290X290 PHOTO RED ARROW - L	Each	
1027	290X290 PHOTO RED ARROW DOWN	Each	
1028	290X290 PHOTO FIRE HOSE	Each	
1029	290X290 PHOTO FIRE HYDRANT	Each	
1030	290X290 PHOTO 45 DEG ARROW RED - R	Each	
1031	290X290 PHOTO 45 DEG ARROW RED - L	Each	
1032	290X290 PHOTO SIGNAL ALARM	Each	
1033	290X290 PHOTO BOOSTER	Each	
1034	290X290 PHOTO EXIT SIGN RED	Each	
1035	290X290 PHOTO ALARM	Each	
1036	290X290 PHOTO FIRE BLANKET	Each	
1037	290X290 PHOTO SPRINKLER STOP VALVE	Each	
1038	290X290 PHOTO FIRE TELEPHONE	Each	
1039	290X290 PHOTO 45 DEG ARROW GREEN - R	Each	
1040	290X290 PHOTO 45 DEG ARROW GREEN - L	Each	
1041	290X290 PHOTO STAIRS DOWN - R	Each	
1042	290X290 PHOTO STAIRS DOWN - L	Each	
1043	290X290 PHOTO STAIRS UP - R	Each	
1044	290X290 PHOTO STAIRS UP - L	Each	
1045	290X290 PHOTO LADIES TOILET	Each	
1046	290X290 PHOTO MENS TOILET	Each	
1047	290X290 PHOTO EMERGENCY ASSEMBLY POINT	Each	
1048	290X290 PHOTO GREEN ARROW - R	Each	
1049	290X290 PHOTO GREEN ARROW - L	Each	
1050	290X290 PHOTO GREEN ARROW DOWN	Each	
1051	290X290 PHOTO RUN MAN - R	Each	
1052	290X290 PHOTO RUN MAN - L	Each	
1053	290X290 PHOTO FIRST AID EQUIPMENT	Each	
1054	290X290 PHOTO STAIRS	Each	
1055	290X290 PHOTO REFUGE CHAMBER	Each	
1056	290X290 PHOTO EXIT SIGN GREEN	Each	
1057	290X290 PHOTO MANNED FIRST AID STATION	Each	
1058	290X290 PHOTO LOCATION OF BOMB BAG	Each	
1059	290X290 PHOTO WHEEL CHAIRS	Each	
1060	290X290 PHOTO SAFETY SHOWER	Each	
1061	290X290 PHOTO EYE WASH	Each	
1062	290X290 PHOTO ELECTRIC ISOLATOR SWITCH	Each	
1063	290X290 PHOTO EMERGENCY TELEPHONE	Each	
1064	290X290 PHOTO WAITING PLACE	Each	
1065	290X290 PHOTO TELEPHONE	Each	
1066	290X290 PHOTO DRINKING WATER	Each	
1067	290X290 PHOTO BLASTING POINT	Each	
1068	290X290 PHOTO MAIN ELECTRICAL SWITCH	Each	

1069	290X290 PHOTO BREAK GLASS FOR KEY	Each	
1070	290X290 PHOTO EMERGENCY HANDWASH	Each	
1071	290X290 PHOTO EMERGENCY STOP	Each	
1072	290X290 PHOTO WEAR SAFETY BOOTS	Each	
1073	290X290 PHOTO HAND PROTECTION	Each	
1074	290X290 PHOTO EYE PROTECTION	Each	
1075	290X290 PHOTO SAFETY HARNESS AND LIFELINE	Each	
1076	290X290 PHOTO DUST MASK	Each	
1077	290X290 PHOTO USE SAFETY CAGE	Each	
1078	290X290 PHOTO WAITING PLACE	Each	
1079	290X290 PHOTO SCREENING	Each	
1080	290X290 PHOTO PROTECTIVE CLOTHING	Each	
1081	290X290 PHOTO WASH HANDS	Each	
1082	290X290 PHOTO WEAR EAR PROTECTION	Each	
1083	290X290 PHOTO FACE PROTECTION	Each	
1084	290X290 PHOTO HEAD PROTECTINO	Each	
1085	290X290 PHOTO WEAR HIGH VISIBILITY CLOTHING	Each	
1086	290X290 PHOTO RESPIRATORY PROTECTION	Each	
1087	290X290 PHOTO WEAR WELDING MASK	Each	
1088	290X290 PHOTO CYCLING PROHIBITED	Each	
1089	290X290 PHOTO CARRYING OF LONG MATERIAL PROHIBIT	Each	
1090	290X290 PHOTO HAND TRAMMING PROHIBITED	Each	
1091	290X290 PHOTO COMPRESSED AIR TO DUST BODY PROHI B	Each	
1092	290X290 PHOTO LOOSE CLOTHING,TIES,JEWELRY PROHIB	Each	
1093	290X290 PHOTO NO ENTRY FOR HEAVY VEHICLES	Each	
1094	290X290 PHOTO NO ENTRY FOR VEHICLES	Each	
1095	290X290 PHOTO LOCOMOTIVES PROHIBITED BEYOND POI	Each	
1096	290X290 PHOTO FIREARMS PROHIBITED	Each	
1097	290X290 PHOTO DOGS PROHIBITED	Each	
1098	290X290 PHOTO CAMERAS PROHIBITED	Each	
1099	290X290 PHOTO ALCOHOL PROHIBITED	Each	
1100	290X290 PHOTO LITTERING PROHIBITED	Each	
1101	290X290 PHOTO SWIMMING PROHIBITED	Each	
1102	290X290 PHOTO SAILING PROHIBITED	Each	
1103	290X290 PHOTO FISHING PROHIBITED	Each	
1104	290X290 PHOTO SMOKING PROHIBITED	Each	
1105	290X290 PHOTO NO ENTRY PROHIBITED	Each	
1106	290X290 PHOTO FIRE AND OPEN FIRE PROHIBITED	Each	
1107	290X290 PHOTO THOROUGHFARE FOR PEDESTRIANS PRO	Each	
1108	290X290 PHOTO WATER AS EXTINGUISHING AGENT PROHI	Each	
1109	290X290 PHOTO DRINKING OF THIS WATER PROHIBITED	Each	
1110	290X290 PHOTO TRACKTOR&FORKLIFT BEYOND POINT PR	Each	
1111	290X290 PHOTO CELLPHONES PROHIBITED	Each	

1112	290X290 PHOTO DO NOT OBSTRUCT	Each	
1113	290X290 PHOTO HELMETS PROHIBITED	Each	
1114	290X290 PHOTO DUMPING PROHIBITED	Each	
1115	290X290 PHOTO ELECTRIC SHOCK	Each	
1116	290X290 PHOTO ELECTROMAGNETIC INTERFERE PACEMA	Each	
1117	290X290 PHOTO EXPOSURE LIVE HIGH VOLTAGE HAZARD	Each	
1118	290X290 PHOTO CONFINED GASSES HAZARD	Each	
1119	290X290 PHOTO NON-IONISING RADIATION HAZARD	Each	
1120	290X290 PHOTO IONISING RADIATION HAZARD	Each	
1121	290X290 PHOTO EXPLOSION HAZARD	Each	
1122	290X290 PHOTO METHANE HAZARD	Each	
1123	290X290 PHOTO FRAGILE ROOF HAZARD	Each	
1124	290X290 PHOTO DANGER	Each	
1125	290X290 PHOTO MATERIAL FALLING FROM CONVEYOR BELT	Each	
1126	290X290 PHOTO BEWARE SLIPPERY STEPS	Each	
1127	290X290 PHOTO BEWARE DANGEROUS DROP	Each	
1128	290X290 PHOTO HIGH DANGER DEATH HAZARD	Each	
1129	290X290 PHOTO POISONOUS SUBSTANCES HAZARD	Each	
1130	290X290 PHOTO CORRISSION HAZARD	Each	
1131	290X290 PHOTO SLIPPERY SURFACE HAZARD	Each	
1132	290X290 PHOTO BEWARE OF FORKLIFTS	Each	
1133	290X290 PHOTO INCOMPLETE SCAFFOLDING	Each	
1134	290X290 PHOTO BEWARE DOGS	Each	
1135	290X290 PHOTO HIGH CAUTION	Each	
1136	290X290 PHOTO WORKERS OVERHEAD	Each	
1137	290X290 PHOTO BEWARE MOVING MACHINERY	Each	
1138	290X290 PHOTO WARNING SWINGING OBJECTS	Each	
1139	290X290 PHOTO BEWARE OF LASER	Each	
1140	290X290 PHOTO BIOLOGICAL HAZARD	Each	
1141	290X290 PHOTO WARNING HARMFULL CHEMICALS	Each	
1142	290X290 PHOTO WARNING HIGH LEVELS OF NOISE	Each	
1143	290X290 PHOTO BEWARE FIRE HAZARD	Each	
1144	290X290 PHOTO ASBETOS HAZARD	Each	
1145	290X290 PHOTO CARBON DIOXIDE HAZARD	Each	
1146	290X290 PHOTO CAUTION SUSPENDEED LOAD	Each	
1147	290X290 PHOTO CAUTION UNEVEN SURFACE	Each	
1148	290X290 PHOTO BEWARE LOW OBJECTS	Each	
1149	290X580 PHOTO ARROW LEFT EXIT GREEN	Each	
1150	290X580 PHOTO EXIT ARROW RIGHT GREEN	Each	
1151	290X580 PHOTO EXIT GREEN	Each	
1152	290X580 PHOTO EXIT RED	Each	
1153	290X290 PHOTO BEWARE OF ROTATING PARTS	Each	
1154	290X290 PHOTO BEWARE ROTATING BLADES / CUT HAZAR	Each	

1155	290X580 PHOTO EXIT RED & ARROW RIGHT	Each	
1156	290X580 PHOTO EXIT RED & ARROW LEFT	Each	
1157	290X290 PHOTO FIRE MARSHALL	Each	
1158	290X290 PHOTO TROLLEY UNIT	Each	
1159	290X290 PHOTO TRAVELING WAY	Each	
1160	290X290 PHOTO HELICOPTER PAD	Each	
1161	290X290 PHOTO BREATHING APPARATUS	Each	
1162	290X290 PHOTO LIFEBOUY	Each	
1163	290X290 PHOTO REFUELLING POINT	Each	
1164	290X290 PHOTO SHELTER IN PLACE	Each	
1165	290x290 PHOTO COLD BURNS HAZARD	Each	
1166	290X290 PHOTO CONFINED SPACE	Each	
1167	290X290 PHOTO ELECTRIC FENCING	Each	
1168	290X290 PHOTO MAGNET CRANE	Each	
1169	290X290 PHOTO NAIL GUN	Each	
1170	290X290 PHOTO DEMOLITION AREA	Each	
1171	290X290 PHOTO TRIPPING HAZARD	Each	
1172	290X290 PHOTO BEWARE OF ROBOT	Each	
1173	290X290 PHOTO CATWALK HAZARD	Each	
1174	290X290 PHOTO BEWARE OF PULLEY	Each	
1175	290x290 PHOTO HAIR NETS	Each	
1176	290X290 PHOTO FOOT PROTECTION	Each	
1177	290X290 PHOTO KEEP AREA CLEAN	Each	
1178	290X290 PHOTO AIR EXTRACTION	Each	
1179	290X290 PHOTO AIR SUPPLIED HOOD	Each	
1180	290X290 PHOTO FOOT SPATS	Each	
1181	290X290 PHOTO CONDUCTIVE SHOES	Each	
1182	290X290 PHOTO WEAR EAR PLUGS	Each	
1183	290X290 PHOTO WEAR APRON	Each	
1184	290X290 PHOTO WEAR LAB COAT	Each	
1185	290X290 PHOTO FULL WELDING GEAR	Each	
1186	290X290 PHOTO THERMAL SUIT	Each	
1187	290X290 PHOTO OVERALLS	Each	
1188	290X290 PHOTO CARBON MONOXIDE GAS MONITOR	Each	
1189	290X290 PHOTO DRAIN POLLUTION PROHIBITED	Each	
1190	290X290 PHOTO NO LIFTING ON FORKLIFTS	Each	
1191	290X290 PHOTO HANDBAG PROHIBITED	Each	
1192	290X290 PHOTO NO LIFTING ON TROLLEYS	Each	
1193	290X290 PHOTO DRILLING PROHIBITED	Each	
1194	290X290 PHOTO GRINDING PROHIBITED	Each	
1195	290X290 PHOTO NO DRUGS	Each	
1196	290X290 PHOTO NO OILING/CLEANING WHILE IN MOTION	Each	
1197	290X290 PHOTO NO LOUD MUSIC	Each	

1198	290X290 PHOTO NO ROLLERSKATES	Each	
1199	290X290 PHOTO NO HARDHATS	Each	
1200	290X290 PHOTO NO LIGHTERS	Each	
1201	290X290 PHOTO FIRE MANS LIFT	Each	
1202	290X290 P EVENT FIRE BREAK GLASS RELEASE DOOR LOC K	Each	
1203	290X290 P IN CASE OF EMERGENCY USE STAIRS NOT LIFT	Each	
1204	290X290 PHOTO FIRE EXT DOWN STAIR D/N USE THE LIFT	Each	
1205	290X290 PHOTO BREAK GLASS & USE PHONE	Each	
1206	290X290 PHOTO EMERGENCY EXIT ONLY	Each	
1207	290X290 PHOTO SMOKE CONTROL KEEP DOOR CLOSED	Each	
1208	290X290 PHOTO EMERGENCY BREAK GLASS & EXIT	Each	
1209	290X290 PHOTO FIRE BREAK GLASS ACTIVE ALARM	Each	
1210	290X290 PHOTO FIRE EXIT KEEP CLEAR	Each	
1211	290X290 PHOTO DANGER FLAMMABLE LIQUIDE NO SMOKI	Each	
1212	290X290 PHOTO HEALTH & SAFETY REP DETAILS	Each	
1213	290X290 PHOTO FIRST AID CONT & EMERGENCY DETAILS	Each	
1214	290X290 PHOTO FIRST AID CONTROLLER DETAILS	Each	
1215	290X290 PHOTO CAUTION STEEP STAIRS	Each	
1216	290X290 PHOTO SLIPPERY WHEN WET	Each	
1217	290X290 PHOTO EMERGENCY ASS POINT-MULTI LANGUA G	Each	
1218	290X290 PHOTO FIRE EXIT KEEP CLEAR - GREEN	Each	
1219	290X290 PHOTO EMERGENCY EXIT ONLY - GREEN	Each	
1220	290X290 PHOTO EMERGENCY EXIT - GREEN	Each	
1221	290X290 PHOTO NO EATING & DRINKING PROHIBITED	Each	
1222	290X290 PHOTO DESIGNATED SMOKING AREA	Each	
1223	290X290 PHOTO STAIRS ONLY - L	Each	
1224	290X290 PHOTO L.P FULL GAS	Each	
1225	290X290 PHOTO L.P EMPTY GAS	Each	
1226	380X680 PHOTO CHEVRON BOARD	Each	
1227	440X440 PHOTO EMERGENCY ASSEMBLY POINT	Each	
1228	190x380 PHOTO RUN RIGHT & ARROW	Each	
1229	190X380 PHOTO RUN LEFT & ARROW	Each	
1230	190X380 PHOTO RUN RIGHT & DOWN ARROW	Each	
1231	190X570 PHOTO RED DOWN ARROW, HOSE, EXT	Each	
1232	190X570 PHOTO RED LF ARROW, HOSE, EXT	Each	
1233	190X570 PHOTO RED EXT, HOSE, RIGHT ARROW	Each	
1234	190X380 PHOTO RED ARROW DOWN, EXT	Each	
1235	190X380 PHOTO RED ARROW RIGHT & EXT	Each	
1236	190X380 PHOTO RED ARROW LEFT AND EXT	Each	
1237	190X380 PHOTO FIRE EXIT KEEP CLEAR	Each	
1238	190X570 PHOTO RMR, SDR, GA RIGHT	Each	
1239	190X570 PHOTO GA LEFT, SDL, RML	Each	
1240	190X760 PHOTO RA DOWN, EXT, HR, HV	Each	

1241	190X760 PHOTO RA LEFT, EXT, HR, HV	Each	
1242	190X760 PHOTO HV, EXT, HR, RA RIGHT	Each	
1243	190X380 PHOTO RA DOWN, HV	Each	
1244	190X760 PHOTO GA+RM LEFT, RM+GA RIGHT	Each	
1245	190X380 PHOTO PORTRAIT EXTI TOP AND RA DOWN BOTT O	Each	
1246	290 X 580 PHOTO HOSE REEL & EXTINGUISHER SIGN	Each	
1247	290 X 580 PHOTO GA DOWN , RML	Each	
1248	190 X 380 PHOTO HOSE REEL & EXTINGUISHER	Each	
1249	290 X 580 PHOTO EXTINGUISHER & RED ARROW DOWN	Each	
1250	290 X 870 PHOTO H/REEL, EXTING AND RED ARROW DOW N	Each	
1251	190X380 PHOTO RED ARROW DOWN & HOSE REEL	Each	
1252	190X380 PHOTO EMERGENCY BREAK GLASS FOR EXIT KEY	Each	
1253	290X580 PHOTO EMERGENCY BREAK GLASS FOR EXIT KEY	Each	
1254	290X580 PHOTO FIRE EXIT KEEP CLEAR	Each	
1255	190X380 PHOTO EMERGENCY EXIT ONLY	Each	
1256	290X580 PHOTO EMERGENCY EXIT ONLY	Each	
1257	190X380 PHOTO OF FIRE BREAK GLASS & ACTIVATE ALARM	Each	
1258	290X580 PHOTO OF FIRE BREAK GLASS & ACTIVATE ALARM	Each	
1259	190X380 PHOTO FIRE EXIT DOWN STAIRS NOT LIFTS	Each	
1260	290X580 PHOTO FIRE EXIT DOWN STAIRS NOT LIFTS	Each	
1261	190X380 PHOTO DANGER FLAMMABLE LIQUIDS NO SMOKI	Each	
1262	290X580 PHOTO DANGER FLAMMABLE LIQUIDS NO SMOKI	Each	
1263	190X380 PHOTO SMOKE CONTROL KEEP DOORS CLOSED	Each	
1264	290X580 PHOTO SMOKE CONTROL KEEP DOORS CLOSED	Each	
1265	190X380 PHOTO EMERGENCY BREAK GLASS AND USE PHO	Each	
1266	290X580 PHOTO EMERGENCY BREAK GLASS AND USE PH O	Each	
1267	290X580 PHOTO RED EXT, ARROW RIGHT	Each	
1268	290X580 PHOTO RED ARROW DOWN & HOSE REEL	Each	
1269	290X580 PHOTO RA DOWN, HY	Each	
1270	190X380 PHOTO HOSE REEL AND ARROW RIGHT	Each	
1271	290X580 PHOTO HOSE REEL AND ARROW RIGHT	Each	
1272	190X380 PHOTO ARROW LEFT AND HOSE REEL	Each	
1273	290X580 PHOTO ARROW LEFT AND HOSE REEL	Each	
1274	190X380 PHOTO ARROW LEFT AND HYDRANT	Each	
1275	290X580 PHOTO ARROW LEFT AND HYDRANT	Each	
1276	190X380 PHOTO HYDRANT AND ARROW RIGHT	Each	
1277	290X580 PHOTO HYDRANT AND ARROW RIGHT	Each	
1278	190X570 PHOTO RED ARROW DOWN, HOSE, HYDRANT	Each	
1279	190X570 PHOTO RED ARROW LEFT, HOSE, HYDRANT	Each	
1280	190X570 PHOTO EXTINGUISHER, HOSE, HYDRANT	Each	
1281	190X570 PHOTO HYDRANT, EXTINGUISHER, RED ARROW R	Each	
1282	190X570 PHOTO ARROW LEFT, EXTINGUISHER, HYDRANT	Each	
1283	190X570 PHOTO ARROW DOWN, EXTINGUISHER, HYDRAN	Each	

1284	190X570 PHOTO HYDRANT, HOSE AND ARROW RIGHT	Each	
1285	290X580 PHOTO RUN RIGHT AND ARROW	Each	
1286	290X580 PHOTO RUN RIGHT & DOWN ARROW	Each	
1287	190X380 PHOTO ARROW DOWN AND FIRST AID KIT	Each	
1288	290X580 PHOTO ARROW DOWN AND FIRST AID KIT	Each	
1289	190X380 PHOTO RUN MAN RIGHT AND 45 DEG ARROW UP	Each	
1290	290X580 PHOTO RUN MAN RIGHT AND 45 DEG ARROW UP	Each	
1291	190X380 PHOTO RUN MAN RIGHT AND 45 DEG ARROW DO	Each	
1292	290X580 PHOTO RUN MAN RIGHT AND 45 DEG ARROW DO	Each	
1293	290X580 PHOTO RUN LEFT & ARROW	Each	
1294	190X380 PHOTO GA DOWN, RUN MAN LEFT	Each	
1295	190X380 PHOTO GREEN ARROW UP, RUN MAN LEFT	Each	
1296	190X570 PHOTO GREEN ARROW UP, RUN MAN LEFT	Each	
1297	190X380 PHOTO GREEN 45 DEG ARROW UP AND RUN LEF T	Each	
1298	290X580 PHOTO GREEN 45 DEG ARROW UP AND RUN LEF T	Each	
1299	190X380 PHOTO 45 DEG ARROW DOWN AND RUN LEFT	Each	
1300	290X580 PHOTO 45 DEG ARROW DOWN AND RUN LEFT	Each	
1301	290X580 PHOTO RED ARROW LEFT & EXT	Each	
1302	290x870 PHOTO RED LF ARROW, HOSE, EXT	Each	
1303	290x870 PHOTO RED EXT, HOSE, RIGHT ARROW	Each	
1304	290X870 PHOTO RED ARROW DOWN, HOSE, HYDRANT	Each	
1305	290X870 PHOTO RED ARROW LEFT, HOSE, HYDRANT	Each	
1306	290X870 PHOTO EXTINGUISHER, HOSE, HYDRANT	Each	
1307	290X870 PHOTO HYDRANT, EXTINGUISHER, RED ARROW R	Each	
1308	290X870 PHOTO ARROW LEFT, EXTINGUISHER, HYDRANT	Each	
1309	290X870 PHOTO ARROW DOWN, EXTINGUISHER, HYDRAN	Each	
1310	290X870 PHOTO HYDRANT, HOSE AND ARROW RIGHT	Each	
1311	290X1160 PHOTO HV, EXT, HR, RA RIGHT	Each	
1312	290X1160 PHOTO RA LEFT, EXT, HR, HV	Each	
1313	290X1160 PHOTO RA DOWN, EXT, HR, HV	Each	
1314	290X870 PHOTO RMR, SDR, GA RIGHT	Each	
1315	290X870 PHOTO GA LEFT, SDL, RML	Each	
1316	290X1160 PHOTO GA+RM LEFT, RM+GA RIGHT	Each	
1317	290X580 PHOTO PORTRAIT EXTI TOP AND RA DOWN BOTT O	Each	
1318	190X570 J1-DISABLED REFUGE AREA+ARROW RIGHT	Each	
1319	190X570 J2-DISABLED REFUGE AREA+ARROW LEFT	Each	
1320	190X570 J3-DISABLED REFUGE AREA+ARROW DOWN	Each	
1321	190X570 J4-DISABLED REFUGE AREA ONLY	Each	
1322	190X570 RMR, STAIRS UP, GA RIGHT	Each	
1323	190X570 GA LEFTSTAIRS UP , RML	Each	
1324	190X570 GA LEFT, RMR, GA RIGHT	Each	
1325	380X190 PHOTO PORTRAIT EXTINGUISHER & R/A DOWN	Each	
1326	580X290 PHOTO PORTRAIT EXTINGUISHER TOP & R/A DOW	Each	

1327	380X190 PHOTO PORTRAIT RMR, ARROW DOWN	Each	
1328	290X870 PHOTO GA LEFT, RMR, GA RIGHT	Each	
1329	290X870 PHOTO J1-DISABLED REFUGE AREA+ARROW RIGHT	Each	
1330	290X870 PHOTO J2-DISABLED REFUGE AREA + ARROW LEFT	Each	
1331	290X870 PHOTO J3-DISABLED REFUGE AREA+ARROW DOWN	Each	
1332	290X870 PHOTO J4 - DISABLED REFUGE AREA ONLY	Each	
1333	290X580 PHOTO FIRE BRIGADE SUCTION POINT	Each	
1334	380X190 PHOTO PORTRAIT RMR, ARROW RIGHT	Each	
1335	380X190 PHOTO PORTRAIT RML, ARROW LEFT	Each	
1336	580X290 PHOTO PORTRAIT RMR AND ARROW RIGHT	Each	
1337	290X870 PHOTO RMR, S/ONLY UR, RIGHT ARROW	Each	
1338	290X870 PHOTO RML, SDL, ARROW LEFT	Each	
1339	290X870 PHOTO RMR; SDR; 45 DEGREE ARROW DOWN	Each	
1340	190X570 PHOTO ARROW DOWN; SDL & RML	Each	
1341	190X570 PHOTO RMR; SDR & ARROW DOWN	Each	
1342	190X380 PHOTO FIRE EXIT KEEP CLEAR - ENG & AFR	Each	
1343	190X570 PHOTO RMR; SDR; 45 DEGREE ARROW DOWN	Each	
1344	290X870 PHOTO RMR, SDR, ARROW RIGHT	Each	
1345	290X870 PHOTO RML, SUL, LEFT ARROW	Each	
1346	190X570 PHOTO EXIT; RMR; ARROW DOWN	Each	
1347	190X380 PHOTO FIRE EXIT KEEP CLEAR - GREEN	Each	
1348	380X190 PHOTO PORTRAIT STAIRS UP -L, ARROW LEFT	Each	
1349	380X190 PHOTO PORTRAIT STAIRS UP -R, ARROW RIGHT	Each	
1350	190X380 PHOTO FIRE EQUIPMENT KEEP CLEAR	Each	
1351	190X380 PHOTO DISABLED REFUGE AREA & WHEEL CHAIR	Each	
1352	190X570 PHOTO RML; SDL; 45 DEGREE ARROW DOWN	Each	
1353	580X290 PHOTO PORTRAIT HYDRANT AND ARROW DOWN	Each	
1354	190X380 PHOTO EMERGENCY EXIT ONLY - GREEN	Each	
1355	290X580 PHOTO EMERGENCY EXIT ONLY - GREEN	Each	
1356	580X290 PHOTO PORTRAIT EXTING TOP & RA/LEFT BOTTOM	Each	
1357	190X380 PHOTO KEEP CLEAR EMERGENCY EXIT ONLY - RE	Each	
1358	190X380 PHOTO SMOKE CNTRL KEEP DOORS CLOSED -M U	Each	
STANDPIPES & ACCESSORIES:			
1359	LRT G/M S/PIPE SHOE BLANK CAP	Each	
1360	65 LRTX50(F) S/PIPE SHOE G/M	Each	
1361	65 LVTX50(F) S/PIPE SHOE G/M	Each	
1362	STANDPIPE SHOE LRT ALUMINUM	Each	
1363	STANDPIPE SHOE LVT ALUMINUM	Each	
1364	POKER TOP	Each	
1365	POKER BASE	Each	
1366	90DEGREE BEND	Each	
1367	STANDPIPE HANDLE TOP	Each	
1368	STANDPIPE HANDLE BOTTOM	Each	

1369	STANDPIPE NIPPLE	Each	
1370	STANDPIPE SHOE GASKET	Each	
1371	850 LRT STANDPIPE L/A COMP	Each	
1372	1.2 LRT STANDPIPE L/A COMP	Each	
1373	1.2 LRT STANDPIPE L/A SWIVEL	Each	
1374	1.5 LRT STANDPIPE L/A COMP	Each	
1375	1.5M LRT S/PIPE - SWIVEL	Each	
1376	850 LVT STANDPIPE L/A COMP	Each	
1377	1.2 LVT STANDPIPE L/A COMP	Each	
1378	1.2 LVT SWIVEL S/PIPE	Each	
1379	1.5 LVT STANDPIPE L/A COMP	Each	
1380	1.5 LVT STANDPIPE L/A COMP SWIVEL	Each	
1381	POKER & KEY	Each	
1382	POKER ONLY	Each	
1383	KEY ONLY	Each	
	TROLLEY'S & ACCESSORIES:		
1384	CO2 TROLLEYS - SINGLE 10KG	Each	
1385	45KG TROLLEY ONLY	Each	
1386	TROLLEY ONLY FOR 25KG	Each	
1387	TROLLEY ONLY FOR 50KG	Each	
1388	DCP NOZZLE FOR 25KG TROLLEY - METAL	Each	
1389	METAL FOAM NOZZLE FOR TROLLEY	Each	
1390	DCP TROLLEY GAUGE	Each	
1391	DCP TROLLEY VALVE O RING	Each	
1392	DCP NOZZLE FOR 50KG TROLLEY-PLASTIC	Each	
1393	DCP 50 KG TROLLEY VALVE	Each	
1394	50KG TROLLEY DISCHARGE HOSE	Each	
1395	BLACK PISTOL FOAM TROLLEY NOZZ	Each	
1396	PVC COVER-50KG T/UNIT - UV RES	Each	
1397	PVC COVER-25KG T/UNIT - UV RES	Each	
1398	45KG LANCE & HOSE ASSEMBLE	Each	
1399	WHEEL FOR 25KG CIMA TROLLEY	Each	
1400	WHEEL FOR 50KG CIMA TROLLEY	Each	
1401	SPARE HANDLE FOR TROLLEY VALVES	Each	
1402	10KG CO2 TROLLEY UNIT COMPLETE STEEL ALLOY	Each	
1403	2 X 10KG CO2 TROLLEY UNIT COMP S/A EN CERT	Each	
1404	25KG DCP TROLLEY FULL 40% CIMA	Each	
1405	50KG DCP TROLLEY CIMA EMPTY	Each	
1406	50KG DCP TROLLEY FULL 40% CIMA	Each	
1407	50KG FOAM TROLLEY FULL - CIMA	Each	
1408	25KG TROLLEY SIPHON TUBE	Each	
1409	50KG TROLLEY SIPHON TUBE	Each	
	GAS SUPPRESSION		

1409	FM 200 Cylinders - per kg co 2	Each	
1410	FM 200 Cylinders - per kg HFC 227	Each	
	SERVICES		
1411	Major service of 1,5 kg to 9 kg DCP/STP extinguisher as per scope of work item 22	Each	
1412	Major Service of 1,5 kg to 9 kg CO ² extinguisher as per scope of work item 22	Each	
1413	Major Service of fire hydrants as per scope of work item 24	Each	
1414	Major Service of Hose reels as per scope of work item 23	Each	
1415	Supply of Register as per scope of work item 28	Each	
1416	Pressure testing fire extinguishers with certificates as per scope of work	Each	
1417	Monthly inspection as per scope of work	Each	
1418	Servicing of Sprinkler systems as per scope of work Part 4 item 14 - per sprikler valvue	Each	
1419	Servicing of Fire FM 200 system as per scope of work Part 4 item 19 - per zone	Each	
	LABOUR RATES		
1420	Artisan	P/H	
1421	Artisan over time	P/H	
1422	Artisan Sunday and Public Holidays	P/H	
1423	Artisan Assistant	P/H	
1424	Artisan Assistant over time	P/H	
1425	Artisan Assistant per Sunday and Public Holidays	P/H	
1426	Traveling can only be book from Newcastle CBD to the institution in that relevant District	P/Km	
	FIRST AID KITS		
1427	First Aid Steelbox Complete Reg 7	Each	
1428	First Aid Refill Reg 7	Each	
	CONSUMABLES		
1429	PTFE GERMAN DIN 12M * 12MM * 0.1MM YELLOW	Each	
1430	PTFE Q TAPE 10M *12MM * 0,75MM RED	Each	
1431	SILICONE CLEAR 270ML	Each	
	Total Rate Brought Forward	R	
	VAT @ 15%	R	
	Sub Total Budget Amount	R	

Technical Specification compiled by:

Name: *Mr V. Khumalo*

Designation: *Chief Works Manager*

Signature: *[Signature]*

Technical Specification approved by:

Name:

S.P. NXUMALO
CONTROL WORKS MANAGER

Designation: **TECHNICAL**

Signature: *[Signature]*



PA-03 (EC): NOTICE AND INVITATION FOR QUOTATION

THE DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE INVITES QUOTATIONS FOR:

Project title:	ONCE OFF YEARLY SERVICE - ALL CLIENTS: SERVICE, REPAIR AND/OR REPLACEMENT OF FIRE EQUIPMENT AT AMAJUBA DISTRICT
-----------------------	---

Quotation no:		Reference no:	19/2/3/2/3/715
Advertising date:		Closing date:	
Closing time:	11:00 am	Validity period:	84 Calendar days

1. REQUIRED CIDB GRADING

It is estimated that tenderers should have a CIDB contractor grading designation of **1 SF or higher, or 1 SF*** or higher.

**Select tender value range and select class of construction works" or select "Not applicable" where only one class of construction works is applicable.*

It is estimated that potentially emerging enterprises should have a CIDB contractor grading designation of **Not applicable Not applicable PE** or higher, or **Not applicable Not applicable PE*** or higher.

**Select tender value range and select class of construction works" or select "Not applicable" where no or only one class of construction works is applicable.*

2. FUNCTIONALITY CRITERIA APPLICABLE YES ☐ NO ☒

Note 1: Failure to meet minimum functionality score will result in the tenderer being disqualified.

Functionality criteria ¹ :	Weighting factor:
Total	100 Points

3. METHOD TO BE USED TO CALCULATE POINTS FOR SPECIFIC GOALS

¹The points allocated to each functionality criterion should not be generic but should be determined separately for each tender on a case by case basis.

Any reference to words "Bid" or Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

3. or procurement transaction with rand value greater than R2 000, 00 and up to R1 Million (Inclusive of all applicable taxes) the specific goals listed in table 1 below are applicable.

Table 1

Serial No	Specific Goals	Preference Points Allocated out of 20	Documentation to be submitted by bidders to validate their claim
1.	An EME or QSE which is at least 51% owned by black people (Mandatory)	10	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
2.	Located in a specific Local Municipality or District Municipality or Metro or Province area for work to be done or services to be rendered in that area (Mandatory)	2	<ul style="list-style-type: none"> Official Municipal Rates Statement which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> Any account or statement which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> Permission to Occupy from local chief in case of rural areas (PTO) which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> Lease Agreement which is in the name of the bidder.
3.	An EME or QSE which is at least 51% owned by black women (Mandatory)	4	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
4.	An EME or QSE which is at least 51% owned by black people with disability (Mandatory)	2	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable. <p>and</p> <ul style="list-style-type: none"> Medical Certificate indicating that the disability is permanent. <p>Or</p> <ul style="list-style-type: none"> South African Social Security Agency (SASSA) Registration indicating that the disability is permanent. <p>Or</p> <ul style="list-style-type: none"> National Council for Persons with Physical Disability in South Africa registration (NCPDPSA).
5.	An EME or QSE which is at least 51% owned by black youth (Mandatory)	2	<ul style="list-style-type: none"> ID Copy and SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.

Black people mean Africans, Coloureds and Indians, who - (a) are citizens of the Republic of South Africa by birth or descent; or (b) became citizens of the Republic of South Africa by naturalisation - (i) before 27 April 1994; or (ii) on or after 27 April 1994 and who would have been entitled to acquire citizenship by naturalisation prior to that date. (BROAD-BASED BLACK ECONOMIC EMPOWERMENT ACT No 25899, 2003 of

Any reference to words "Bid" or Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

have been entitled to acquire citizenship by naturalisation prior to that date. (BROAD-BASED BLACK ECONOMIC EMPOWERMENT ACT No 25899, 2003 of 9 JANU/ 004).

4. RESPONSIVENESS CRITERIA

4.1. Indicate substantive responsiveness criteria applicable for this tender. Failure to comply with the criteria stated hereunder shall result in the tender offer being disqualified from further consideration:

1	<input checked="" type="checkbox"/>	Only those tenderers who satisfy the eligibility criteria stated in the Tender Data may submit tenders.
2	<input checked="" type="checkbox"/>	Tender offer must be properly received on the tender closing date and time specified on the invitation, completed either electronically (if issued in electronic format), or by writing legibly in non-erasable ink. (All as per Standard Conditions of Tender).
3	<input checked="" type="checkbox"/>	Use of correction fluid is prohibited.
4	<input checked="" type="checkbox"/>	Submission of a signed bid offer as per the DPW-07 (EC). <i>JS</i>
5	<input checked="" type="checkbox"/>	Submission of DPW-09 (EC): Particulars of Tenderer's Projects. <i>JS</i>
6	<input type="checkbox"/>	Bidders must comply with DPW-21 (EC): Record of Addenda to tender documents, if any.
7	<input type="checkbox"/>	Submission of DPW-16 signed by the authorised official and completion of bid briefing attendance register. insert motivation why the tender clarification meeting is declared compulsory
8	<input checked="" type="checkbox"/>	The tenderer shall submit his fully priced Bills of Quantities / Lump Sum Document (complete document inclusive of all parts) together with his tender. <i>JS</i>
9	<input type="checkbox"/>	The tenderer shall submit his fully priced and completed sectional summary- and final summary pages with the tender.
10	<input checked="" type="checkbox"/>	Submission of PA32 - Invitation to bid.
11	<input checked="" type="checkbox"/>	Bidding companies must provide proof that their employed technicians or artisans are authorized Gas Practitioners, registered with SAQCC for gas and fire. A valid copy of the SAQCC registration card must be submitted with the quotation for evaluation. Failure to comply may result in disqualification.
12	<input checked="" type="checkbox"/>	The Department reserves the right not to appoint if a bidder has been awarded 2 or more contracts of similar nature within the NDPWI in the last six months, for equity & fair distribution of work amongst service providers.
13	<input checked="" type="checkbox"/>	Bidder must submit 3 references, by means of Appointment letter along with its Completion Certificate, of similar services rendered during the last three years.
14	<input type="checkbox"/>	Specify other responsiveness criteria
15	<input type="checkbox"/>	Specify other responsiveness criteria

4.2. Indicate administrative responsiveness requirements applicable for this tender.

The Employer reserves the right to request further information regarding the undermentioned criteria. Failing to submit further clarification and/or documentation within seven (7) calendar days from request will disqualify the tender offer from further consideration.

1	<input checked="" type="checkbox"/>	Any correction to be initialled by the person authorised to sign the tender documentation as per PA 15.1 or PA 15.2 resolution of board/s of directors / or PA15.3 Special Resolution of Consortia or JV's.
2	<input checked="" type="checkbox"/>	Submission of applicable (PA-15.1, PA-15.2, PA-15.3): Resolution by the legal entity, or consortium / joint venture, authorising a dedicated person(s) to sign documents on behalf of the firm / consortium / joint venture.
3	<input checked="" type="checkbox"/>	All parts of tender documents submitted must be fully completed in ink and signed where required.
4	<input checked="" type="checkbox"/>	Submission of (PA-11): Bidder's disclosure
5	<input type="checkbox"/>	Submission of PA-16.1 (EC): Ownership Particulars
6	<input type="checkbox"/>	Submission of documentation relating to risk assessment criteria as contained in C 2.1 of DPW-03 Tender Data.
7	<input checked="" type="checkbox"/>	Submission of (PA 40): Declaration of Designated Groups.
8	<input checked="" type="checkbox"/>	Submission of proof of Registration on National Treasury's Central Supplier Database (CSD). Insert the Supplier Registration Number on the form of offer, including proposed sub-contractors if any
9	<input type="checkbox"/>	Data provided by the tenderer in Part 2 of DPW-04 Contract Data (JBCC 2018) or DPW-05 Contract Data (GCC 2015) whichever applicable to be fully completed.
10	<input type="checkbox"/>	The tenderer shall submit his fully priced Bills of Quantities (complete document inclusive of all parts) within 14 calendar days from request.
11	<input type="checkbox"/>	Upon request, submission of fingerprints obtainable from local SAPS including any other additional documentation and information required for vetting purposes.
12	<input type="checkbox"/>	Upon request, submission of a fully completed security clearance application form with supporting documentation and information as required. The security clearance form will be provided by the Employer for projects requiring a security clearance.
13	<input checked="" type="checkbox"/>	Contractor to submit valid letter of good standing with Workman's Compensation. (COIDA) Certificate SANS 1475 certification; (Company Registration) SANS hydro - test station certificate (If subcontracting the Certificate must also be attached by the Tenderer)
14	<input type="checkbox"/>	Specify other responsiveness criteria
15	<input type="checkbox"/>	Specify other responsiveness criteria
16	<input type="checkbox"/>	Specify other responsiveness criteria
17	<input type="checkbox"/>	Specify other responsiveness criteria
18	<input type="checkbox"/>	Specify other responsiveness criteria

4.3. Indicate administrative requirements applicable for specific goals, Tenderers will not be required to submit the below documents if not provided in the original tender proposals, Failure to comply with the criteria stated hereunder shall result in the tenderer not allocated points for specific goals

1	<input checked="" type="checkbox"/>	Submission of (PA-16): Preference Points Claim Form in terms of the Preferential Procurement Regulations 2022
2	<input checked="" type="checkbox"/>	A trust, consortium or joint venture (including unincorporated consortia and joint ventures) must submit a consolidated B-BBEE Certificate issued by a SANAS accredited service provider

5. THE FOLLOWING EVALUATION METHOD FOR RESPONSIVE BIDS WILL BE APPLICABLE:

<input type="checkbox"/> Method 1 (Financial offer)	<input checked="" type="checkbox"/> Method 2 (Financial and Preference offer)
---	---

5.1. This bid will be evaluated according to the 80/20 Preference points scoring system:

6. ELIGIBILITY IN RESPECT OF RISK TO THE EMPLOYER:

Standard risk management assessment criteria in respect of tenders received for routine projects in the engineering and construction works environments:

Tender offers will be evaluated by an Evaluation Committee based on the technical and commercial risk criteria listed hereunder. Each criterion carries the same weight / importance and will be evaluated individually based on reports presented to the Bid Evaluation Committee by the Professional Team appointed on the project. A tender offer will be declared non-responsive and removed from any further evaluation if any one criterion is found to present an unacceptable risk to the Employer.

In order for the evaluation reports to be prepared by the Professional Team, the Tenderer is obliged to provide comprehensive information on form DPW-09 (EC). Failure to complete the said form will cause the tender to be declared non-responsive and removed from any further consideration. The Employer reserves the right to request additional information over and above that which is provided by the Tenderer on said form. The information must be provided by the Tenderer within the stipulated time as determined by the Bid Evaluation Committee, failing which the tender offer will *mutatis mutandis* be declared non-responsive.

6.1 Technical risks:

Criterion 1: Experience on comparable projects during the past specify between 5 and 10 years.

The tendering Service Provider's experience on comparable projects during the past specify between 5 and 10 years. The number of current and previous comparable projects performed by the Tenderer as per the evaluation report prepared by the Consultant Team, based on its research and inspection of a representative sample of the Tenderer's current and previous work as reflected on form DPW-09 (EC), as well as, if necessary, of any additional work executed by the Tenderer, not reflected on form DPW-09 (EC). Failing to provide contactable references will result in the tender offer will be *mutatis mutandis* declared non-responsive.

Aspects to be regarded as "comparable" includes (but may be extended according to circumstances): size of projects (measured against monetary value or other project quantifying parameters), nature of projects (building, engineering, high/low rise, etc.), locality/area of execution (site-specific influences, knowledge of local conditions, etc.), complexity of project, projects for similar client department irrespective of end purpose of buildings/facilities created or in progress of being created and time scales of projects (normal, fast track, etc.) and stage of its/their development.

Criterion 2: Contractual commitment and quality of performance on comparable projects during the past specify between 5 and 10 years.

Adherence to contractual commitments and quality of performance of comparable current and previous projects performed by the Tenderer during the past specify between 5 and 10 years as per the evaluation report prepared by the Consultant Team, based on its research and inspection of a representative sample of the Tenderer's current and previous work as reflected on form DPW-09 (EC), as well as, if necessary, of any additional work executed by the Tenderer.

Aspects to be considered include, but are not limited to the following:

1. The level of progress on current projects in relation to the project programme or, if such is not available/applicable, to the contractual construction period in general;

2. The degree to which previous projects have been completed within the contractual completion periods and/or extensions thereto, and the extend of penalties imposed;
3. Project performance: time management & programming of works, timeous ordering of materials and appointment of subcontractors;
4. Financial management: payment to suppliers and cash flow problems;
5. Quality of workmanship: extent of reworks and timeous attention to remedial works;
6. Personnel resources: suitably qualified and experienced, turnover in site staff and labour force, specifically site manager and foreman;
7. Personnel management: extent of labour disputes and ability to resolving labour disputes amicably;
8. Sub-contractors: extent of turnover in subcontractors, general liaison and payment problems experienced;
9. Contract administration: contractual aspects such as complying to laws and regulations, insurances, security, submission of required documentation timeously, reaction to written contract instructions, appointments of subcontractors, etc. as can generally be expected in standard/normal conditions of contract.
10. Health & Safety: adherence to regulations and compliance, and number of transgressions & serious incidents.
11. Plant & equipment: sufficient resources on site and in time.
12. Delays: extent of causing delays, submission of claims timeously, and abuse of or exaggerated delay claims.
13. Final account: extent to which the contractor assisted in finalising the final account.

Criterion 3: Suitably qualified and appropriately experienced human resources

Allocation of suitably qualified and appropriately experienced human resources, both in respect of principals and/or other staff (contract manager, site agent, site foreman including other professional, technical and/or administrative) of the tendering Service Provider to the project, as proof that the tendering Service Provider will be able to react/respond appropriately to the Services required herein. The Company Organogram with CV's and certified ID's of all principals and employed workforce as well as proof of Professional Registration will be verified. Current and future workload of the tenderer in relation to capacity and capability will also be considered. The tenderer should demonstrate that he or she possesses the necessary professional and technical qualifications and -competence in relation to the scope of work and work to be undertaken.

Criterion 4: Attendance of compulsory bid clarification meeting, if applicable

If applicable, submission of confirmation of DPW-16.1 (PSB) attendance of compulsory bid clarification meeting or proof of attending the compulsory virtual meeting by a suitably qualified and experienced representative of the tenderer in terms of PA-04 (EC): Notice and Invitation to Tender.

6.2 Commercial risks:

The financial viability assessment evaluates the risk over the life of the construction period, as to whether the tenderer will be able to deliver the goods and services which are specified in the contract and / or be able to fulfil guarantees or warranties provided for in the contract in order to complete the project successfully for the amount tendered.

Aspects to be considered include but are not limited to, the respective rates tendered, bank rating, financial capability and capacity whether the tenderer has or has access to sufficient financial resources to deliver the goods or services described in the tender documentation (including fulfilling any guarantees or warranty claims), whether the tenderer is not subject to any current or impending legal action (either formal proceedings or notification of legal action) which could impact on the financial standing of the tenderer or the delivery of the goods or services, financial report from auditors as proof of current liquidity, and company or any parent company or investor guarantee/s and financial statements.

7. COLLECTION OF QUOTATION DOCUMENTS

☐ Quotation documents are available for collection during working hours

☐ Alternatively; quotation documents may be collected during working hours at the following address **insert physical address**. A non-refundable bid deposit of **R insert amount** payable (cash only) on collection of the bid documents.

8. SITE INSPECTION MEETING

Compulsory briefing session will be held in respect of this quotation.

The particulars for compulsory briefing session or virtual briefing session are:

Venue:	(type in here the place or "N/A")		
Virtual meeting Link:	(type in here the place or "N/A")		
Date:	(type in here the date or "N/A")	Starting time:	(type in here the time or "N/A")

9. ENQUIRIES

9.1. Technical enquiries may be addressed to:

DPWI Project Manager	Mr Vama Khumalo	Telephone no:	031 314 7067
Cellular phone no	067 416 7424	Fax no:	
E-mail	vama.khumalo@dpw.gov.za		

9.2. SCM enquiries may be addressed to:

SCM Official		Telephone no:	
Cellular phone no		Fax no:	
E-mail			

10. DEPOSIT / RETURN OF QUOTATION DOCUMENTS

Telegraphic, telephonic, telex, facsimile, electronic and / or late tenders will not be accepted.

Requirements for sealing, addressing, delivery, opening and assessment of tenders are stated in the Tender Data.

All tenders must be completed in non-erasable ink and submitted on the official forms – (forms not to be re-typed).

Tender documents may be posted to: The Director-General Department of Public Works and Infrastructure Private Bag X i54315 Durban 4000 Attention: Procurement section: Room 5	OR	Deposited in the tender box at: Corner of Dr Pixley Ka Seme & Samora Machel Street NDPWI(DURBAN) Corner of Dr Pixley Ka Seme & Samora Machel Street ROOM 05 BOX16
---	-----------	--



ANNEXURE TO PA-03 (GS):

NOTICE AND INVITATION FOR QUOTATION

Project title:	ONCE OFF SERVICE FOR THE YEAR 2024/2025 - SERVICE, REPAIR AND/OR REPLACEMENT OF FIRE EQUIPMENT AT AMAJUBA DISTRICT
Reference no:	19/2/3/2/3/715

Quotation No:			
Advertising date:	/ /2024	Closing date:	/ /2024
Closing time:	11:00AM	Validity period:	84 Days

BIDDERS TO TAKE NOTE OF THE FOLLOWING

- Contractor must comply with OHS Act no. 85 of 1993 with Regulation.
- Contractor must be in good standing with Workman's Compensation. (COIDA)
- SANS 1475 Certificate; (Company Registration)
- SANS Hydro – Testing Station Certificate (If subcontracting, the Certificate must also be attached by the Tenderer)
- Certificate of competency of assigned technician and /or Artisans to the site (Personal SAQCC ID Card
- Qualified personnel for the site with at least one or more Certified Technician with a driver's license. (attach the SAQCC Registration & Driver's License cards copies)
- Submission of Safety Plan which is to be approved by the Client (NDPWI) before commencement of work onsite.



Annexure A to PA-03

- Bidders must submit a certificate/written proof of fire extinguisher purchase or servicing from a registered and accredited supplier. In-house servicing requires proof of accreditation, registration, and technician certification from a recognized body, and compliance with relevant standards. This will be a condition for payment to be processed.
- Successful bidders must submit a Certificate of Service and Warranty upon completion. All serviced equipment on-site must display company stickers indicating the service provider, the date of service, and the next scheduled service date. Bidders must also submit a report of all fire equipment on site and the state it's in. Non-compliance with this requirement may affect future engagements

PA-11: 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 interest (1) 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.

Any reference to words "Bid" or Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

- 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.
- 3.5 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.
- 3.6 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.

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.

- 3.7 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

This form has been aligned with SBD4

PA-15.1: RESOLUTION OF BOARD OF DIRECTORS

RESOLUTION of a meeting of the Board of *Directors / Members / Partners of:

(Legally correct full name and registration number, if applicable, of the Enterprise)

Held at _____ (place)

on _____ (date)

RESOLVED that:

- The Enterprise submits a Bid / Tender to the Department of Public Works in respect of the following project:

(Project description as per Bid / Tender Document)

Bid / Tender Number: _____ (Bid / Tender Number as per Bid / Tender Document)

- *Mr/Mrs/Ms: _____

in *his/her Capacity as: _____ (Position in the Enterprise)

and who will sign as follows: _____

be, and is hereby, authorised to sign the Bid / Tender, and any and all other documents and/or correspondence in connection with and relating to the Bid / Tender, as well as to sign any Contract, and any and all documentation, resulting from the award of the Bid / Tender to the Enterprise mentioned above.

	Name	Capacity	Signature
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

17			
18			
19			
20			

The bidding enterprise hereby absolves the Department of Public Works from any liability whatsoever that may arise as a result of this document being signed.

Note:

1. * Delete which is not applicable.
2. **NB:** This resolution must, where possible, be signed by *all* the Directors / Members / Partners of the Bidding Enterprise.
3. In the event that paragraph 2 cannot be complied with, the resolution must be signed by Directors / Members / Partners holding a majority of the shares / ownership of the Bidding Enterprise (attach proof of shareholding / ownership hereto).
4. Directors / Members / Partners of the Bidding Enterprise may alternatively appoint a person to sign this document on behalf of the Bidding Enterprise, which person must be so authorized by way of a duly completed power of attorney, signed by the Directors / Members / Partners holding a majority of the shares / ownership of the Bidding Enterprise (proof of shareholding / ownership and power of attorney are to be attached hereto).
5. Should the number of Directors / Members / Partners exceed the space available above, additional names and signatures must be supplied on a separate page.

ENTERPRISE STAMP

PA-15.2: RESOLUTION OF BOARD OF DIRECTORS TO ENTER INTO CONSORTIA OR JOINT VENTURES

RESOLUTION of a meeting of the Board of *Directors / Members / Partners of:

(Legally correct full name and registration number, if applicable, of the Enterprise)

Held at _____ (place)

on _____ (date)

RESOLVED that:

1. The Enterprise submits a Bid /Tender, in consortium/Joint Venture with the following Enterprises:

(List all the legally correct full names and registration numbers, if applicable, of the Enterprises forming the Consortium/Joint Venture)

to the Department of Public Works in respect of the following project:

(Project description as per Bid /Tender Document)

Bid / Tender Number: _____ (Bid / Tender Number as per Bid / Tender Document)

2. *Mr/Mrs/Ms: _____
in *his/her Capacity as: _____ (Position in the Enterprise)

and who will sign as follows: _____

be, and is hereby, authorised to sign a consortium/joint venture agreement with the parties listed under item 1 above, and any and all other documents and/or correspondence in connection with and relating to the consortium/joint venture, in respect of the project described under item 1 above.

3. The Enterprise accepts joint and several liability with the parties listed under item 1 above for the due fulfilment of the obligations of the joint venture deriving from, and in any way connected with, the Contract to be entered into with the Department in respect of the project described under item 1 above.
4. The Enterprise chooses as its *domicilium citandi et executandi* for all purposes arising from this joint venture agreement and the Contract with the Department in respect of the project under item 1 above:

Physical address: _____

_____ (code)



Postal Address: _____

_____ (code)

Telephone number: _____

Fax number: _____

	Name	Capacity	Signature
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

The bidding enterprise hereby absolves the Department of Public Works from any liability whatsoever that may arise as a result of this document being signed

Note:

- * Delete which is not applicable.
- NB:** This resolution must, where possible, be signed by *all* the Directors / Members / Partners of the Bidding Enterprise.
- In the event that paragraph 2 cannot be complied with, the resolution must be signed by Directors / Members / Partners holding a majority of the shares / ownership of the Bidding Enterprise (attach proof of shareholding / ownership hereto).
- Directors / Members / Partners of the Bidding Enterprise may alternatively appoint a person to sign this document on behalf of the Bidding Enterprise, which person must be so authorized by way of a duly completed power of attorney, signed by the Directors / Members / Partners holding a majority of the shares / ownership of the Bidding Enterprise (proof of shareholding / ownership and power of attorney are to be attached hereto).
- Should the number of Directors / Members / Partners exceed the space available above, additional names and signatures must be supplied on a separate page.

ENTERPRISE STAMP

Any reference to words "Bid" or Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

For external use

Effective date 20 September 2021

Page 2 of 2
Version: 2021/01

PA-15.3: SPECIAL RESOLUTION OF CONSORTIA OR JOINT VENTURES

RESOLUTION of a meeting of the duly authorised representatives of the following legal entities who have entered into a consortium/joint venture to jointly bid for the project mentioned below: *(legally correct full names and registration numbers, if applicable, of the Enterprises forming a Consortium/Joint Venture)*

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

Held at _____ (place)

on _____ (date)

RESOLVED that:

RESOLVED that:

- A. The above-mentioned Enterprises submit a Bid in Consortium/Joint Venture to the Department of Public Works in respect of the following project:

(Project description as per Bid /Tender Document)

Bid / Tender Number: _____ *(Bid / Tender Number as per Bid /Tender Document)*

PA-15.3: Special Resolution of Consortia or Joint Ventures

- B. *Mr/Mrs/Ms: _____
in *his/her Capacity as: _____ (Position in the Enterprise)
and who will sign as follows: _____
be, and is hereby, authorised to sign the Bid, and any and all other documents and/or correspondence in connection with and relating to the Bid, as well as to sign any Contract, and any and all documentation, resulting from the award of the Bid to the Enterprises in Consortium/Joint Venture mentioned above.
- C. The Enterprises constituting the Consortium/Joint Venture, notwithstanding its composition, shall conduct all business under the name and style of:

- D. The Enterprises to the Consortium/Joint Venture accept joint and several liability for the due fulfilment of the obligations of the Consortium/Joint Venture deriving from, and in any way connected with, the Contract entered into with the Department in respect of the project described under item A above.
- E. Any of the Enterprises to the Consortium/Joint Venture intending to terminate the consortium/joint venture agreement, for whatever reason, shall give the Department 30 days written notice of such intention. Notwithstanding such decision to terminate, the Enterprises shall remain jointly and severally liable to the Department for the due fulfilment of the obligations of the Consortium/Joint Venture as mentioned under item D above.
- F. No Enterprise to the Consortium/Joint Venture shall, without the prior written consent of the other Enterprises to the Consortium/Joint Venture and of the Department, cede any of its rights or assign any of its obligations under the consortium/joint venture agreement in relation to the Contract with the Department referred to herein.
- G. The Enterprises choose as the *domicilium citandi et executandi* of the Consortium/Joint Venture for all purposes arising from the consortium/joint venture agreement and the Contract with the Department in respect of the project under item A above:

Physical address: _____

_____ (Postal code) _____

Postal Address: _____

_____ (Postal code) _____

Telephone number: _____

Fax number: _____

PA-15.3: Special Resolution of Consortia or Joint Ventures

	Name	Capacity	Signature
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

The bidding enterprise hereby absolves the Department of Public Works & Infrastructure from any liability whatsoever that may arise as a result of this document being signed.

Note:

1. * Delete which is not applicable.
2. **NB:** This resolution must be signed by all the Duly Authorised Representatives of the Legal Entities to the consortium/joint venture submitting this tender, as named in item 2 of Resolution PA-15.2.
3. Should the number of the Duly Authorised Representatives of the Legal Entities joining forces in this tender exceed the space available above, additional names, capacity and signatures must be supplied on a separate page.
4. Resolution PA-15.2, duly completed and signed, from the separate Enterprises who participate in this consortium/joint venture, must be attached to this Special Resolution (PA-15.3).

Any reference to words "Bid" or Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

For external use

Effective date 20 September 2021

Page 3 of 3
Version: 1.3

PA-16: 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 **Preference Points System to be applied**

(tick whichever is applicable).

- ☒ The applicable preference point system for this tender is the **80/20** preference point system.
- ☐ The applicable preference point system for this tender is the **90/10** preference point system.
- ☐ 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 shall be awarded for:**

1.3.1 **Price; and**

1.3.2 **Specific Goals**

1.4 **The maximum points for this tender are allocated as follows:**

CHOOSE APPLICABLE PREFERENCE POINT SCORING SYSTEM	<input checked="" type="checkbox"/> 80/20	<input type="checkbox"/> 90/10
PRICE	80	90
SPECIFIC GOALS	20	10
Total points for Price and Specific Goals	100	100

1.5 Breakdown Allocation of Specific Goals Points



1.5.1. For procurement transaction with rand value greater than R2 000, 00 and up to R1 Million (Inclusive of all applicable taxes) the specific goals listed in table 1 below are applicable.

Table 1

Serial No	Specific Goals	Preference Points Allocated out of 20	Documentation to be submitted by bidders to validate their claim
1.	An EME or QSE which is at least 51% owned by black people (Mandatory)	10	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
2.	Located in a specific Local Municipality or District Municipality or Metro or Province area for work to be done or services to be rendered in that area (Mandatory)	2	<ul style="list-style-type: none"> Official Municipal Rates Statement which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> Any account or statement which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> Permission to Occupy from local chief in case of rural areas (PTO) which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> Lease Agreement which is in the name of the bidder.
3.	An EME or QSE which is at least 51% owned by black women (Mandatory)	4	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
4.	An EME or QSE which is at least 51% owned by black people with disability (Mandatory)	2	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.

			<p>and</p> <ul style="list-style-type: none"> • Medical Certificate indicating that the disability is permanent. <p>Or</p> <ul style="list-style-type: none"> • South African Social Security Agency (SASSA) Registration indicating that the disability is permanent. <p>Or</p> <ul style="list-style-type: none"> • National Council for Persons with Physical Disability in South Africa registration (NCPDSA).
5.	An EME or QSE which is at least 51% owned by black youth (Mandatory)	2	<ul style="list-style-type: none"> • ID Copy and SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.



1.5.2. For procurement transaction with rand value greater than R1 Million and up to R50 Million (Inclusive of all applicable taxes) the specific goals listed in table 2 below are applicable.

Table 2

Serial No	Specific Goals	Preference Points Allocated out of 20	Documentation to be submitted by bidders to validate their claim
1.	An EME or QSE or any entity which is at least 51% owned by black people (Mandatory)	10	<ul style="list-style-type: none"> • SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
2.	Located in a specific Local Municipality or District Municipality or Metro or Province area for work to be done or services to be rendered in that area (Mandatory)	2	<ul style="list-style-type: none"> • Official Municipal Rates Statement which is in the name of the bidder. <p>Or</p>

			<ul style="list-style-type: none"> Any account or statement which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> Permission to Occupy from local chief in case of rural areas (PTO) which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> Lease Agreement which is in the name of the bidder.
3.	An EME or QSE or any entity which is at least 51% owned by black women (Mandatory)	4	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
4.	An EME or QSE or any entity which is at least 51% owned by black people with disability (Mandatory)	2	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable. <p>and</p> <ul style="list-style-type: none"> Medical Certificate indicating that the disability is permanent. <p>Or</p> <ul style="list-style-type: none"> South African Social Security Agency (SASSA) Registration indicating that the disability is permanent. <p>Or</p> <p>National Council for Persons with Physical Disability in South Africa registration (NCPDSA).</p>

5.	An EME or QSE or any entity which is at least 51% owned by black youth (Mandatory)	2	<ul style="list-style-type: none">ID Copy and SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
----	--	---	---

1.5.3. For procurement transaction with rand value greater than R50 Million (Inclusive of all applicable taxes) the specific goals listed in table 3 below are applicable.

NB. The use of one of goal numbers' 4 or 5 is mandatory. The BSC must select either one of the two, but not both.

Table 3

Serial No	Specific Goals	Preference Points Allocated out of 10	Documentation to be submitted by bidders to validate their claim
1.	An EME or QSE or any entity which is at least 51% owned by black people (Mandatory)	4	<ul style="list-style-type: none">SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
2.	Located in a specific Local Municipality or District Municipality or Metro or Province area for work to be done or services to be rendered in that area (Mandatory)	2	<ul style="list-style-type: none">Official Municipal Rates Statement which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none">Any account or statement which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none">Permission to Occupy from local chief in case of rural areas (PTO) which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none">Lease Agreement which is in the name of the bidder.
3.	An EME or QSE or any entity which is at least 51%	2	<ul style="list-style-type: none">SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.

		owned by black women (mandatory)		
	4. <input type="checkbox"/>	An EME or QSE or any entity which is at least 51% owned by black people with disability (Mandatory)	2	<ul style="list-style-type: none"> • SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable. <p>and</p> <ul style="list-style-type: none"> • Medical Certificate indicating that the disability is permanent. <p>Or</p> <ul style="list-style-type: none"> • South African Social Security Agency (SASSA) Registration indicating that the disability is permanent. <p>Or</p> <p>National Council for Persons with Physical Disability in South Africa registration (NCPDPSA).</p>
	OR			
	5. <input type="checkbox"/>	An EME or QSE or any entity which is at least 51% owned by black youth (Mandatory)	2	<ul style="list-style-type: none"> • ID Copy and SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable

Black people mean Africans, Coloureds and Indians, who - (a) are citizens of the Republic of South Africa by birth or descent; or (b) became citizens of the Republic of South Africa by naturalisation - (i) before 27 April 1994; or (ii) on or after 27 April 1994 and who would have been entitled to acquire citizenship by naturalisation prior to that date. (BROAD-BASED BLACK ECONOMIC EMPOWERMENT ACT No 25899, 2003 of 9 JANUARY 2004).

- 1.6 Failure on the part of the tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals, if the service provider/ tenderer did not submit proof or documentation required to claim for specific goals will be interpreted to mean that preference points for specific goals are not claimed.
- 1.7 The organ of state reserves the right to require of a service provider/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:

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

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:

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

Where

- Ps = Points scored for price of tender under consideration
- Pt = Price of tender under consideration
- Pmax = 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 1,2 and 3 above 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 4: 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)
1. An EME or QSE (or any entity for procurement transaction with rand value greater than R1 Million) which is at least 51% owned by black people	4	10		
2. Located in a specific Local Municipality or District Municipality or Metro or	2	2		

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)
Province area for work to be done or services to be rendered in that area				
3. An EME or QSE (or any entity for procurement transaction with rand value greater than R1 Million) which is at least 51% owned by black women	2	4		
4. An EME or QSE (or any entity for procurement transaction with rand value greater than R1 Million) which is at least 51% owned by black people with disability	2	2		
5. An EME or QSE (or any entity for procurement transaction with rand value greater than R1 Million) which is at least 51% owned by black youth.*	2	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:

PA- 40: DECLARATION OF DESIGNATED GROUPS

Tender no:

Name of Tenderer ☐ EME¹ ☐ QSE² ☐ Non EME/QSE (tick applicable box)

1. LIST ALL PROPRIETORS, MEMBERS OR SHAREHOLDERS BY NAME, IDENTITY NUMBER, CITIZENSHIP AND DESIGNATED GROUPS.

Name and Surname #	Identity/ Passport number and Citizenship##	Percentage owned	Black	Indicate if youth	Indicate if woman	Indicate if person with disability	Indicate if living in Rural (R) / Under Developed Area (UD) / Township (T) / Urban (U).	Indicate if military veteran
1.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
11.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
12.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No

Where Owners are themselves a Company, Close Corporation, Partnership etc, identify the ownership of the Holding Company, together with Registration number
State date of South African citizenship obtained (not applicable to persons born in South Africa)

¹ EME: Exempted Micro Enterprise

² QSE: Qualifying Small Business Enterprise

PA- 40: DECLARATION OF DESIGNATED GROUPS

Tender no:

2. DECLARATION:

The undersigned, who warrants that he/she is duly authorized to do so on behalf of the Tenderer, hereby confirms that:

- 1 The information and particulars contained in this Affidavit are true and correct in all respects;
- 2 The Broad-based Black Economic Empowerment Act, 2003 (Act 53 of 2003), Preferential Procurement Policy Framework Act, 2000 (Act 5 of 2000), National Small Business Act 102 of 1996 as amended and all documents pertaining to this Tender were studied and understood and that the above form was completed according to the definitions and information contained in said documents;
- 3 The Tenderer understands that any intentional misrepresentation or fraudulent information provided herein shall disqualify the Tenderer's offer herein, as well as any other tender offer(s) of the Tenderer simultaneously being evaluated, or will entitle the Employer to cancel any Contract resulting from the Tenderer's offer herein;
- 4 The Tenderer accepts that the Employer may exercise any other remedy it may have in law and in the Contract, including a claim for damages for having to accept a less favourable tender as a result of any such disqualification due to misrepresentation or fraudulent information provided herein;
- 5 Any further documentary proof required by the Employer regarding the information provided herein, will be submitted to the Employer within the time period as may be set by the latter;

Signed by the Tenderer

Name of representative	Signature	Date



FACILITIES MANAGEMENT

CONDITIONS OF CONTRACT (DPW)

SEPT. 2005 VERSION 1