



**AIRPORTS COMPANY SOUTH AFRICA SOC LIMITED**

**PROJECT NAME AND NUMBER: MAINTENANCE AND REPAIRS OF ACCESS CONTROL ASSETS**

**TITLE OF PROJECT: MAINTENANCE AND REPAIRS OF ACCESS CONTROL ASSETS**

**NEC 3: TERM SERVICE CONTRACT (TSC)**

**Between AIRPORTS COMPANY SOUTH AFRICA SOC LIMITED**

**Applicable at King Shaka International Airport**

(Registration Number : 1993/004149/30)

and :

(Registration Number : )

for **MAINTENANCE AND REPAIRS OF ACCESS CONTROL ASSETS  
(SLIDING AND ROLLER DOORS) AT KSIA**

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# C1.1 Forms of Offer and Acceptance

**Offer**

The employer, identified in the acceptance signature block, wishes to enter into a contract for the

**MAINTENANCE AND REPAIRS OF ACCESS CONTROL ASSETS (SLIDING AND ROLLER DOORS)**

The Contractor, identified in the offer signature block, has examined this document and addenda hereto as listed in the schedules, and by submitting this offer has accepted the conditions thereof.

By the representative of the Contractor, deemed to be duly authorised, signing this part of this form of offer and acceptance, the Contractor offers to perform all the obligations and liabilities of the Contractor under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the Conditions of Contract identified in the Contract Data.

<b>The offered total of the Prices exclusive of VAT is</b>	<b>R</b>
<b>Value Added Tax @ 15% is</b>	<b>R</b>
<b>The total offered amount due inclusive of VAT is</b>	<b>R</b>
(in words)	

*(The above amount should be calculated as per the guide provided in the Pricing Data [Subtotal E]. In the event of any conflict between the amount above and the Pricing Data [Subtotal E], the former shall prevail.)*

**for the Contractor**

Signature ..... Date .....  
 Name ..... Capacity .....

(Name and address of organisation)

.....  
 Name and signature of witness ..... signature .....

This offer may be accepted by the employer by signing the acceptance part of this form of offer and acceptance and returning one copy of this document to the Bidder before the end of the period of validity stated in the tender data, whereupon the Bidder becomes the party named as the Contractor in the conditions of contract identified in the contract data.

**Acceptance**

By signing this part of this form of offer and acceptance, the employer identified below accepts the Contractor's offer. In consideration thereof, the employer shall pay the Contractor the amount due in accordance with the conditions of contract identified in the contract data. Acceptance of the Contractor's offer shall form an agreement between the employer and the Contractor upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

The terms of the contract, are contained in:

- Part C1: Agreements and contract data, (which includes this agreement)
  - Part C2: Pricing data and Price List
  - Part C3: Service information.
  - Part C4: Site information
- and schedules, drawings and documents or parts thereof where so indicated.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the tender schedules as well as any changes to the terms of the offer agreed by the Bidder and the employer during this process of offer and acceptance, are contained in the schedule of deviations attached to and forming part of this agreement. No amendments to or deviations from said documents are valid unless contained in this schedule.

The Contractor shall within two weeks after receiving a completed copy of this agreement, including the schedule of deviations (if any), contact the employer's agent (whose details are given in the contract data) to arrange the delivery of any bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of contract identified in the contract data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the Bidder receives one fully completed original copy of this document, including the schedule of deviations (if any). Unless the Bidder (now Contractor) within five working days of the date of such receipt notifies the employer in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the parties.

**for the Employer**

Signature ..... Date .....

Name ..... Capacity .....

**Airports Company South Africa,  
King Shaka Dr  
King Shaka International Airport  
La Mercy  
4407**

Name of witness ..... signature .....



## C1.2 Contract Data

### **Precedence in interpretation of the contract:**

In the event of any ambiguity, inconsistency or conflict between the General Conditions of Contract, Special Conditions, Pricing Data, Service information, or other, the order of precedence shall be as follows:

Firstly, the Service information (C3) and Annexes thereto shall prevail;

Secondly the Contract Data (C1.2) and Conditions of Contract;

Thirdly the General Conditions of Contract;

Fourthly the Pricing data;

Lastly any schedules, drawings and other documents included with this agreement.

### **General Conditions of Contract**

The General Conditions of Contract comprise the NEC3 Term Service Contract, April 2013, published by the NEC, and the following "Particular Conditions", which include amendments and additions to such General Conditions.

The following Particular Conditions amplify the General Conditions of Contract and highlight areas in that document that require specific attention.

**Wherein in the contract it is stated no contract data is required accordingly the *conditions of contract* remain unaltered as per NEC3 Term Service Contract, April 2013.**

## C1.2a - Data provided by the *Employer*

Clause	Statement	Data
1	<b>General</b>	
	The <i>conditions of contract</i> are the core clauses and the clauses for main Option:	
	dispute resolution Option:	<b>A: Priced contract with price list</b>
	and secondary Options:	<b>W1: Dispute resolution procedure</b>
		<b>X2: Changes in the law</b>
		<b>X17: Low service damages</b>
		<b>X18: Limitation of Liability (as amended in Option Z)</b>
		<b>X19: Task Order</b>
		<b>X 20: Key Performance Indicators</b>
		<b>Z: Additional conditions of contract</b>
	of the NEC3 Term Service Contract (April 2013)	
10.1	The <i>Employer</i> is:	<b>Airports Company South Africa SOC Limited (ACSA), Registration No 1993/004149/30, VAT no 4930138393, a juristic person incorporated in terms of the company laws of the Republic of South Africa</b>
	Address	<b>King Shaka International Airport P O Box 57701 King Shaka International Airport 4407</b>
	Tel No.	
10.1	The <i>Service Manager</i> is:	<b>Sihle Zuma</b>
	Address	<b>King Shaka Drive, La Mercy, 4407</b>
	Tel No.	
	e-mail	
11.2(2)	The <i>Affected Property</i> is	<b>King Shaka International Airport</b>

11.2(13)	The <i>service</i> is	<b>The Maintenance and Repairs of Lifts and escalators, as more fully set out in section C3 Service Information.</b>
11.2(14)	The following matters will be included in the Risk Register	<b>1Risk of financial loss and/or injury of 3<sup>rd</sup> parties due to the proximity of the service (or of persons providing the service) to all airport users</b>  <b>2Risk of injury to contract personnel and all airport users due to lifting/moving of heavy objects</b>  <b>3Work in confined spaces</b>
11.2(15)	The <i>Service Information</i> is in	<b>Part C3: Employer's Service Information and all documents and drawings and other specifications to which it makes reference</b>
12.2	The <i>law of the contract</i> is the law of	<b>the Republic of South Africa</b>
13.1	The <i>language of this contract</i> is	<b>English</b>
13.3	The <i>period for reply</i> is	<b>7 days</b>
<b>2</b>	<b>The Contractor's main responsibilities</b>	<b>Detailed in Part C3 (Service Information)</b>
21.1	The <i>Contractor</i> submits a first plan for acceptance within	<b>4 weeks of the Contract Date</b>
<b>3</b>	<b>Time</b>	
30.1	The <i>starting date</i> is	
30.2	The <i>Service Period</i> is	<b>36 months or when the amount in the Form of Offer has been expended, whichever occurs first</b>
30.2	The end date is	
<b>4</b>	<b>Testing and Defects</b>	<b>No data is required for this section of the conditions of contract</b>
<b>5</b>	<b>Payment</b>	
50.1	The <i>assessment interval</i> is on the	<b>between the 1<sup>st</sup> and 15<sup>th</sup> day of each successive month.</b>
51.1	The <i>currency of this contract</i> is the	<b>South African Rand (ZAR)</b>
51.2	The period within which payments are made is TC	<b>30 days</b>

51.4	The <i>interest rate</i> is	(19)0.00 percent above the publicly quoted prime rate of interest charged by Nedbank Bank for amounts due in Rands and  (ii) the LABOR rate applicable at the time for amounts due in other currencies
6	Compensation events	No data is required for this section of the <i>conditions of contract</i> .
7	Use of Equipment Plant and Materials	No data is required for this section of the <i>conditions of contract</i> .
8	Risks and insurance	
83.1	The <i>Employer</i> provides these insurances from the Insurance Table	(i) Insurance against loss of or damage to the <i>services</i> , Plant and Materials comprising Contract Works Insurance, SASRIA Special Risks Insurance and Marine & Air Cargo insurance; and  (ii) Insurance (Public Liability Insurance) against liability for loss or damage to property (except the <i>services</i> , Plant and Materials and Equipment) and liability for bodily injury to or death of a person (not an employee of the <i>Contractor</i> ) caused by activity in connection with the contract;  Note: The terms and other matters applicable to these insurances provided by the Employer (and to insurances generally) are detailed in the insurance schedule attached as section C1.5 to the <i>contract</i> ("the Insurance Schedule").
83.1	The <i>Contractor</i> provides these additional insurances	Professional Indemnity Insurance  Note: The terms and other matters applicable to this insurance provided by the Employer are likewise detailed in section C1.5 to the <i>contract</i> .
83.2	The minimum amounts of cover or minimum limits of indemnity required for the insurance table	Refer to section C1.5 Insurance Schedule
83.1	The <i>Employer</i> provides these insurances from the Insurance Table	Refer to section C1.5 Insurance Schedule
83.1	The <i>Employer</i> provides these additional insurances	Refer to section C1.5 Insurance Schedule
83.1	The minimum amount of cover for insurance against loss and damage caused by the <i>Contractor</i> to the <i>Employer's</i> property is	Refer to section C1.5 Insurance Schedule

83.1	The minimum amount of cover for loss of or damage to Plant and Materials provided by the <i>Employer</i> is:	<b>Refer to section C1.5 Insurance Schedule</b>
83.1	The minimum amount of cover for insurance in respect of loss of or damage to property (except the <i>Employer's</i> property, Plant and Materials and Equipment) and liability for bodily injury to or death of a person (not an employee of the <i>Contractor</i> ) arising from or in connection with the <i>Contractor's</i> Providing the Service for any one event is:	<b>Refer to section C1.5 Insurance Schedule</b>
83.1	The minimum limit of indemnity for insurance in respect of death of or bodily injury to employees of the <i>Contractor</i> arising out of and in the course of their employment in connection with this contract for any one event is:	<b>As prescribed by the Compensation for Occupational Injuries and Diseases Act No. 130 of 1993 and the <i>Contractor's</i> common law liability for people falling outside the scope of the Act with a limit of Indemnity of not less than R [•] ([•] Rands)</b>

## 9 Termination

Both parties have right to terminate.

The Party wishing to terminate initiates procedure by notifying the SM and giving his reasons. If SM is satisfied that the Party giving the notice has provided reasons which are valid under the Contract, the SM issues a termination certificate.

## 10 Data for main Option clause

### A Priced contract with price list

20.5	The <i>Contractor</i> prepares forecasts of the final total of the Prices for the whole of the <i>service</i> at intervals no longer than	<b>4 weeks.</b>
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## 11 Data for Option W1

W1.1 The *Adjudicator* is

The person appointed jointly by the parties from the list of adjudicators contained below

Name	Location	Contact details (phone & e mail)
Adv. Ghandi Badela	Gauteng	+27 11 282 3700 <a href="mailto:ghandi@badela.co.za">ghandi@badela.co.za</a>
Mr. Errol Tate Pr. Eng.	Durban	+27 11 262 4001 <a href="mailto:Errol.tate@mweb.co.za">Errol.tate@mweb.co.za</a>
Adv. Saleem Ebrahim	Gauteng	+27 11 535-1800 <a href="mailto:salimebrahim@mweb.co.za">salimebrahim@mweb.co.za</a>

Mr. Sebe Msutwana Pr. Eng.	Gauteng	+27 11 442 8555 <a href="mailto:sebe@civilprojects.co.za">sebe@civilprojects.co.za</a>
Mr. Sam Amod	Gauteng	<a href="mailto:sam@samamod.com">sam@samamod.com</a>
Adv. Sias Ryneke SC	Gauteng	083 653 2281 <a href="mailto:ryneke@duma.nokwe.co.za">ryneke@duma.nokwe.co.za</a>
Mr. Emeka Ogbugo (Quantity Surveyor)	Pretoria	+27 12 349 2027 <a href="mailto:emeka@gosiame.co.za">emeka@gosiame.co.za</a>

W1.2(3)	The <i>Adjudicator nominating body</i> is:	<b>the Chairman of ICE-SA a joint Division of the South African Institution of Civil Engineering and the Institution of Civil Engineers (London) (see <a href="http://www.ice-sa.org.za">www.ice-sa.org.za</a>) or its successor body</b>
W1.4(2)	The <i>tribunal</i> is:	<b>arbitration</b>
W1.4(5)	The <i>arbitration procedure</i> is	<b>the latest edition of Rules for the Conduct of Arbitrations published by The Association of Arbitrators (Southern Africa) or its successor body</b>
	The place where arbitration is to be held is	<b>Johannesburg, South Africa</b>
	The person or organization who will choose an arbitrator	<b>the Chairman for the time being or his nominee of the Association of Arbitrators (Southern Africa) or its successor body</b>

## 12 Data for secondary Option

<b>X2</b>	<b>Changes in the law</b>	<b>No data is required for this secondary Option</b>
<b>X17</b>	<b>Low service damages</b>	<b>As per the Service Information (C3)</b>
X17.1	The <i>service level table</i> is in	<b>The Service Information, <b>Annex B</b>: The Service Level Agreement</b>

## X18 Limitation of liability

X18.1	The <i>Contractor's</i> liability to the <i>Employer</i> for indirect or consequential loss is limited to	<b>Nil – Neither Party is liable to the other for any consequential or indirect loss, including but not limited to loss of profit, loss of income or loss of revenue</b>
X18.2	For any one event, the <i>Contractor's</i> liability to the <i>Employer</i> for loss of or damage to the <i>Employer's</i> property is limited to	<b>The total of the Prices</b>
X18.3	The <i>Contractor's</i> liability for Defects due to his design of an item of Equipment is limited to	<b>The total of the Prices</b>
X18.4	The <i>Contractor's</i> total liability to the <i>Employer</i> , for all matters arising under	<b>The Contractor's total direct liability to the Employer for all matters arising under or in connection with this contract, other than the</b>

or in connection with this contract, other than the excluded matters, is limited to

**excluded matters, is limited to the total of the Prices and applies in contract, tort or delict and otherwise to the extent allowed under the law of the contract.**

**The excluded matters are amounts payable by the Contractor as stated in this contract for:**

- **Loss of or damage to the Employer's property,**
  - **Defects liability,**
  - **Insurance liability to the extent of the Contractor's risks**
  - **death of or injury to a person;**
- infringement of an intellectual property right**

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X18.5	The <i>end of liability date</i> is	<b>52 weeks after the end of the service period.</b>
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**X19 Task Order**

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X19.5	The <i>Contractor</i> submits a Task Order programme to the <i>Service Manager</i> within	<b>3 days of receiving the Task Order</b>
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## Z(A): The Additional conditions of contract are: Z1-Z19

### Amendments to the Core Clauses

#### Z1 Interpretation of the law

**Z1.1 Add to core clause 12.3:** Any extension, concession, waiver, non-enforcement of any terms of the contract or relaxation of any action stated in this contract by the Parties, the *Service Manager*, the, or the *Adjudicator* does not constitute a waiver of rights, and does not give rise to an estoppel unless the Parties agree otherwise and confirm such agreement in writing.

#### Z2 Providing the Service: Delete core clause 20.1 and replace with the following:

**Z2.1** The *Contractor* provides the *service* in accordance with the *Service Information* and warrants that the results of the *service*, when complete, shall be fit for their intended purpose.

#### Z3. Other responsibilities: add the following at the end of core clause 27:

**Z3.1** The *Contractor* shall have satisfied himself, prior to the *starting date*, as to the completeness, sufficiency and accuracy of all information and drawings provided to him as at the *starting date* .

**Z3.2** The *Contractor* shall be responsible for the correct setting out or carrying out of the *service* in accordance with the original points, lines and levels stated in the *Service Information* or notified by the *Service Manager*. Any errors in the setting or carrying out of the *service* shall be rectified by the *Contractor* at the *Contractor's* own costs.

#### Z4. Termination

**Z4.1 Add the following to core clause 91.1, at the second main bullet, fourth sub-bullet point, after the words "assets or":** "business rescue proceedings are initiated or steps are taken to initiate business rescue proceedings".

#### Z5. Ambiguities and inconsistencies: Delete core clause 17 and replace with the following:

**Z5.1** If there is any ambiguity or inconsistency in or between the documents which are part of this contract, the priority of the documents is in accordance with the following sequence:

- The additional conditions of contract under these Z clauses
- The conditions of contract and
- The other documents.

**Z5.2** The *Service Manager* or the *Contractor* notifies the other as soon as either becomes aware of any such ambiguity or inconsistency in or between the documents which are part of this contract. The *Service Manager* gives an instruction resolving the ambiguity or inconsistency. Notwithstanding any other provision of this contract, any such ambiguity, inconsistency and/or instruction does not automatically result in any increase to the *Price List* or any delay to the end of the *service period*.

#### Z6. Payment: Add the following at the end of core clause 51:

**51.5** The *Employer* does not pay interest to the *Contractor* on a late payment resulting from the *Contractor's* failure to provide the *Employer* with a correctly rendered VAT invoice within the period stated in clause 51.1 above.

- 51.5** The Employer is entitled to deduct from or set off against any money due to the Contractor
- any sum due to the Employer from the Contractor or
  - any amount for which the Contractor is liable to pay to the Employer (whether liquidated or otherwise) arising under this contract.

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#### Amendment to the Secondary Option Clauses

**Z7. Changes in Law: Add the following clause to secondary option X2 as X2.2:**

**Z7.1** A change in law is defined as:

**Z7.1.1** the adoption, enactment, promulgation, coming into effect, repeal, amendment, reinterpretation, change in application or other modification after the starting date of any law, excluding (i) the promulgation of any bill, unless such bill is enacted into the *law of the country*, and (ii) any such modification in law relating to any taxes, charges, imposts, duties, levies or deductions that are assessed in relation to a person's income;

**Z7.1.2** any permit being terminated, withdrawn, amended, modified or replaced, other than (i) in accordance with the terms upon which it was originally granted, (ii) as a result of the failure by the *Contractor* to comply with any condition set out therein, or (iii) as a result of any act or omission of the *Contractor*, any Subcontractor or any affiliate to the *Contractor*.

**Z8. Performance Bond: The following amendments are made to clause X13:**

**Z8.1. Amend the first sentence of clause X13.1 to read as follows:** The *Contractor* gives the *Employer* an unconditional, on-demand performance bond, provided by a bank or insurer which the *Service Manager* has accepted in his or her discretion, for the amount stated in the Contract Data and in the form set out in [Section C1.4](#) of this Contract Data.

**Z8.2. Add the following new clause as Option X13.2:** The *Contractor ensures* that the performance bond is valid and enforceable until the end of the *service period*. If the terms of the performance bond specify its expiry date and the end of the *service period* does not coincide with such expiry date, four weeks prior to the said expiry date, the *Contractor extends* the validity of the performance bond until the end of the *service period*. If the *Contractor fails* to so extend the validity of the performance bond, the *Employer may claim* the full amount of the performance bond and retain the proceeds as cash security

**Z9. Limitation of liability: Insert the following new clause as Option X18.6:**

**Z8.1** The *Employer's liability* to the *Contractor* for the *Contractor's* indirect or consequential loss or damage of any kind is limited to R0.00.

**Z8.2** Notwithstanding any other clause in this contract, any proceeds received from any insurances or any proceeds which would have been received from any insurances but for the conduct of the *Contractor* shall be excluded from the calculation of the limitations of liability listed in the contract.

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#### Additional Z Clauses

**Z10. Cession, delegation and assignment**

**Z10.1.** The *Contractor shall not cede, delegate or assign* any of its rights or obligations to any person without the written consent of the *Employer*, which consent shall not be unreasonably withheld. This clause shall be binding on the liquidator/business rescue practitioner /trustee (whether provisional or final) of the *Contractor*.

**Z10.2.** The *Employer* may, on written notice to the *Contractor*, cede and delegate its rights and obligations under this contract to any person or entity.

**Z11. Joint and several liability**

**Z11.1.** If the *Contractor* constitutes a joint venture, consortium or other unincorporated grouping of two or more persons, these persons are deemed to be jointly and severally liable to the *Employer* for the performance of this Contract.

**Z11.2.** The *Contractor* shall, within 1 week of the starting date, notify the *Service Manager* and the *Employer* of the key person who has the authority to bind the *Contractor* on its behalf.

**Z11.3.** The *Contractor* does not materially alter the composition of the joint venture, consortium or other unincorporated grouping of two or more persons without prior written consent of the *Employer*.

**Z12. Ethics**

**Z12.1.** The *Contractor* undertakes:

**Z12.1.1.** not to give any offer, payment, consideration, or benefit of any kind, which constitutes or could be construed as an illegal or corrupt practice, either directly or indirectly, as an inducement or reward for the award or in execution of this contract;

**Z12.1.2.** to comply with all laws, regulations or policies relating to the prevention and combating of bribery, corruption and money laundering to which it or the *Employer* is subject, including but not limited to the Prevention and Combating of Corrupt Activities Act, 12 of 2004.

**Z12.2.** The *Contractor's* breach of this clause constitutes grounds for terminating the *Contractor's* obligation to provide the service in accordance with the procedures stated P2, P3 or P4 in core clause 92.2 or taking any other action as appropriate against the *Contractor* (including civil or criminal action). However, lawful inducements and rewards shall not constitute grounds for termination.

**Z12.3.** If the *Contractor* is found guilty by a competent court, administrative or regulatory body of participating in illegal or corrupt practices, including but not limited to the making of offers (directly or indirectly), payments, gifts, gratuities, commission or benefits of any kind, which are in any way whatsoever in connection with the contract with the *Employer*, the *Employer* shall be entitled to terminate the contract in accordance with the procedures stated in core clause 92.2, the amount due on termination is A1.

**Z13. Confidentiality**

**Z13.1.** All information obtained in terms of this contract or arising from the implementation of this contract shall be treated as confidential by the *Contractor* and shall not be used or divulged or published to any person not being a party to this contract, without the prior written consent of the *Service Manager*, whose consent shall not be unreasonably withheld.

**Z13.2.** If the *Contractor* is uncertain about whether any such information is confidential, it is to be regarded as such until otherwise notified by the *Service Manager*.

**Z13.3.** This undertaking shall not apply to –

**Z13.3.1.** information disclosed to the employees of the *Contractor* for the purposes of the implementation of this contract. The *Contractor* undertakes to ensure that its employees are aware of the confidential nature of the information so disclosed and that they comply with the provisions of this clause;

**Z13.3.2.** information which the *Contractor* is required by law to disclose, provided that the *Contractor* notifies the *Employer* prior to disclosure so as to enable the *Employer* to take the appropriate action to protect such information. The *Contractor* may disclose such information only to the extent required by law and shall use reasonable efforts to obtain assurances that confidential treatment will be afforded to the information so disclosed;

- Z13.3.3.** information which at the time of disclosure or thereafter, without default on the part of the *Contractor*, enters the public domain or to information which was already in the possession of the *Contractor* at the time of disclosure (evidenced by written records in existence at that time);
- Z13.4.** The taking of images (whether photographs, video footage or otherwise) of the *services or Affected Property* or any portion thereof, in the course of providing the *services* or at the end of the service period requires the prior written consent of the *Service Manager*. All rights in and to all such images vests exclusively in the *Employer*.
- Z13.5.** The *Contractor* ensures that all his Subcontractors abide by the undertakings in this clause.
- Z14. Employer's Step-in rights**
- Z14.1.** If the *Contractor* defaults by failing to comply with its obligations in terms of this contract and fails to remedy such default within 4 weeks of the notification of the default by the *Service Manager*, the *Employer*, without prejudice to its other rights, powers and remedies under the contract, or at law may remedy the default either, itself or procure a third party (including any subcontractor or supplier of the *Contractor*) to do so on its behalf. The reasonable costs of the Employer exercising its step-in rights in respect of any subcontractor or supplier of the *Contractor* shall be borne by the *Contractor*.
- Z14.2.** The *Contractor* co-operates with the *Employer* and facilitates and permits the use of all required information, materials and other matter (including but not limited to documents and all other drawings, CAD materials, data, software, models, plans, designs, programs, diagrams, evaluations, materials, specifications, schedules, reports, calculations, manuals or other documents or recorded information (electronic or otherwise) which have been or are at any time prepared by or on behalf of the *Contractor* under the contract or otherwise for and/or in connection with the *works*) and generally does all things required by the *Service Manager* to achieve this end.
- Z15. Liens and Encumbrances**
- Z15.1.** The *Contractor* keeps the Equipment used to provide the *service* free of all liens and other encumbrances at all times. The *Contractor*, vis-a-vis the *Employer*, waives all and any liens which he may from time to time have, or become entitled to over such Equipment and any part thereof and ensures that his Subcontractors similarly, vis-a-vis the *Employer*, waive all liens they may have or become entitled to over such Equipment from time to time
- Z16. Intellectual Property**
- Z15.1** Intellectual Property ("IP") rights means all rights in and to any patent, design, copyright, trade mark, trade name, trade secret, other intellectual or industrial property rights, technical information and concepts, know-how, specifications, data, formulae, computer programs, memoranda, scripts, reports, manuals, diagrams, drawings, prototypes, drafts and any rights to them created during the performance of the service and include applications for and rights to obtain or use any such intellectual property whether under South African or foreign law.
- Z15.2** IP rights remain vested in the originator and shall not be used for any reason whatsoever other than carrying out the *service*.
- Z15.3** The *Contractor* gives the *Employer* an irrevocable, transferrable, non-exclusive, royalty free licence to use and copy all IP related to the *service* for the purposes of constructing, repairing, demolishing, operating and maintaining the *service or the Affected Property*.
- Z15.4** The written approval of the *Contractor* is to be obtained before the *Contractor's* IP made available to any third party which approval will not be unreasonably withheld or delayed. Prior to making any *Contractor's* IP available to any third party the *Employer* shall obtain a written confidentiality

undertaking from any such third party on terms no less onerous than the terms the *Employer* would use to protect its IP.

- Z15.5** The *Contractor* shall indemnify and hold the *Employer* harmless against and from any claim alleging an infringement of IP rights (“**the claim**”), which arises out of or in relation to:
- Z15.5.1** the *Contractor’s* service;
- Z15.5.2** the use of the *Contractor’s* Equipment, or
- Z15.5.3** the proper use of the *Affected Property* on which the service is provided.
- Z15.6** The *Employer* shall, at the request and cost of the *Contractor*, assist in contesting the claim and the *Contractor* may (at its cost) conduct negotiations for the settlement of the claim, and any litigation or arbitration which may arise from it.
- Z17. Dispute resolution: The following amendments are made to Option W1:**
- Z16.1 Under clause W1.3, in the fourth row of the first column of the adjudication table, the following words are added after the words “any other matter”:** “excluding disputes relating to termination of the contract”.
- Z16.2 The following clauses are added at the end of clause W1.3 as sub-clauses (12) and (13) respectively:**
- Z16.2.1** “The Adjudicator shall decide the dispute solely on the written submissions of the parties. No oral submissions shall be heard during adjudication.”
- Z16.2.2** “Disputes relating to or arising from termination of the Contract shall not be determined by an adjudicator. Any such dispute shall be referred directly to the tribunal in accordance with the procedures set out in clause W1.4.”
- Z17 Day:**
- Z17.1** Any reference to a day in terms of this contract shall be construed as a calendar day.
- Z18 Safety**
- Z18.1** The *Employer*, *Service Manager* or any of his nominated representatives may stop any unsafe *service*. The *Contractor* does not proceed with the relevant service until the safety violation is corrected. This instruction to stop or not to start the *service* is not a compensation event.
- Z18.2** As stipulated by section 37(2) of the Occupational Health and Safety Act No. 85 of 1993 (**OHS Act**) as amended the *Contractor* agrees to the following:
- Z18.2.1** As part of the contract the *Contractor* acknowledges that it is an *Employer* in its own right with duties as prescribed in the OHS Act, as amended and agrees to ensure that all work performed, or equipment and materials used, are in accordance with the provisions of the OHS Act.
- Z18.2.2** The *Contractor* furthermore agrees to comply with the requirements set forth by the *Service Manager* and agree to liaise with the *Employer* should the *Contractor*, for whatever reason, be unable to perform in terms of the clause Z18.

**Z18.3** The *Contractor* acknowledges that it is an *Employer* in its own right and is registered with duties as prescribed in the Compensation for Occupational Injuries & Diseases Act No. 130 of 1993.

**C1.2 b – DATA PROVIDED BY THE CONTRACTOR**

Clause	Statement	Data
10.1	The Contractor is (Name):	
	Company Registration Number	
	Company VAT Number	
	Address	
	Telephone no.	
	Fax No.	
11.2	The <i>working areas</i> are	See C3 'Service Information'
24.1	The <i>Contractor's Key people</i> are:	<b>CV's to be appended to Resource Proposal (Annex F)</b>
<b>1</b>	<b>ARTISAN</b>	
	Name:	
	Qualifications relevant to this contract	
	Experience	
<b>2</b>	<b>TECHNICAL ASSISTANT</b>	
	Name:	
	Qualifications relevant to this contract	

Experience

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- |      |                                                             |                                                                                                                                                       |
|------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11.2 | The following matters will be included in the Risk Register | 1. Risk of financial loss and/or injury of 3rd parties due to the proximity of the service (or of persons providing the service) to all airport users |
|      |                                                             | 2. Risk of injury to contract personnel and all airport users due to lifting/moving of heavy objects<br>Work in confined spaces                       |
-

# C1.3 Occupational Health and Safety Agreement

## OCCUPATIONAL HEALTH AND SAFETY AGREEMENT

**AGREEMENT IN TERMS OF SECTION 37(2) OF THE OCCUPATIONAL HEALTH & SAFETY ACT (ACT 85 Of 1993) & CONSTRUCTION REGULATION 5.1(k)**

### **OBJECTIVES**

To assist Airport Company South Africa (ACSA) in order to comply with the requirements of:

1. The Occupational Health & Safety (Act 85 of 1993) and its regulations and
2. The Compensation for Occupational Injuries & Diseases Act (Act 130 of 1993) also known as the (COID Act).

**To this end an Agreement must be concluded before any contractor/ subcontracted work may commence**

**The parties to this Agreement are:**

<b>Name of Organization:</b> AIRPORTS COMPANY SOUTH AFRICA KING SHAKA INTERNATIONAL AIRPORT
<b>Physical Address:</b> Airport Company South Africa King Shaka International Airport King Shaka Drive La Mercy

**Hereinafter referred to as “Client”**

<b>Name of organisation:</b>
<b>Physical Address:</b>

**Hereinafter referred to as “the Mandatary/ Principal Contractor”**

**MANDATORY’S MAIN SCOPE OF WORK**

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**GENERAL INFORMATION FORMING PART OF THIS AGREEMENT**

1. The Occupational Health & Safety Act comprises of SECTION 1-50 and all unrepealed REGULATIONS promulgated in terms of the former Machinery and Occupational Safety Act No.6 of 1983 as amended as well as other REGULATIONS which may be promulgated in terms of the Act and other relevant Acts pertaining to the job in hand.
2. “Mandatory” is defined as including as agent, a principal contractor or a contractor for work, but WITHOUT DEROGATING FROM HIS/HER STATUS IN HIS/HER RIGHT AS AN EMPLOYER or user of the plant
3. Section 37 of the Occupational Health & Safety Act potentially punishes Employers (PRINCIPAL CONTRACTOR) for unlawful acts or omissions of Mandatories (CONTRACTORS) save where a Written Agreement between the parties has been concluded containing arrangements and procedures to ensure compliance with the said Act BY THE MANDATARY.
4. All documents attached or refer to in the above Agreement form an integral part of the Agreement.
5. To perform in terms of this agreement Mandatories must be familiar and conversant with the relevant provisions of the Occupational Health & Safety Act 85 of 1993 (OHS Act) and applicable Regulations.
6. Mandatories who utilise the services of their own Mandatories (contractors) must conclude a similar Written Agreement with them.
7. Be advised that this Agreement places the onus on the Mandatory to contact the CLIENT in the event of inability to perform as per this Agreement.
8. This Agreement shall be binding for all work the Mandatory undertakes for the client.
9. All documentation according to the Safety checklist including a copy of the written Construction Manager appointment in terms of construction regulation 8, must be submitted 7 days before work commences.

**THE UNDERTAKING**

The Mandatory undertakes to comply with:

**INSURANCE**

1. The Mandatory warrants that all their employees and/or their contractor’s employees if any are

covered in terms of the COID Act, which shall remain in force whilst any such employees are present on the Client's premises. A letter is required prior commencing any work on site confirming that the Principal contractor or contractor is in good standing with the Compensation Fund or Licensed Insurer.

2. The Mandatary warrants that they are in possession of the following insurance cover, which cover shall remain in force whilst they and /or their employees are present on the Client's premises, or which shall remain in force for that duration of their contractual relationship with the Client, whichever period is the longest.
  - a. Public Liability Insurance Cover as required by the Subcontract Agreement.
  - b. Any other Insurance cover that will adequately makes provision for any possible losses and/or claims arising from their and /or their Subcontractors and/or their respective employee's acts and/or omissions on the Client's premises.

<b>COMPLIANCE WITH THE OCCUPATIONAL HEALTH &amp; SAFETY ACT 85 OF 1993</b>
--------------------------------------------------------------------------------

The Mandatary undertakes to ensure that they and/or their subcontractors if any and/or their respective employees will at all times comply with the following conditions:

1. All work performed by the Mandatary on the Client's premises must be performed under the close supervision of the Mandatary's employees who are to be trained to understand the hazards associated with any work that the Mandatary performs on the Client's premises.
2. The Mandatary shall be assigned the responsibility in terms of Section 16(1) of the OHS Act 85 of 1993, if the Mandatary assigns any duty in terms of Section 16(2), a copy of such written assignment shall immediately be forwarded to the Client.
3. The Mandatary shall ensure that he/she familiarise himself/herself with the requirements of the OHS Act 85 of 1993 and that s/he and his/her employees and any of his subcontractors comply with the requirements.
4. The Mandatary shall ensure that a baseline risk assessment is performed by a competent person before commencement of any work in the Client's premises. A baseline risk assessment document will include identification of hazards and risk, analysis and evaluation of the risks and hazards identified, a documented plan and safe work procedures to mitigate, reduce or control the risks identified, and a monitoring and review plan of the risks and hazards.
5. The Mandatary shall appoint competent persons who shall be trained on any Occupational Health & Safety aspect pertaining to them or to the work that is to be performed.
6. The Mandatary shall ensure that discipline regarding Occupational Health & Safety shall be strictly enforced.
7. Any personal protective equipment required shall be issued by the Mandatary to his/her

employees and shall be worn at all times.

8. Written safe working practices/procedures and precautionary measures shall be made available and enforced and all employees shall be made conversant with the contents of these practises.
9. No unsafe equipment/machinery and/or articles shall be used by the Mandatary or contractor on the Client's premises.
10. All incidents/accidents referred to in OHSAct shall be reported by the Mandatary to the Provincial Director: Department of Labour as well as to the Client.
11. No use shall be made by the Mandatary and/or their employees and or their subcontractors of any of the Client's machinery/article/substance/plant/personal protective equipment without prior written approval.
12. The Mandatary shall ensure that work for which the issuing of permit is required shall not be performed prior to the obtaining of a duly completed approved permit.
13. The Mandatary shall ensure that no alcohol or any other intoxicating substance shall be allowed on the Client's premises. Anyone suspected to be under the influence of alcohol or any other intoxicating substance shall not be allowed on the premises. Anyone found on the premises suspected to be under the influence of alcohol or any other intoxicating substance shall be escorted off the said premises immediately.
14. Full participation by the Mandatary shall be given to the employees of the Client if and when they inquire into Occupational Health & Safety.

#### **FURTHER UNDERTAKING**

1. Only a duly authorised representative appointed in terms of Section 16.2 of the OHS Act is eligible to sign this agreement on behalf of the Mandatary. The signing power of this representative must be designated in writing by the Chief Executive Officer of the Mandatary. A copy of this letter must be made available to the Client.
2. The Mandatary confirms that he has been informed that he must report to the Client's management, in writing anything he/she deems to be unhealthy and /or unsafe. He has versed his employees in this regard.
3. The Mandatary warrants that he/she shall not endanger the health & safety of the Client's employees and other persons in any way whilst performing work on the Client's premises.
4. The Mandatary understands that no work may commence on the Client's premises until this procedure is duly completed, signed and received by the Client.
5. Non-compliance with any of the above clauses may lead to an immediate cancellation of the contract.

**ACCEPTANCE BY MANDATARY**

In terms of section 37(2) of the Occupational Health & Safety Act 85 of 1993 and section 5.1(k) of the Construction Regulations 2014,

I .....a duly authorised 16.2 Appointee acting for and on behalf of .....(company name) undertake to ensure that the requirements and the provision of the OHS Act 85 of 1993 and its regulations are complied with.

Mandatory – WCA/ Federated Employers Mutual No.....

Expiry date .....

\_\_\_\_\_  
**SIGNATURE ON BEHALF OF MANDATARY**  
(Warrant his authority to sign)

\_\_\_\_\_  
**DATE**

\_\_\_\_\_  
**SIGNATURE ON BEHALF OF THE CLIENT**  
**AIRPORT COMPANY SOUTH AFRICA**

\_\_\_\_\_  
**DATE**

## C1.4 Forms of Securities

No performance bond or parent company guarantee is required in this contract

## C1.5 Insurance Schedule

### **Summary of Terms and other Matters Applicable to Employer Provided Insurance**

#### **Part 1:**

##### Notes to Schedule:

- The provision of insurance by the *Employer* does not limit the obligations, liabilities or responsibilities of the *Contractor* under this contract in any way whatsoever (including but not limited to any requirement for the provision by the *Contractor* of any other insurances).
- Unless specifically otherwise stated, capitalised terms in this schedule (other than *Employer*, *Contractor* and *works* where written in italics) have the meaning assigned to them in the relevant policy of insurance.
- This Insurance Schedule is a generic term sheet generally applicable to the Employer's projects. In the circumstances:
  - If this Insurance Schedule reflects the amount of any cover provided by the *Employer* to be higher than the amount required in the Contract Data, the *Employer's* obligation under this Contract is limited to the lower amount; and
  - If this Insurance Schedule provides for any cover which is not stated to be provided by the *Employer* in the Contract Data, the *Employer's* obligation under this Contract is limited to the cover stated in the Contract Data.
- [The terms governing the Employer provided policies of insurance are the terms detailed in the policies themselves. This schedule is merely a summary of the key terms. It is the responsibility of the tenderer to obtain copies of the policies and satisfy itself of the actual terms as required by the tenderer.]

#### **Part 2:**

##### **ACSA Maintenance Contracts Insurance Clause. Insurance Affected by the Employer.**

Notwithstanding anything elsewhere contained in the Contract and without limiting the obligations liabilities or responsibilities of the Contractor in any way whatsoever (including but not limited to any requirement for the provision by the Contractor of any other insurances) the Employer shall effect and maintain as appropriate in the joint names of the Employer , Contractors and Sub-Contractors, Consultants and Sub-Consultants the following insurances which are subject to the terms, limits, exceptions and conditions of the Policy:

- a) **PUBLIC LIABILITY Insurance** – which will provide indemnity against the insured parties legal liability in the event of accidental death of or injury to third party persons and/or accidental loss of or damage to third party property arising directly from the execution of the contract with a limit of indemnity of **R 100 million** in respect of all claims arising from any one occurrence or series of occurrences consequent on or attributable to one source or original cause. The policy will be subject to a Deductible of **R25 000** for Property Damage claims only but **R250 000** where Loss or Damage involves Aircraft.
  - (i) The Employer shall pay any premium due in connection with the insurance affected by the Employer.
  - (ii) The Contractor shall not include any premium charges for this insurance except to the extent that he may deem necessary in his own interests to effect supplementary insurance to the insurance effected by the Employer. The Employer reserves the

right to call for full information regarding insurance costs included by the Contractor.

- (iii) Any further clarification of the scope of cover provided by the Policies arranged by the Employer should be obtained from the Employer.
- (iv) In the event of any occurrence which is likely to or could give rise to a claim under the insurances arranged by the Employer the Contractor shall:
  - (A) in addition to any statutory requirement or other requirements contained in the Contract immediately notify the Employer's Insurance Broker or the Insurers by telephone or telefax giving the circumstances nature and an estimate of the loss or damage or liability
  - (B) complete a Claims Advice Form available from the Insurance Brokers to whom the form must be returned without delay.
  - (C) negotiate the settlement of claims with the Insurers through the Employer's Insurance Brokers and shall when required to do so obtain the Employer's approval of such settlement.

The Employer and Insurers shall have the right to make all and any enquiries to the site of the Works or elsewhere as to the cause and results of any such occurrence and the Contractor shall co-operate in the carrying out of such enquiries.

- (v) The Contractor will be liable for the amount of the Deductible (First Amount Payable in respect of any claim made by or against the Contractor or Sub-Contractors under the insurances effected by the Employer.  
Where more than one Contractor is involved in the same claim the Deductible will be borne in pro-rata amounts by each Contractor in proportion to the extent of each Contractor's admitted claim.
- (vi) Any amount which becomes payable to the Contractor or any of his Sub-Contractors as a result of a claim under the Contact Works Insurance shall if required by the Employer be paid net of the Deductible to the Employer who shall pay the Contractor from the proceeds of such payment upon rectification repair or reinstatement of the loss or damage but this provision shall not in any way affect the Contractor's obligations liabilities or responsibilities in terms of the Contract.  
In respect of any amount which becomes payable as a result of a claim under any Public Liability Insurance the Contractor or his Sub-Contractors shall be required to pay the amount of the Deductible to the Insurer to facilitate settlement of such claim.

### **Insurance Affected by the Contractor.**

Without in any way detracting from any requirements contained elsewhere in this contract the Contractor and Sub-Contractors shall where applicable, provide as a minimum the following:

- (a) INSURANCE OF CONTRACTORS EQUIPMENT (including tools offices and other temporary structures and contents) and other things (except those intended for incorporation into the Works) brought onto the Site for a sum sufficient to provide for their replacement.
- (b) Insurance in terms of the provisions of the Compensation for Occupational Injuries and Diseases Act No. 130 of 1993 as may be amended or in terms of any similar Workers Compensation and Unemployment Insurance enactment's in the Suppliers' or Sub Supplier's operational, manufacturing or assembly locations.
- (c) Motor Vehicle Liability Insurance comprising (as a minimum) "Balance of Third Party" Risks including Passenger Liability indemnity.
- (d) Public Liability Insurance for an amount sufficient to cover the Contractors obligations in terms of the Deductible of **R25 000** or **R250 000** as stated above.
  - i. The insurances to be provided by the Contractor and his Sub-Contractors shall:

- (A) be affected with Insurers and on terms approved by the Employer.
  - (B) be maintained in force for whatever period the perils to be insured by the Contractor are at risk (including any defects liability period during which the Contractor is responsible for the care of the Works)
  - (C) submit to the Employer the relevant Policy or Policies of Insurance or evidence acceptable to the Employer that such insurances have been affected.
- ii. In the event that the Contractor or his Sub-Contractor receives any notice of cancellation or restrictive modification to the insurance provided to them they shall immediately notify the Employer in writing of such cancellation or restriction and shall advise what action the Contractor or his Sub-Contractor will take to remedy such action.
- If the Contractor fails to effect and keep in force the insurances referred to then the Employer may effect and keep in force any such insurances and pay such premium or premiums as may be necessary for that purpose and from time to time deduct the amount paid by the Employer from any monies due or which may become due to the Contractor or recover same as a debt from the Contractor.

#### **Sub-Contractors**

The Contractor shall:

- a) ensure that all potential and appointed Sub-Contractors are aware of the whole contents of this clause, and
- b) enforce the compliance by Sub-Contractors with this clause where applicable.”

## C2.1 Pricing assumptions: Option A

### The conditions of contract

### How work is priced and assessed for payment

Clause 11 in NEC3 Term Service Contract, April 2013 (TSC3) core clauses and Option A states:

Identified and defined terms 11  
11.2

(12) The Price List is the *price list* unless later changed in accordance with this contract.

(17) The Price for Services Provided to Date is the total of

the Price for each lump sum item in the Price List which the *Contractor* has completed and where a quantity is stated for an item in the Price List, an amount calculated by multiplying the quantity which the *Contractor* has completed by the rate.

(19) The Prices are the amounts stated in the Price column of the Price List. Where a quantity is stated for an item in the Price List, the Price is calculated by multiplying the quantity by the rate.

This confirms that Option A is a priced contract where the Prices are derived from a list of items of service which can be priced as lump sums or as expected quantities of service multiplied by a rate or a mix of both. Where it is contemplated that the Price List represents the type of work, quantity and cost thereof which may or not be selected by the Employer, it is important to ensure that service items listed do not create liability on a daily basis if that is not the intention. For example, if the service is maintenance of an installation on an ad hoc or call-off basis which may require the Contractor to be on standby but not permanently on the Affected Property, avoid listing service items which may be treated as preliminary and general (P&Gs) items, whether fixed or time-related such as contractual requirements, establishing on site, offices, storage, ablutions, water supplies, power supply, telecommunications. The Price List should align with the intention of the contract and selection of Option X 19 should be considered. If the Contractor is required to price P&G items ensure that the tender, contract and Price List provides clearly that daily charges are applicable only as necessitated by the specific activity and authorised by the Service Manager. Particular care should be taken when utilising SANS 1200 as a guide for tenderers or for preparing templates for Price Lists in tenders. Avoid referring to the Price List as the Activity Schedule.

### Function of the Price List

Clause 54.1 in Option A states: "Information in the Price List is not Service Information". This confirms that instructions to do work or how it is to be done are not included in the Price List but in the Service Information. This is further confirmed by Clause 20.1 which states, "The *Contractor* Provides the Service in accordance with the Service Information". Hence the *Contractor* does **not** Provide the Service in accordance with the Price List. The Price List is only a pricing document.

## Link to the *Contractor's* plan

Clause 21.4 states “The *Contractor* provides information which shows how each item description on the Price List relates to the operations on each plan which he submits for acceptance”. Hence when compiling the *price list*, the tendering contractor needs to develop his first clause 21.2 plan in such a way that operations shown on it can be priced in the *price list* and result in a satisfactory cash flow in terms of clause 11.2(17).

## Preparing the *price list*

It will be assumed that the tendering contractor has read Pages 14, 15 and 76 of the TSC3 Guidance Notes before preparing the *price list*. Items in the *price list* may have been inserted by the *Employer* and the tendering contractor should insert any additional items which he considers necessary. Whichever party provides the items in the *price list* the total of the Prices is assumed to be fully inclusive of everything necessary to Provide the Service as described at the time of entering into this contract.

1 As the *Contractor* has an obligation to correct Defects (core clause 42.1) and there is no compensation event for this unless the Defect was due to an *Employer's* risk, the lump sum Prices and rates must also include for the correction of Defects.

2 If the *Contractor* has decided not to identify a particular item in the *price list* at the time of tender the cost to the *Contractor* of doing the work must be included in, or spread across, the other Prices and rates in the *price list* in order to fulfil the obligation to complete the *service* for the tendered total of the Prices.

3 There is no adjustment to lump sum prices in the *price list* if the amount, or quantity, of work within that lump sum item of service later turns out to be different to that which the *Contractor* estimated at time of tender. The only basis for a change to the Prices is as a result of a compensation event. See Clause 60.1.

4 Hence the Prices and rates tendered by the *Contractor* in the *price list* are inclusive of everything necessary and incidental to Providing the Service in accordance with the Service Information, as it was at the time of tender, as well as correct any Defects not caused by an *Employer's* risk.

5 The *Contractor* does not have to allow in his Prices and rates for matters that may arise as a result of a compensation event. It should be noted that the list of compensation events includes those arising as a result of an *Employer's* risk event listed in core clause 80.1.

## Format of the *price list*

(From page 76 of the TSC3 Guidance Notes)

Entries in the first four columns in the *price list* in section C2.2 are made either by the *Employer* or the tendering contractor.

If the *Contractor* is to be paid an amount for the item which is not adjusted if the quantity of work in the item changes, the tendering contractor enters the amount in the Price column only, the Unit, Expected Quantity and Rate columns being left blank.

If the *Contractor* is to be paid an amount for an item of work which is the rate for the work multiplied by the quantity completed, the tendering contractor enters the rate which is then multiplied by the Expected Quantity to produce the Price, which is also entered.

If the *Contractor* is to be paid a Price for an item proportional to the length of time for which a service is provided, a unit of time is stated in the Unit column and the expected length of time (as a quantity of the stated units of time) is stated in the Expected Quantity column.

## C2.2 Price List

### PRICING DATA

#### Permits and Safety File A

1	Permits (Including Vehicle Permit and Airside Induction Training Costs)	R10 000
2	Safety File	R5 000
<b>Total</b>		<b>R 15 000</b>

### CALL OUT FEE

#### NOTE:

All rates for all activities including diagnostic and repair shall include all required tools, software, hardware and consumables (including all applicable specialized tools and software, hardware and consumables) Onus is on the contractor to price correctly).

All \*call out\* shall include all applicable travelling, all personnel insurance, holidays with pay, incentive bonuses etc. Labour laws and all applicable laws shall be followed by the contractor.

The contractor will be compensated according to the contractor's rate provided in the below tables.

**Table B: Call outs + Labour**

Description	Quantity	Call out fee- (Contractor to fill in)	Total/ 12 months – (Contractor to fill in)
<b>Call Out</b>			
*Call out Fee which includes first hour on site and travelling fee (after hours, weekends and holidays)	48	R	R
<b>Total call out fee</b>			<b>R</b>

**Preventive Maintenance: C**

Asset Description	Rate/Door	Quantity	Frequency	Total
Sliding Door	R	43	2	R
Roller Doors	R	110	1	R
<b>TOTAL</b>				<b>R</b>

**Mark-up (third party procured items/services) D****Bidder to complete**

Value of Item or Services	**Mark-up (Contractor to fill in) (Y)	Spares amount for budget purposes *Z*	Total mark-up values to be budgeted- (Contractor to fill in) = (*Z*x Y) + Z
R0 - R2,000	%	R20 000.00	R
R2,001 - R5,000	%	R30 000.00	R
R5,001 - R10,000	%	R50 000.00	R
R10,001 - R50,000	%	R70 000.00	R
<b>Sub-total D (Third party Mark-up)</b> (Note: Should be part of the form of offer and acceptance)			<b>R</b>

<sup>C</sup>ost shall be net cost (excluding VAT) of parts delivered to site with all discounts deducted.

*\*The inserted amount \*Z\* are for budgeting purposes. The Total mark -up amount in the table is not guaranteed, but the mark-up will be applicable on third party quotations as per requirements of the system. Thus, the contractor will be held accountable to the mark-up filled in this table.*

*\*\*The mark-up will be applicable to the total of the third-party quotation not on a single line items in a quotation.*

Spares and sub – contractors work will be charged at cost plus mark-up. VAT shall not form part of mark-up calculations. Cost shall be net cost (excluding VAT) of parts supplied to site with all discounts deducted.

The spares list must be prepared based on tenderers best current spares prices (excl. VAT). The actual costs of spares will be reimbursed on submission of invoices and suppliers supporting documents.

**Labour Rates: E**

Item	Description	Normal hours(R/hour)	After hours(R/ hour)	
			Saturday	Sunday/public holiday
1	Technician			
2	Technician assistant/ Semi-skilled Labour			

**Pricing Schedule E is not to be included in the Pricing Summary.**

**Contract value**

Below, the guide that must be used in estimating the contract value. This amount must be reported as the Contract Value in the corresponding schedules. Tenderers are reminded that this amount is for illustrative purposes only and that ACSA will not be under any obligation to expend the full or any portion of this amount. Monthly contract expenditure will be strictly calculated according to the Activity Schedule as provided above.

**Summary Pricing Schedule**

Description		Price
A	Permits and Safety File	R
B	Call Outs	R 15 000
C	Preventive Maintenance	R
D	Provision for Third Party Items/Services	R
<u>Total Year 1</u>		<u>R</u>
<u>Total Year 2 (Year 1 +5% CPI)</u>		<u>R</u>
<u>Year 3 (Year 2 + 5% CPI)</u>		<u>R</u>
<u>TOTAL (Y1 +Y2 + Y3)</u>		<u>R</u>

<a href="#">VAT</a>	<a href="#">R</a>
<a href="#">Total (Vat Inclusive)</a>	<a href="#">R</a>

## C3 Service Information

**DESCRIPTION OF THE WORKS**

**Executive overview**

The objective of this business case is to source a suitable service provider in terms of experience and qualifications to render the service of maintenance and repairs of sliding doors and roller doors in accordance with applicable standards for a period of months in a sustainable manner and at a lowest cost while ensuring compliance to general safety and aviation related legislation.

**Employer’s requirements for the service**

The Contractor will attend to preventive and corrective maintenance of all equipment under this contract. The Contractor will be appointed directly by Airports Company South Africa. All work to be done by a competent team that includes artisans and technical assistants. The work shall include corrective maintenance, fault finding and reporting.

**Extent of the works**

The Contractor will be fully responsible for meeting all requirements in this document regarding the Works.

For each asset, all work will be carried out to standards as required by the Original Equipment Manufacturer (OEM) as well as any applicable governing law and/or regulations. Where OEM standards differ from those required by this document the more stringent requirement shall apply. The Contractor will be fully responsible for obtaining (and keeping up to date with) said requirements.

The Contractor will be responsible for providing staff which are sufficiently skilled and qualified for successful execution of the works. The Contractor shall comply with the Minimum Staffing Schedule always – as stipulated in the Annexes. This may be amended by mutual arrangement between the Employer and the Contractor from time to time.

The Contractor shall always remain responsible to ensure that the service levels and system performance indicators as stipulated in the Annexes are achieved. Should the Contractor not be able to maintain adequate system performance indicators due to constraints caused by the Employer, it shall be timeously reported, in writing, to the Contract Manager. Refer to the Annexes for the required system performance indicators.

The Contractor will ensure that his/her staff compliment is of a sufficient quantity to allow for uninterrupted supply of labour in the event of his/her staff taking sick leave, paid leave and will allow for all staff related eventualities.

The Contractor shall continuously ensure that all staff is suitable, able and competent for the duties required of them. The Contractor shall continuously ensure that all staff is knowledgeable on maintenance activities/procedures for the equipment. The Contractor shall further ensure that any staff member reasonably suspected of partaking in criminal activities is immediately removed from site and his permit returned to and/or cancelled at the ACSA Permit Office.

All work shall be performed within the required Response Times – as stipulated in the Annexes. Any breakdown impacting on operations shall be attended-to until restored to good reliable condition. No breakdown may be left unattended or incomplete for the next day or shift. All repair work shall carry a defect free be guaranteed for a period of 3 months after completion of work.

All work shall be charged according to the Activity Schedule.

The Contractor will be responsible for holding all tools and/or special equipment that might be required for the execution of the works, either on site or on their premises in order to comply with the Response Time requirements of this contract. Any exclusion to the above should be clearly communicated in the returnable schedules when submitting the tender.

The Contractor shall ensure that, support staff is always immediately reachable via cell phone.

The Contractor shall ensure that all maintenance staff are issued with uniforms that will comply with a minimum requirement as agreed with the Service Manager from time to time. Current airport requirements are safety shoes and a uniquely numbered reflective jacket (for easy identification via CCTV).

#### **Location of the works**

The Works are located at King Saka Airport at various locations – mostly in controlled areas. It is crucial for the Contractor to note that King Shaka International Airport is a National Key Point and governed as such.

### **PROCUREMENT**

#### **Preferential procurement procedures**

##### **Requirements**

The Contractor will respect OEM warranties to the Employer always when procuring spare parts, products or 3<sup>rd</sup> party services. It will be the Contractor's sole responsibility to ensure that OEM warranty requirements are adhered to always.

Where Contractors use or quote on spare parts of a lower quality than recommended by the OEM, or parts not recommended by the OEM, this shall be clearly indicated to the Service Manager on the quotation. This also implies that the Contractor must build relationships with the various key OEM's.

The Contractor must adhere to all airport requirements regarding fire, health and safety when procuring replacement conveyor belts and/or other equipment or spares.

No casual labour (i.e. "off the street" labour) may be employed by the Contractor unless pre-arranged with the Employer. Whenever this is required, the Contractor shall come to a suitable arrangement with the Employer regarding sourcing and screening of such individuals.

### **Subcontracting**

No part of this Contract may be subcontracted unless with written approval from the Employer, the Employer shall be under no obligation to grant such approval. Should any part of this Contract be subcontracted, the Contractor will be responsible for all Works (or failure to affect the Works) as if it was done so by the Contractor.

## **MANAGEMENT**

### **Management of the works**

#### **Particular / generic specifications**

All work shall conform to all relevant SANS standards, OHS ACT regulations and all other legislation that might be relevant to this Contract and the execution thereof.

All work shall be carried out in accordance with prevailing industry norms and best practice and will always comply with OEM requirements.

### **Planning and programming**

Work shall be scheduled in a manner as not to interfere with any normal airport operations.

Normal airport operational hours shall be **from 04:00 to 22:30** for every day of the year.

Maintenance teams will attend to breakdown maintenance.

### **Methods and procedures**

The Contractor must accept and respect the fact that the Airport is continuously undergoing construction and improvement and that a variety of stakeholders are involved in the Employer's business. Therefore, within reason and with prior arrangement with the Contractor, the Employer might require the following from time to time:

- Assisting with emergency repairs
- Assisting with airport operations Re-scheduling of work to accommodate other contractors
- Allowing access and providing assistance to OEM suppliers to correct defects on equipment and/or systems
- Checking on other contractors in order to reduce risk to equipment
- Pointing out services to consultants or other contractors
- Providing access to other contractors
- Removing rubble and/or equipment from site
- Providing of system data and/or statistics to ACSA
- Recommending improvements on maintenance procedures
- Recommending improvements on operational procedures
- Co-operating with ACSA Security relating to security issues
- Safe / legal disposal of used and irreparable spares

The Service Manager may instruct operational and works procedures to the Contractor as might be required from time to time. The Contractor will instruct his/her staff accordingly and implement measures to ensure that these procedures are strictly adhered to.

### **Quality plans and control**

All work must be executed in accordance with prevailing industry norms and standards relating to quality. Emphasis must be on improving system reliability.

**Environment**

The Contractor will keep noise and dust levels to a minimum. At no time, shall his/her work result in nuisance, interference or danger to the public or any other person working at the Airport.

At no time, shall the Contractor:

- allow any pollutive or toxic substance to be released into the air or storm water systems
- interfere with, or put at risk, the functionality of any system or service
- cause a fire or safety hazard

**Format of communications**

Work instructions, check sheets, inventory reports, breakdown reports, exception reports, etc. will all be in a format as agreed with the Service Manager.

**Key personnel**

A schedule of key personnel to this Contract (as per the Schedules) will be provided to the Service Manager at commencement of this Contract. This will, as a minimum, include all persons from technician level to management level. For the full duration of this Contract, none of these persons will be replaced by a person of lesser ability or qualification. All on-site staff leaves shall be reported and agreed with the Service Manager.

**Management meetings**

The Contractor will be expected to attend meetings relating to maintenance, operations, contract management and other issues that may arise from time to time. As far as is practicable, the Contractor will make all required persons available for these meetings. The Contractor shall not submit claims for payment for staff attending any of these meetings.

**Electronic payments**

The Contractor should arrange with the Employer’s finance department for making all payments electronically.

**Permits**

The Contractor shall not be compensated for costs relating to the Employer’s required permits, or for labour/time spent in obtaining it.

The Contractor must ensure that he/she is, always, familiar with the Employer’s safety and security requirements relating to permits for no work to be delayed as a result thereof. This will include the permit application process.

Note that (within reason) the Contractor will have no claim against the Employer if a permit request is refused.

The following table is not all inclusive, but is provided for illustration purposes:

Permit	Required by/for	Department
AVOP – Airside Vehicle Operator permit	All drivers of vehicles on airside	ACSA Safety
Airside Vehicle Permit	All vehicles that enter airside	ACSA Safety
Basement Parking permit	All vehicles allowed to enter the delivery basement	ACSA Parking
Personal permit	All persons employed on the airport	ACSA Security
Cell phone permit	All persons taking cell phones to airside	ACSA Security

Lap top permit	All persons taking lap top computers to airside	ACSA Security
Camera permit	All persons taking cameras or camera equipment to airside	ACSA Security
Hot Works Permit	All welding and/metal cutting work	ACSA Safety

Proof of having attended the airside induction training course is required for all personal permit applications. Persons applying for an AVOP must provide proof of having attended an AVOP course. Fees are levied for these courses. Fees are further levied for all permit renewals and refresher courses - where applicable.

#### **Proof of compliance with the law**

The Service Manager may at any time request from the Contractor reasonable proof that the Contractor is in compliance with a law or regulation.

#### **Health and safety**

##### **Health and safety requirements and procedures**

The Service Manager shall be entitled to fine the Contractor low service damages for each non-conformance to Health and Safety matters. This shall not transfer any of the Contractor's responsibilities in this regard to the Employer by any means.

The Contractor shall be fully responsible for compliance to the Occupational Health and Safety Act for all persons, equipment and installations relating to this Contract. The Contractor is expected to sign the undertaking in this regard as attached in the annexes.

It shall be the Contractor's responsibility to ensure that all relevant labour and safety legislation is adhered to in rostering staff.

All persons on company premises shall obey all health and safety rules, procedures and practices. NO SMOKING signs and the prohibition of the carrying of smoking materials in designated areas shall always be obeyed. A copy of the Safety Rules booklet is available on request from the ACSA Safety Department.

All the applicable requirements of the Occupational Health and Safety Act (1993) and Regulations and any amendments thereto, shall be met. Where the OHS, Act prescribes certification of competency of persons performing certain tasks, proof of such certification shall be provided to the Service Manager.

The Contractor's Workmen's Compensation fees must be up to date. A copy of the Contractor's WCA registration shall be produced on request.

The following areas in the company are declared as "HOT WORKS PERMIT" areas:

All airside areas

All basement areas

All areas accessible to the public

All enclosed areas

The terminal building

*Any process in the above-mentioned areas involving open flames, sparks, or heat shall be authorised by the issue of a permit to work - obtainable from the ACSA Safety department. Any work done under the protection of a permit to work shall be in strict compliance with every prescription regarding the permit.*

Safety equipment shall be used where applicable (e.g. safety, goggles, boots, harness, etc.) The Contractor, at his/her own expense shall provide such equipment, for his/her employees. The Contractor shall apply the necessary discipline and control to ensure compliance by his workers.

All Contractors must ensure that his/her employees are familiar with the existing emergency procedures and must co-operate in any drills or exercises, which might be held. Emergency / fire equipment and extinguishers shall not be obstructed at any time

No person shall perform an unsafe / unhygienic act or operation whilst on Company premises.

No unsafe/dangerous equipment or tools may be brought onto or used on Company premises. The Company reserves the right to inspect all equipment/tools at any time and to prevent/prohibit their use, without any penalty to the Company and without affecting the terms of the Contract in any way.

The Company reserves the right to act in any way to ensure the safety/security of any persons, equipment or goods on its premises and will not be liable for any costs or loss evoked by the action. This includes the right to search all vehicles and persons entering, leaving or on the premises and to inspect any parcel, package, handbag and pockets. Persons who are not willing to permit such searches may not bring any such items or vehicles onto the premises.

The Contractor shall maintain good housekeeping standards in the area where he is working for the duration of the contract.

At no time, must the Contractor interfere with, or put at risk, the functionality of any Sprinklers and/or fire prevention system. Care must also be taken to prevent fire hazards.

The Contractor is required to issue all staff with standard uniforms. This shall as a minimum include steel-tipped safety shoes/boots, overalls (clearly marked with Contractor's company logo) and numbered reflective jackets (also clearly marked with Contractor's company logo, the team members unique personnel number in a font size to be instructed by the Service Manager). All costs relating to uniforms shall be for the Contractor's account.

#### **Cell phones and two-way radios**

Use of cell phones on airside is **not** permitted unless the user is in possession of an appropriate Airport permit for the device. Cell phone permit issuing authority lies with the ACSA Security department.

The Contractor will **not** be allowed to use two-way radios at the Airport unless these radios are of the type, model and frequency range as approved by the ACSA IT department.

#### **Protection of the public**

The Contractor shall take special care in order not to harm or endanger the public in any way. Work shall be sufficiently hoarded and guarded to safeguard children and the general public from injury relating to machinery, work or other.

#### **Barricades and lighting**

Where hoarding, barricades or lighting is required in the execution of the Works, the Contractor shall provide same at his/her own expense. Hoarding, barricades and lighting shall comply with industry accepted norms and standards and may not be used for purposes of advertising or any other purpose than safeguarding the Works.

#### **Enterprise and Supplier Development Initiatives**

It is a requirement of this project that the successful tenderer enters into a contract (either through partnership, joint ventures or sub-contractors) with Targeted Enterprise(s) as defined in the Contract Data to perform a minimum of Thirty percent (30%) of the tendered contract value.

Tenderers must state transformation deliverables that are both achievable and measurable as the successful tenderer will be required to issue comprehensive monthly reports in response to this tender requirement. The monthly report will be assessed by ACSA's Internal Transformation Committee, which is accountable for implementation of ACSA's Transformation initiatives.

### C3.2.1 Definition of a Targeted Enterprise

A registered built environment professional firm contracted (either by Joint Venture, partnership or sub-contracting) by the tenderer to perform a specified percentage of work stated in the Contract Data under the guidance of the tenderer and which complies with the following:

- a) does not share equity holding with the tenderer; and
- b) is registered in terms of the Company's Act, 2008 (Act No. 71 of 2008) or Close Corporation Act, 1984 (Act No. 69 of 1984); and
- c) is registered with the South African Revenue Service; and
- d) is at least an Exempted Micro Enterprise (EME) with a B-BBEE Status of "Level One Contributor", as defined in the Amended Codes of Good Practice for measuring Broad-based Black Economic Empowerment (published in Government Gazette No. 36928 on 11 October 2013) or?
- e) is at least a Qualifying Small Enterprise (QSE) with a B-BBEE Status of "Level One Contributor", as defined in the Amended Codes of Good Practice for measuring Broad-based Black Economic Empowerment (published in Government Gazette No.36928 on 11 October 2013).
- f) has entered into a written relationship agreement of co-operation and assistance with the tenderer for the duration of the contract.

### C3.2.2 Participation of Targeted Enterprise(s)

The involvement of Targeted Enterprise(s) in the project management, manufacturing and testing is a mechanism to broaden the economic share of the national spend on engineering services and a means to hasten and improve the transfer of technical skills.

The percentage specified for Targeted Enterprise shall be applicable to the management, manufacturing and testing aspects of the project.

### C3.2.3 Transformation monthly reporting

The tenderer shall report monthly and provide the following documents:

- The skill development or transferred during the month in question and
- The progress of the targeted enterprises skill development.
- Proof of payment to the target enterprise

### C3.2.4 Sanctions for non-compliance with the transformation proposal

In the event that the tenderer does not meet the specified target of work value to the Targeted Enterprise, ACSA shall levy a penalty. The penalty payable is 50% of the value by which the cumulative value of the payments to the Targeted Enterprise fails to meet the specified percentage. The Targeted Enterprise(s) shall not be allowed to sub-contract any work that forms part of the specified participation percentage.

**ANNEXES to C3 (Service information)**

<b>Title</b>	<b>Annex number</b>
Schedule of Equipment	Annex A
Equipment commissioning dates	Annex B
Equipment life span	Annex C
Site information	Annex D
Risk assessment	Annex E
Estimated times for breakdowns/faults	Annex F
Service Level Agreement	Annex G
OHS Act Appointment by Contractor	Annex H
Minimum Maintenance Programme	Annex I
Environmental Terms and Conditions	Annex J
Spares List	Annex K
ACSA maintenance procedure	Annex L
Standard operating procedure	Annex M
Electrical lockout procedure	Annex N
King Shaka International Airport – operating instruction	Annex O
Fire Emergency procedure	Annex P
IMC procedure	Annex Q
Internal and external factors outside the contractor's control	Annex R
ACSA Mechanical Standardised Minimum: legal requirements and minimum competency requirements	Annex S
ACSA Inventory management procedure	Annex T

## Interpretation and terminology

The following abbreviations are used in this Service Information:

<b>Abbreviation</b>	<b>Meaning given to the abbreviation</b>
ACSA	Airports Company South Africa
KSIA	King Shaka International Airport
OEM	Original Equipment Manufacturer
PLC	Programmable Logic Controller
OHS	Occupational Health and Safety
PPE	Personal Protective Equipment
SHE	Safety, Health and Environment

## ANNEX A

**SCHEDULE OF EQUIPMENT****SLIDING DOORS**

Asset No Ascending	Barcode	Asset Description	Asset Description	Group	Category Description	Dept
KSI-PR- PK01-FL00- DSL001	ACSA0012041	SLIDING DOOR - GROUND FLOOR - PARKADE - ACSA0012041	DOOR SLIDING TORMAX	-	BUILDING - INTERNAL	MECH
KSI-TC- FL00-BR01- DSL001	ACSA0013755	SLIDING DOOR - DOMESTIC ARRIVALS - MEETERS AND GREETERS - GROUND FLOOR - TERMINAL - ACSA0013755	DOOR SLIDING TORMAX	-	BUILDING - INTERNAL	MECH
KSI-TC- FL00-BR01- DSL002	ACSA0013756	SLIDING DOOR - DOMESTIC ARRIVALS - MEETERS AND GREETERS - GROUND FLOOR - TERMINAL - ACSA0013756	DOOR SLIDING TORMAX	-	BUILDING - INTERNAL	MECH
KSI-TC- FL00-BR01- DSL003	ACSA0012729	SLIDING DOOR - TMB-ARL- 150 - BAGGAGE RECLAIM - PASSENGER DEPARTURES - GROUND FLOOR - TERMINAL - ACSA0012729	DOOR SLIDING TORMAX	-	BUILDING - INTERNAL	MECH
KSI-TC- FL00-PA01- DSL001	ACSA0012751	SLIDING DOOR - PASSENGER ARRIVALS - NEXT TO POST OFFICE - GROUND FLOOR - TERMINAL - ACSA0012751	DOOR SLIDING TORMAX	-	BUILDING - INTERNAL	MECH
KSI-TC- FL00-PA01- DSL002	ACSA0012718	SLIDING DOOR - PASSENGER ARRIVALS - NEXT TO WINE CELLAR - GROUND FLOOR - TERMINAL - ACSA0012718	DOOR SLIDING TORMAX	-	BUILDING - INTERNAL	MECH
KSI-TC- FL00-PA01- DSL003	ACSA0012719	SLIDING DOOR - PASSENGER ARRIVALS - NEXT TO EXCLUSIVE BOOKS - GROUND FLOOR - TERMINAL - ACSA0012719	DOOR SLIDING TORMAX	-	BUILDING - INTERNAL	MECH
KSI-TC- FL00-PA01- DSL004	ACSA0012715	SLIDING DOOR - PASSENGER ARRIVALS - NEXT TO WOOLWORTHS - GROUND FLOOR - TERMINAL - ACSA0012715	DOOR SLIDING TORMAX	-	BUILDING - INTERNAL	MECH
KSI-TC- FL00-PA02- DSL001	ACSA0012705	SLIDING DOOR - INTERNATIONAL ARRIVALS - MEETERS AND GREETERS -	DOOR SLIDING TORMAX	-	BUILDING - INTERNAL	MECH

		GROUND FLOOR - TERMINAL - ACSA0012705			
KSI-TC- FL00-PA02- DSL002	ACSA0012706	SLIDING DOOR - INTERNATIONAL ARRIVALS - MEETERS AND GREETERS - GROUND FLOOR - TERMINAL - ACSA0012706	DOOR - SLIDING - TORMAX	BUILDING - INTERNAL	MECH
KSI-TC- FL00-PA02- DSL003	ACSA0012710	SLIDING DOOR - PASSENGER ARRIVALS - CUSTOMS AREA - GROUND FLOOR - TERMINAL - ACSA0012710	DOOR - SLIDING - TORMAX	BUILDING - INTERNAL	MECH
KSI-TC- FL00-PA02- DSL004	ACSA0012703	SLIDING DOOR - PASSENGER ARRIVALS - CUSTOMS AREA - GROUND FLOOR - TERMINAL - ACSA0012703	DOOR - SLIDING - TORMAX	BUILDING - INTERNAL	MECH
KSI-TC- FL00-PA02- DSL005	ACSA0012733	SLIDING DOOR - PASSENGER ARRIVALS - CUSTOMS AREA - GROUND FLOOR - TERMINAL - ACSA0012733	DOOR - SLIDING - TORMAX	BUILDING - INTERNAL	MECH
KSI-TC- FL00-PA02- DSL006	ACSA0012728	SLIDING DOOR - PASSENGER ARRIVALS - CUSTOMS AREA - GROUND FLOOR - TERMINAL - ACSA0012728	DOOR - SLIDING - TORMAX	BUILDING - INTERNAL	MECH
KSI-TC- FL00-PA02- DSL007	ACSA0012732	SLIDING DOOR - PASSENGER ARRIVALS - CUSTOMS AREA - GROUND FLOOR - TERMINAL - ACSA0012732	DOOR - SLIDING - TORMAX	BUILDING - INTERNAL	MECH
KSI-TC- FL00-PA03- DSL001	ACSA0012760	SLIDING DOOR - PASSENGER ARRIVALS - IMMIGRATION - GROUND FLOOR - TERMINAL - ACSA0012760	DOOR - SLIDING - TORMAX	BUILDING - INTERNAL	MECH
KSI-TC- FL01-CD01- DSL001	ACSA0014737	SLIDING DOOR - INTERNATIONAL DEPARTURES CORRIDOR - DOOR 2 - TERMINAL - ACSA0014737	DOOR - SLIDING - TORMAX	BUILDING - INTERNAL	MECH
KSI-TC- FL01-CD01- DSL002	ACSA0014760	SLIDING DOOR - INTERNATIONAL DEPARTURES CORRIDOR - DOOR 1 - TERMINAL - ACSA0014760	DOOR - SLIDING - TORMAX	BUILDING - INTERNAL	MECH

KSI-TC- FL01-CD01- DSL003	ACSA0014740	SLIDING DOOR - TMA-AML- 224 - INTERNATIONAL CORRIDOR - MEZZANINE FLOOR - TERMINAL - ACSA0014740	DOOR SLIDING TORMAX	- - -	BUILDING - INTERNAL	MECH
KSI-TC- FL01-CD01- DSL004	ACSA0014784	SLIDING DOOR - INTERNATIONAL DEPARTURES CORRIDOR - DOOR 3 - TERMINAL - ACSA0014784	DOOR SLIDING TORMAX	- - -	BUILDING - INTERNAL	MECH
KSI-TC- FL01-CD01- DSL005	ACSA0014762	SLIDING DOOR - TMA-AML- 162 - CHARLIE 5 INTERNATIONAL DEPARTURES - A22 - TERMINAL - ACSA0014762	DOOR SLIDING TORMAX	- - -	BUILDING - INTERNAL	MECH
KSI-TC- FL01-CD02- DSL001	ACSA0014721	SLIDING DOOR - TMA-AML- 070E - MEZZANINE FLOOR - NEXT TO DB CA3 - TERMINAL - - ACSA0014721	DOOR SLIDING TORMAX	- - -	BUILDING - INTERNAL	MECH
KSI-TC- FL01-CD02- DSL002	ACSA0014715	SLIDING DOOR - TMA-AML- 070A - MEZZANINE FLOOR - OPPOSITE A15 - TERMINAL - ACSA0014715	DOOR SLIDING TORMAX	- - -	BUILDING - INTERNAL	MECH
KSI-TC- FL01-CD02- DSL003	ACSA0014711	SLIDING DOOR - TMA-AML- 070D - MEZZANINE FLOOR - OPPOSITE A18 - TERMINAL - ACSA0014711	DOOR SLIDING TORMAX	- - -	BUILDING - INTERNAL	MECH
KSI-TC- FL01-CD02- DSL004	ACSA0014772	SLIDING DOOR - TMA-AML- 070B - MEZZANINE FLOOR - OPPOSITE A16 - TERMINAL - ACSA0014772	DOOR SLIDING TORMAX	- - -	BUILDING - INTERNAL	MECH
KSI-TC- FL01-CD02- DSL005	ACSA0014727	SLIDING DOOR - TMA-AML- 070 - MEZZANINE FLOOR - OPPOSITE A14 - TERMINAL - ACSA0014727	DOOR SLIDING TORMAX	- - -	BUILDING - INTERNAL	MECH
KSI-TC- FL01-CD02- DSL006	ACSA0014786	SLIDING DOOR - TMA-AML- 161C - CHARLIE 5 DOMESTIC DEPARTURES - A19 - TERMINAL - ACSA0014786	DOOR SLIDING TORMAX	- - -	BUILDING - INTERNAL	MECH
KSI-TC- FL01-CD03- DSL001	ACSA0014743	SLIDING DOOR - TMA-AML- 113C - CHARLIE 2 DEPARTURES DOOR - TERMINAL - ACSA0014743	DOOR SLIDING TORMAX	- - -	BUILDING - INTERNAL	MECH
KSI-TC- FL01-CD03- DSL002	ACSA0014747	SLIDING DOOR - TMA-AML- 113B - CHARLIE 2 ARRIVALS DOOR - TERMINAL - ACSA0014747	DOOR SLIDING TORMAX	- - -	BUILDING - INTERNAL	MECH

KSI-TC- FL01-CD03- DSL003	ACSA0014764	SLIDING DOOR - TMA-AML- 113 - CHARLIE 2 DEPARTURES DOOR - TERMINAL - ACSA0014764	DOOR SLIDING TORMAX	- -	BUILDING - INTERNAL	MECH
KSI-TC- FL01-CD03- DSL004	ACSA0014796	SLIDING DOOR - TMA-AML- 113A - CHARLIE 2 ARRIVALS DOOR - TERMINAL - ACSA0014796	DOOR SLIDING TORMAX	- -	BUILDING - INTERNAL	MECH
KSI-TC- FL01-CD03- DSL005	ACSA0014744	SLIDING DOOR - TMA-AML- 200 - CHARLIE 2 AIRBRIDGE DOOR - TERMINAL - ACSA0014744	DOOR SLIDING TORMAX	- -	BUILDING - INTERNAL	MECH
KSI-TC- FL01-CD04- DSL001	ACSA0014729	SLIDING DOOR - TMA-AML- 114A - CHARLIE 5 ARRIVALS DOOR - TERMINAL - ACSA0014729	DOOR SLIDING TORMAX	- -	BUILDING - INTERNAL	MECH
KSI-TC- FL01-CD04- DSL002	ACSA0014732	SLIDING DOOR - TMA-AML- 114 - CHARLIE 5 ARRIVALS DOOR - TERMINAL - ACSA0014732	DOOR SLIDING TORMAX	- -	BUILDING - INTERNAL	MECH
KSI-TC- FL01-CD04- DSL003	ACSA0014794	SLIDING DOOR - CHARLIE 5 AIRBRIDGE DOOR - TERMINAL - ACSA0014794	DOOR SLIDING TORMAX	- -	BUILDING - INTERNAL	MECH
KSI-TC- FL01-CD04- DSL004	ACSA0014733	SLIDING DOOR - TMA-AML- 114C - CHARLIE 5 DEPARTURES DOOR - TERMINAL - ACSA0014733	DOOR SLIDING TORMAX	- -	BUILDING - INTERNAL	MECH
KSI-TC- FL01-CD04- DSL005	ACSA0014778	SLIDING DOOR - TMA-AML- 114B - CHARLIE 5 DEPARTURES DOOR - TERMINAL - ACSA0014778	DOOR SLIDING TORMAX	- -	BUILDING - INTERNAL	MECH
KSI-TC- FL02-PC05- DSL001	ACSA0012777	SLIDING DOOR - PASSENGER DEPARTURES - DROP OFF ZONE 2 - SECOND FLOOR - TERMINAL - ACSA0012777	DOOR SLIDING TORMAX	- -	BUILDING - INTERNAL	MECH
KSI-TC- FL02-PC05- DSL002	ACSA0012752	SLIDING DOOR - PASSENGER DEPARTURES - DROP OFF ZONE 3 - SECOND FLOOR - TERMINAL - ACSA0012752	DOOR SLIDING TORMAX	- -	BUILDING - INTERNAL	MECH
KSI-TC- FL02-PC05- DSL003	ACSA0012741	SLIDING DOOR - PASSENGER DEPARTURES - DROP OFF ZONE 2 - SECOND FLOOR - TERMINAL - ACSA0012741	DOOR SLIDING TORMAX	- -	BUILDING - INTERNAL	MECH

KSI-TC- FL02-PC05- DSL004	ACSA0012793	SLIDING DOOR - PASSENGER DEPARTURES - DROP OFF ZONE 1 - SECOND FLOOR - TERMINAL - ACSA0012793	DOOR SLIDING TORMAX	- - -	BUILDING - INTERNAL	MECH
KSI-TC- FL02-PC05- DSL005	ACSA0012791	SLIDING DOOR - PASSENGER DEPARTURES - DROP OFF ZONE 3 - SECOND FLOOR - TERMINAL - ACSA0012791	DOOR SLIDING TORMAX	- - -	BUILDING - INTERNAL	MECH
KSI-TC- FL02-PC05- DSL006	ACSA0012792	SLIDING DOOR - PASSENGER DEPARTURES - DROP OFF ZONE 4 - SECOND FLOOR - TERMINAL - ACSA0012792	DOOR SLIDING TORMAX	- - -	BUILDING - INTERNAL	MECH

## ROLLER DOORS

### ASSET

#### NUMBER AREA

KSI-AP- SG01-FL00- DRS001	ROLLER SHUTTER DOOR - GROUND FLOOR - SECURITY AND ACCESS CONTROL AREA - SOUTH GATE - AIRPORT PERIMETER AREA - ACSA0013877
KSI-AP- SG01-FL00- DRS002	ROLLER SHUTTER DOOR - GROUND FLOOR - SECURITY AND ACCESS CONTROL AREA - SOUTH GATE - AIRPORT PERIMETER AREA - ACSA0013882
KSI-AP- SG02-FL00- DRS001	ROLLER SHUTTER DOOR - GROUND FLOOR - SECURITY AND ACCESS CONTROL AREA - NORTH GATE - AIRPORT PERIMETER AREA - ACSA0016544
KSI-AP- SG02-FL00- DRS002	ROLLER SHUTTER DOOR - GROUND FLOOR - SECURITY AND ACCESS CONTROL AREA - NORTH GATE - AIRPORT PERIMETER AREA - ACSA0016542
SI-FS-BD01- FL00- DRS001	ROLLER SHUTTER DOOR - FRONT - GROUND FLOOR - FIRE STATION AREA - ACSA0013088
KSI-FS- BD01-FL00- DRS002	ROLLER SHUTTER DOOR - GROUND FLOOR - FIRE STATION AREA - ACSA0013070
KSI-FS- BD01-FL00- DRS003	ROLLER SHUTTER DOOR - GROUND FLOOR - FIRE STATION AREA - ACSA0013071
KSI-FS- BD01-FL00- DRS004	ROLLER SHUTTER DOOR - BRD7 - GROUND FLOOR - FIRE STATION AREA - ACSA0013099
KSI-FS- BD01-FL00- DRS005	ROLLER SHUTTER DOOR - BRD6 - GROUND FLOOR - FIRE STATION AREA - ACSA0013082

KSI-FS-BD01-FL00-DRS006	ROLLER SHUTTER DOOR - BRD5 - GROUND FLOOR - FIRE STATION AREA - ACSA0013081
KSI-FS-BD01-FL00-DRS007	ROLLER SHUTTER DOOR - BRD4 - GROUND FLOOR - FIRE STATION AREA - ACSA0013086
KSI-FS-BD01-FL00-DRS008	ROLLER SHUTTER DOOR - BRD3 - GROUND FLOOR - FIRE STATION AREA - ACSA0013085
KSI-FS-BD01-FL00-DRS009	ROLLER SHUTTER DOOR - BDR2 - GROUND FLOOR - FIRE STATION AREA - ACSA0013053
KSI-FS-BD01-FL00-DRS010	ROLLER SHUTTER DOOR - BRD1 - GROUND FLOOR - FIRE STATION AREA - ACSA0013052
KSI-FS-BD01-FL00-DRS011	ROLLER SHUTTER DOOR - FRD7 - GROUND FLOOR - FIRE STATION AREA - ACSA0013077
KSI-FS-BD01-FL00-DRS012	ROLLER SHUTTER DOOR - FRD6 - GROUND FLOOR - FIRE STATION AREA - ACSA0013065
KSI-FS-BD01-FL00-DRS013	ROLLER SHUTTER DOOR - FRD5 - GROUND FLOOR - FIRE STATION AREA - ACSA0013078
KSI-FS-BD01-FL00-DRS014	ROLLER SHUTTER DOOR - FRD4 - GROUND FLOOR - FIRE STATION AREA - ACSA0013066
KSI-FS-BD01-FL00-DRS015	ROLLER SHUTTER DOOR - FDR3 - GROUND FLOOR - FIRE STATION AREA - ACSA0013050
KSI-FS-BD01-FL00-DRS016	ROLLER SHUTTER DOOR - FRD2 - GROUND FLOOR - FIRE STATION AREA - ACSA0013068
KSI-FS-BD01-FL00-DRS017	ROLLER SHUTTER DOOR - FRD1 - GROUND FLOOR - FIRE STATION AREA - ACSA0013069
KSI-MW-BD01-FL00-DRS001	ROLLER SHUTTER DOOR - GROUND FLOOR - MB 01 - ELECTRICAL MAINTENANCE WORKSHOP - MAINTENANCE WORKSHOP AREA - ACSA0016631
KSI-MW-BD01-FL00-DRS002	ROLLER SHUTTER DOOR - GROUND FLOOR - MB 01 - ELECTRICAL MAINTENANCE WORKSHOP - MAINTENANCE WORKSHOP AREA - ACSA0016637
KSI-MW-BD02-FL00-DRS001	ROLLER SHUTTER DOOR - GROUND FLOOR - MB 02 - SURFACE MAINTENANCE WORKSHOP - MAINTENANCE WORKSHOP AREA - ACSA0016656
KSI-MW-BD02-FL00-DRS002	ROLLER SHUTTER DOOR - GROUND FLOOR - MB 02 - SURFACE MAINTENANCE WORKSHOP - MAINTENANCE WORKSHOP AREA - ACSA0016608
KSI-MW-BD03-FL00-DRS001	ROLLER SHUTTER DOOR - GROUND FLOOR - MB 03 - MAINTENANCE WORKSHOP AREA - ACSA0016677
KSI-MW-BD03-FL00-DRS002	ROLLER SHUTTER DOOR - GROUND FLOOR - MB 03 - MAINTENANCE WORKSHOP AREA - ACSA0016675

KSI-MW-BD04-FL00-DRS001	ROLLER SHUTTER DOOR - GROUND FLOOR - AG 01 - MAINTENANCE WORKSHOP AREA - ACSA0016694
KSI-MW-BD04-FL00-DRS002	ROLLER SHUTTER DOOR - GROUND FLOOR - AG 01 - MAINTENANCE WORKSHOP AREA - ACSA0016690
KSI-MW-BD04-FL00-DRS003	ROLLER SHUTTER DOOR - GROUND FLOOR - AG 01 - MAINTENANCE WORKSHOP AREA - ACSA0016606
KSI-MW-BD04-FL00-DRS004	ROLLER SHUTTER DOOR - GROUND FLOOR - AG 01 - MAINTENANCE WORKSHOP AREA - ACSA0016672
KSI-MW-BD05-FL00-DRS001	ROLLER SHUTTER DOOR - GROUND FLOOR - AG 02 - MAINTENANCE WORKSHOP AREA - ACSA0016610
KSI-MW-BD05-FL00-DRS002	ROLLER SHUTTER DOOR - GROUND FLOOR - AG 02 - MAINTENANCE WORKSHOP AREA - ACSA0016653
KSI-MW-BD05-FL00-DRS003	ROLLER SHUTTER DOOR - GROUND FLOOR - AG 02 - MAINTENANCE WORKSHOP AREA - ACSA0016639
KSI-MW-BD05-FL00-DRS004	ROLLER SHUTTER DOOR - GROUND FLOOR - AG 02 - MAINTENANCE WORKSHOP AREA - ACSA0016629
KSI-MW-BD06-FL00-DRS001	ROLLER SHUTTER DOOR - GROUND FLOOR - ATTIC STORE ROOM - MAINTENANCE WORKSHOP AREA - ACSA0016638
KSI-TC-FL-1-CH01-DRS001	ROLLER SHUTTER DOOR - TS006/09 CHILLER ROOM - CHILLER ROOM AREA - BASEMENT AREA - TERMINAL - CTB AREA - ACSA0012781
KSI-TC-FL-1-FL-1-DRS001	ROLLER SHUTTER DOOR - T03/10 - ENTRANCE NORTH - BASEMENT AREA - TERMINAL - CTB AREA - ACSA0012757
KSI-TC-FL-1-SA01-DRS001	ROLLER SHUTTER DOOR - TS003 - REFUSE AREA - SERVICES AREA - REFUSE COMPACTION - BASEMENT AREA - TERMINAL - CTB AREA - ACSA0012731
KSI-TC-FL-1-SA01-DRS002	ROLLER SHUTTER DOOR - TS03/09 - REFUSE AREA - SERVICES AREA - REFUSE COMPACTION - BASEMENT AREA - TERMINAL - CTB AREA - ACSA0012708
KSI-TC-FL-1-SG01-DRS001	ROLLER SHUTTER DOOR - GOODS - SECURITY AND ACCESS CONTROL AREA - BASEMENT NORTH STAFF SCREENING - BASEMENT AREA - TERMINAL - CTB AREA - ACSA0012734
KSI-TC-FL-1-SG01-DRS002	ROLLER SHUTTER DOOR - GOODS - SECURITY AND ACCESS CONTROL AREA - BASEMENT NORTH STAFF SCREENING - BASEMENT AREA - TERMINAL - CTB AREA - ACSA0013468
KSI-TC-FL-1-SG01-DRS003	ROLLER SHUTTER DOOR - STAFF - SECURITY AND ACCESS CONTROL AREA - BASEMENT NORTH STAFF SCREENING - BASEMENT AREA - TERMINAL - CTB AREA - ACSA0012843
KSI-TC-FL-1-SG01-DRS004	ROLLER SHUTTER DOOR - STAFF - SECURITY AND ACCESS CONTROL AREA - BASEMENT NORTH STAFF SCREENING - BASEMENT AREA - TERMINAL - CTB AREA - ACSA0012879
KSI-TC-FL-1-SG02-DRS001	ROLLER SHUTTER DOOR - SECURITY AND ACCESS CONTROL AREA - BASEMENT SOUTH STAFF SCREENING - BASEMENT AREA - TERMINAL - CTB AREA - ACSA0013461

KSI-TC-FL-1-SG02-DRS002	ROLLER SHUTTER DOOR - SECURITY AND ACCESS CONTROL AREA - BASEMENT SOUTH STAFF SCREENING - BASEMENT AREA - TERMINAL - CTB AREA - ACSA0013462
KSI-TC-FL-1-SG02-DRS003	ROLLER SHUTTER DOOR - STAFF - SECURITY AND ACCESS CONTROL AREA - BASEMENT SOUTH STAFF SCREENING - BASEMENT AREA - TERMINAL - CTB AREA - ACSA0012847
KSI-TC-FL-1-SG02-DRS004	ROLLER SHUTTER DOOR - STAFF - SECURITY AND ACCESS CONTROL AREA - BASEMENT SOUTH STAFF SCREENING - BASEMENT AREA - TERMINAL - CTB AREA - ACSA0012884
KSI-TC-FL-1-SG03-DRS001	ROLLER SHUTTER DOOR - SECURITY AND ACCESS CONTROL AREA - BASEMENT SOUTH GOODS SCREENING - BASEMENT AREA - TERMINAL - CTB AREA - ACSA0012762
KSI-TC-FL-1-SG03-DRS002	ROLLER SHUTTER DOOR - TS187-188 - SECURITY AND ACCESS CONTROL AREA - BASEMENT SOUTH GOODS SCREENING - BASEMENT AREA - TERMINAL - CTB AREA - ACSA0012707
KSI-TC-FL00-OF02-DRS001	ROLLER SHUTTER DOOR - DOMESTIC FIREARM AND WEAPONS COLLECTIONS - OFFICE AREA - SAA BAGGAGE SERVICES DOMESTIC - GROUND FLOOR - PASSENGER ARRIVALS AREA - TERMINAL - CTB AREA - ACSA0013730
KSI-TC-FL00-OF02-DRS002	ROLLER SHUTTER DOOR - SAA BAGGAGE SERVICE - OFFICE AREA - SAA BAGGAGE SERVICES DOMESTIC - GROUND FLOOR - PASSENGER ARRIVALS AREA - TERMINAL - CTB AREA - ACSA0013749
KSI-TC-FL00-OF03-DRS001	ROLLER SHUTTER DOOR - 1TIME BAGGAGE CLAIMS - OFFICE AREA - KULULA BAGGAGE SERVICES - GROUND FLOOR - PASSENGER ARRIVALS AREA - TERMINAL - CTB AREA - ACSA0013752
KSI-TC-FL00-OF03-DRS002	ROLLER SHUTTER DOOR - BAGGAGE ENQUIRIES - KULULA - BA - OFFICE AREA - KULULA BAGGAGE SERVICES - GROUND FLOOR - PASSENGER ARRIVALS AREA - TERMINAL - CTB AREA - ACSA0013750
KSI-TC-FL00-OF03-DRS003	ROLLER SHUTTER DOOR - MANGO - OFFICE AREA - KULULA BAGGAGE SERVICES - GROUND FLOOR - PASSENGER ARRIVALS AREA - TERMINAL - CTB AREA - ACSA0013751
KSI-TC-FL00-OF03-DRS004	ROLLER SHUTTER DOOR - SDS BHS - BAG IT - OFFICE AREA - KULULA BAGGAGE SERVICES - GROUND FLOOR - PASSENGER ARRIVALS AREA - TERMINAL - CTB AREA - ACSA0013753
KSI-TC-FL00-OF03-DRS005	ROLLER SHUTTER DOOR - SWISSPORT - OFFICE AREA - KULULA BAGGAGE SERVICES - GROUND FLOOR - PASSENGER ARRIVALS AREA - TERMINAL - CTB AREA - ACSA0013754
KSI-TC-FL00-OF04-DRS001	ROLLER SHUTTER DOOR - OFFICE AREA - SAA BAGGAGE SERVICES INTERNATIONAL - GROUND FLOOR - PASSENGER ARRIVALS AREA - TERMINAL - CTB AREA - ACSA0013757
KSI-TC-FL00-OF04-DRS002	ROLLER SHUTTER DOOR - BIDAIR SERVICES - OFFICE AREA - SAA BAGGAGE SERVICES INTERNATIONAL - GROUND FLOOR - PASSENGER ARRIVALS AREA - TERMINAL - CTB AREA - ACSA0013759
KSI-TC-FL00-OF04-DRS003	ROLLER SHUTTER DOOR - BIG FIVE DUTY FREE - OFFICE AREA - SAA BAGGAGE SERVICES INTERNATIONAL - GROUND FLOOR - PASSENGER ARRIVALS AREA - TERMINAL - CTB AREA - ACSA0013760
KSI-TC-FL00-OF04-DRS004	ROLLER SHUTTER DOOR - SAA BAGGAGE SERVICES - OFFICE AREA - SAA BAGGAGE SERVICES INTERNATIONAL - GROUND FLOOR - PASSENGER ARRIVALS AREA - TERMINAL - CTB AREA - ACSA0013758
KSI-TC-FL02-OF01-DRS001	ROLLER SHUTTER DOOR - 1TIME - OFFICE AREA - TICKET SALES KIOSKS SAA - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012776
KSI-TC-FL02-OF01-DRS002	ROLLER SHUTTER DOOR - MANGO - OFFICE AREA - TICKET SALES KIOSKS SAA - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012758

KSI-TC- FL02-OF01- DRS003	ROLLER SHUTTER DOOR - MANGO - OFFICE AREA - TICKET SALES KIOSKS SAA - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012722
KSI-TC- FL02-OF01- DRS004	ROLLER SHUTTER DOOR - MANGO - OFFICE AREA - TICKET SALES KIOSKS SAA - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012764
KSI-TC- FL02-OF01- DRS005	ROLLER SHUTTER DOOR - SAA - OFFICE AREA - TICKET SALES KIOSKS SAA - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012723
KSI-TC- FL02-OF01- DRS006	ROLLER SHUTTER DOOR - SAA - OFFICE AREA - TICKET SALES KIOSKS SAA - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012782
KSI-TC- FL02-OF01- DRS007	ROLLER SHUTTER DOOR - SAA - OFFICE AREA - TICKET SALES KIOSKS SAA - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012771
KSI-TC- FL02-OF01- DRS008	ROLLER SHUTTER DOOR - STAFF BUS TICKETS - OFFICE AREA - TICKET SALES KIOSKS SAA - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012770
KSI-TC- FL02-OF02- DRS001	ROLLER SHUTTER DOOR - OFFICE AREA - TICKET SALES KIOSKS AIR MAURITIUS - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012737
KSI-TC- FL02-OF02- DRS002	ROLLER SHUTTER DOOR - OFFICE AREA - TICKET SALES KIOSKS AIR MAURITIUS - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012794
KSI-TC- FL02-OF02- DRS003	ROLLER SHUTTER DOOR - AIR MAURITIUS - OFFICE AREA - TICKET SALES KIOSKS AIR MAURITIUS - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012785
KSI-TC- FL02-OF03- DRS001	ROLLER SHUTTER DOOR - SARS CUSTOMS - OFFICE AREA - CUSTOMS - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012749
KSI-TC- FL02-OF03- DRS002	ROLLER SHUTTER DOOR - VAT CLAIM - OFFICE AREA - CUSTOMS - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012742
KSI-TC- FL02-OF04- DRS001	ROLLER SHUTTER DOOR - BA - OFFICE AREA - TICKET SALES KIOSKS KULULA AND BRITSH AIRWAYS - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0013709
KSI-TC- FL02-OF04- DRS002	ROLLER SHUTTER DOOR - BA - OFFICE AREA - TICKET SALES KIOSKS KULULA AND BRITSH AIRWAYS - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0013711
KSI-TC- FL02-OF04- DRS003	ROLLER SHUTTER DOOR - BIDAIR SERVICES - OFFICE AREA - TICKET SALES KIOSKS KULULA AND BRITSH AIRWAYS - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0013710
KSI-TC- FL02-OF04- DRS004	ROLLER SHUTTER DOOR - BIDAIR SERVICES - OFFICE AREA - TICKET SALES KIOSKS KULULA AND BRITSH AIRWAYS - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0013712
KSI-TC- FL02-OF04- DRS005	ROLLER SHUTTER DOOR - KULULA - OFFICE AREA - TICKET SALES KIOSKS KULULA AND BRITSH AIRWAYS - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012717
KSI-TC- FL02-OF04- DRS006	ROLLER SHUTTER DOOR - KULULA - OFFICE AREA - TICKET SALES KIOSKS KULULA AND BRITSH AIRWAYS - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012739
KSI-TC- FL02-OF04- DRS007	ROLLER SHUTTER DOOR - MENZIES - OFFICE AREA - TICKET SALES KIOSKS KULULA AND BRITSH AIRWAYS - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0013717

KSI-TC- FL02-OF04- DRS008	ROLLER SHUTTER DOOR - MENZIES - OFFICE AREA - TICKET SALES KIOSKS KULULA AND BRITISH AIRWAYS - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0013708
KSI-TC- FL02-OF04- DRS009	ROLLER SHUTTER DOOR - SWISSPORT - OFFICE AREA - TICKET SALES KIOSKS KULULA AND BRITISH AIRWAYS - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0013715
KSI-TC- FL02-SG01- DRS001	ROLLER SHUTTER DOOR - STAFF ENTRANCE - SECURITY AND ACCESS CONTROL AREA - DEPARTURES SOUTH STAFF SCREENING - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012964
KSI-TC- FL02-SG01- DRS002	ROLLER SHUTTER DOOR - STAFF ENTRANCE - SECURITY AND ACCESS CONTROL AREA - DEPARTURES SOUTH STAFF SCREENING - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012984
KSI-TC- FL02-SG01- DRS003	ROLLER SHUTTER DOOR - STAFF EXIT - SECURITY AND ACCESS CONTROL AREA - DEPARTURES SOUTH STAFF SCREENING - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012930
KSI-TC- FL02-SG01- DRS004	ROLLER SHUTTER DOOR - STAFF EXIT - SECURITY AND ACCESS CONTROL AREA - DEPARTURES SOUTH STAFF SCREENING - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012995
KSI-TC- FL02-SG02- DRS001	ROLLER SHUTTER DOOR - STAFF - SECURITY AND ACCESS CONTROL AREA - DEPARTURES NORTH STAFF SCREENING - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012933
KSI-TC- FL02-SG02- DRS002	ROLLER SHUTTER DOOR - STAFF - SECURITY AND ACCESS CONTROL AREA - DEPARTURES NORTH STAFF SCREENING - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012965
KSI-TC- FL02-SG03- DRS001	ROLLER SHUTTER DOOR - SECURITY AND ACCESS CONTROL AREA - DEPARTURES CENTRAL PASSENGER SCREENING - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0013460
KSI-TC- FL02-SG03- DRS002	ROLLER SHUTTER DOOR - SECURITY AND ACCESS CONTROL AREA - DEPARTURES CENTRAL PASSENGER SCREENING - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0013457
KSI-TC- FL02-SG03- DRS003	ROLLER SHUTTER DOOR - SECURITY AND ACCESS CONTROL AREA - DEPARTURES CENTRAL PASSENGER SCREENING - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0013458
KSI-TC- FL02-SG03- DRS004	ROLLER SHUTTER DOOR - MAIN INTERNATIONAL DOOR 9 - PASSENGER - SECURITY AND ACCESS CONTROL AREA - DEPARTURES CENTRAL PASSENGER SCREENING - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012951
KSI-TC- FL02-SG03- DRS005	ROLLER SHUTTER DOOR - INTERNATIONAL DOOR 8 - PASSENGER - SECURITY AND ACCESS CONTROL AREA - DEPARTURES CENTRAL PASSENGER SCREENING - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012956
KSI-TC- FL02-SG03- DRS006	ROLLER SHUTTER DOOR - INTERNATIONAL DOOR 7 - PASSENGER - SECURITY AND ACCESS CONTROL AREA - DEPARTURES CENTRAL PASSENGER SCREENING - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012983
KSI-TC- FL02-SG03- DRS007	ROLLER SHUTTER DOOR - INTERNATIONAL DOOR 6 - PASSENGER - SECURITY AND ACCESS CONTROL AREA - DEPARTURES CENTRAL PASSENGER SCREENING - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012955
KSI-TC- FL02-SG03- DRS008	ROLLER SHUTTER DOOR - DOMESTIC DOOR 3 - PASSENGER - SECURITY AND ACCESS CONTROL AREA - DEPARTURES CENTRAL PASSENGER SCREENING - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012936
KSI-TC- FL02-SG03- DRS009	ROLLER SHUTTER DOOR - DOMESTIC DOOR 2 - PASSENGER - SECURITY AND ACCESS CONTROL AREA - DEPARTURES CENTRAL PASSENGER SCREENING - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012913
KSI-TC- FL02-SG03- DRS010	ROLLER SHUTTER DOOR - DOMESTIC DOOR 1 - PASSENGER - SECURITY AND ACCESS CONTROL AREA - DEPARTURES CENTRAL PASSENGER SCREENING - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012993

KSI-TC- FL02-SG03- DRS011	ROLLER SHUTTER DOOR - STAFF - SECURITY AND ACCESS CONTROL AREA - DEPARTURES CENTRAL PASSENGER SCREENING - SECOND FLOOR - PASSENGER DEPARTURES - TERMINAL - CTB AREA - ACSA0012996
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**ANNEX B**

**Equipment Commissioning Dates**

	<b>Sliding doors</b>	<b>Roller Doors</b>
<b>May 2010</b>		
	May 2010	

		May 2010
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## ANNEX C

Equipment Life Span

<b>DESCRIPTION</b>	<b>Location</b>	<b>Lifespan</b>
<b>Automatic Sliding doors</b>	<b>Terminal Building</b>	<b>15 Years</b>
<b>Roller Doors</b>	<b>Terminal Building</b> <b>Maintenance Buildings</b> <b>Fire Station</b>	<b>15 Years</b>

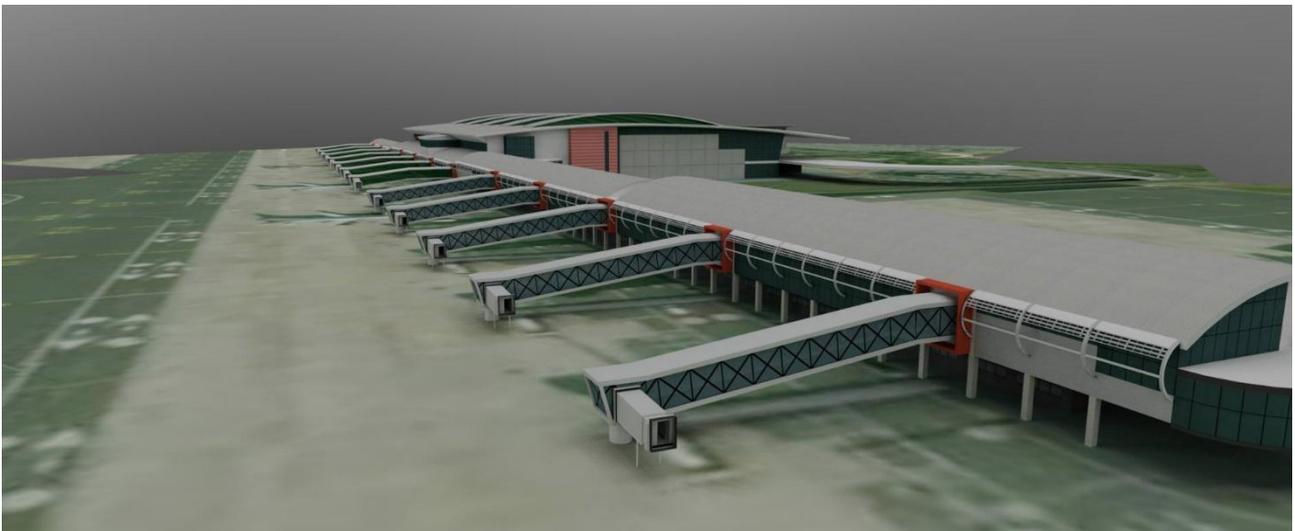
**Site Information**

**Description**

The *services* are situated inside the Terminal Building and around the precinct of King Shaka International Airport.

**General Site Conditions**

Temperature (Min - Max)	10.6°F to 27.2°F
Relative Humidity	85%
Wind	10km/h
Elevation	93 m ASL
Coordinates	29°37.0'031°6.5'E



## ANNEX E

Risk assessment

## OHS Risks

#	Department	Tenant / Sub-department	Activity / Task / Service	Risk Name	Risk Description	Control Measure Name	Control Measure Description
1	Operations: M&E	Mechanical	Sliding and Roller Doors	Occupational injuries	Working on heights	Fall protection plan	Fall arrest system (safety harness used for working on height above 2 meter).
2	Operations: M&E	Mechanical	Sliding and Roller Doors	Fire hazard, fatalities	Combustion due hydraulic oil heating up	SWP	Remove all flammable material (papers, plastic etc.) around the oil tank area
3	Operations: M&E	Mechanical	Sliding and Roller Doors	Injuries, fatalities.	Oil spillage	Procedure	ARFF department on standby if required. Contractor to have a spill containment kit to contain the spill, while ARFF is contacted through the IMCC.
4	Operations: M&E	Mechanical	Sliding and Roller Doors	Occupational injury	Flying Objects	Procedure	Eye protection must be worn (Wear of Safety Glasses). Record of receiving PPE is to be kept on file,
5	Operations: M&E	Mechanical	Sliding and Roller Doors	Fire hazard, injuries, fatalities.	Hot work conducted such as grinding, welding	Procedure	Hot work permit be issued prior commencement of work. Fire equipment to be serviceable.
6	Operations: M&E	Mechanical	Sliding and Roller Doors	Occupational injury	Tripping Hazard	Procedure	Demarcate Working Area
7	Operations: M&E	Mechanical	Sliding and Roller Doors	Injury due to Unsafe lifting equipment	Scissor lift not safe	Annual load test	Annual load test
8	Operations: M&E	Mechanical	Sliding and Roller Doors	Hearing loss	Noise generated from the aircraft	Training	Ear protection must be worn. Record of receiving PPE is to be kept on file Airside Induction Training is mandatory prior to receiving a permit to work at the airport. Refresher training is provided every 2 years thereafter.

9	Operations: M&E	Mechanical	Sliding and Roller Doors	Aircraft damage, fatalities	persons and vehicle in the airside	Training	On the job training is performed after Airside Induction Training is received.
10	Operations: M&E	Mechanical	Sliding and Roller Doors	Aircraft damage, fatalities	Moving Machinery	Training, Procedure	Airside Induction Training is mandatory prior to receiving a permit to work at the airport. Refresher training is provided every 2 years thereafter.
11	Operations: M&E	Mechanical	Sliding and Roller Doors	Occupational injuries	Hand Injury	Training, Procedure	Hand protection must be worn (gloves). Record of receiving PPE is to be kept on file. Airside Induction Training is mandatory prior to receiving a permit to work at the airport. Refresher training is provided every 2 years thereafter.
12	Operations: M&E	Mechanical	Sliding and Roller Doors	FOD injected by aircraft, property damage, injuries	Vehicle and tools on at Aprons	Procedure	Area Demarcation during work where applicable and All tools & demarcation to be removed after work
14	Operations: M&E	Mechanical	Transportation at Airside	Property damage, vehicle damage, injuries	Driving of vehicles at airside	SWP	AVOP training should be done by drivers with valid driver's license. Vehicles should be deemed serviceable or roadworthy by safety department.

### Administrative Risks

Risk Number	Risk Description
1	Safety File not being 100% compliant or safety/environmental infringement could lead to the contractor being taken off site
2	Expired COIDA letter; contractor will be taken off site.
3	Insufficient resources on site to perform the work required roster; contractor will be penalized accordingly
4	Failure to annually present a compliant Tax Clearance Certificate which is considered a material breach of the conditions of this Contract
5	Not meeting set availability target; contractor will be penalized and failing rehabilitation contract will be terminated as specified in this contract

6	Not meeting set MTTR target; contractor will be penalized and failing rehabilitation contract will be terminated as specified in this contract
7	Spares list not being updated could lead to extended equipment down times; contractor will be penalized and failing rehabilitation contract will be terminated as specified in this contract
8	Root cause analysis not performed could lead to repeated equipment failures; contractor will be penalized and failing rehabilitation contract will be terminated as specified in this contract
10	Failure to annually present compliant BEE certificate which is considered a material breach of the conditions of this Contract
11	Contract value being expended before contract expiry date; contract will be terminated
12	Contractor not giving documentation for work assessments and payment on time; Contractor will not be payed on time
13	Updated and compliant safety file regarding COVID-19 PPE and risk assessment, as per OHS and regulation.
14	Any change in the law that is reinforced as per clause X2(Changes in the law)

## ANNEX F

Estimated times for breakdowns/faults

Item #	Call description	Estimated time to repair/reset (hrs.) as logged in the ACSA system
<b>Sliding doors</b>		
1	Battery failure	0.2
2	Check door height adjustment	0.4
3	Door and glass stability	0.6
4	Door sensor failure	1
5	Drive motor failure	0.4
6	Idler pulley	0.8
7	Loss of operational program	1.35
8	Main drive belt failure	0.45
9	Stuck in closed position	2
10	Stuck in open position	0.5
11	Stuck in open position	5
12	Tormax I motion MCU board failure	2
13	Tormax I motion terminal board failure	0.7
14	Track insert/floor guide roller	0.6
15	Wheel kit damaged	2.5
16	Other: Unforeseen breakdown	2
<b>Roller Doors</b>		
1	Jammed Door	2
2	Door out of limits	1
3	Faulty Motor	2
4	Damaged Slats	2
5	Faulty Controller	1
6	No Power	1
7	Faulty Manual Override chain	1
8	Damaged Door Spring	10
9	Damaged Door	10
10	Damaged Rollers	1
11	Damaged Door Shaft	10

<b>12</b>	<b>Damaged Door Rail</b>	<b>2</b>
<b>13</b>	<b>Door Misaligned</b>	<b>1</b>
<b>14</b>	<b>Jammed Door</b>	<b>2</b>

## ANNEX G

**Service Level Agreement****1. Performance objectives**

Normal airport operational hours shall be **from 04:00 to 22:30** for every day of the year but will be confirmed/amended by the Service Manager from time to time.

**Minimum Staffing Schedule**

The Contractor must maintain the following **minimum** staff available at all times to respond to call outs and should price accordingly but not limited to the listed resources:

<b>Skill</b>	<b>Days per week</b>	<b>Hours</b>
Millwright	7	24 per day
Technician Assistant	7	24 per day

\* The Contractor must maintain at all times the above **minimum** staff and should price accordingly but not limited to the listed resources.

The Contractor must have additional resources available to attend to lengthy breakdowns or breakdowns of a specialised nature.

It shall be the Contractor's responsibility to ensure that all relevant labour and safety legislation is adhered to in scheduling staff.

**Qualification**

<b>Skill</b>	<b>Qualification</b>	<b>Experience</b>
Millwright	SAQA Accredited trade test Millwright	2 Years experience in maintenance and/or installation of industrial shutter doors
Technician Assistant	N2 Mechanical Qualification	1 Year Experience in maintenance of mechanical systems

**2. Availability, mean time before failure and mean time to repair**

The Contractor must comply with the following minimum system performance benchmarks:

\*The Period of review shall be Monthly.

Item	Benchmark*
Sliding doors Overall System - Availability	Availability must be a minimum of 99.5% per month.
Roller Doors Overall System - Availability	Availability must be a minimum of 99.5% per month.
Closure of Corrective Maintenance (CM) Work Orders (WO)	All CM WO shall be closed with 1 working day from date of issuing to contractor–(Issued by ACSA either by mail or manual collection)

**3. Emergency Response time**

ACSA deems an emergency as a situation caused by unforeseen circumstance. This is only instances where:

- ❖ Delaying to source the required goods,
- ❖ Works or services will result in Loss of life or injury,
- ❖ Reputational harm,
- ❖ Financial losses,
- ❖ Legal consequences,
- ❖ Interruption of essential or
- ❖ Business services and
- ❖ Any other relevant consideration

Below are the some of the emergencies identified but not limited to the below list

Item Description	Response Time
In a case where the equipment is Stuck, Failed or safety emergency devices activated.	Within 6 hours

**4. Guarantees**

The defect free period is defined as that period following completion of the work where no defect directly associated with the Contractors workmanship is detected.

Defect free liability period – corrective or breakdown maintenance	The defect free period will be no less than 90 days.
Defect free liability period – project work	The defect free period will be no less than 12 months.

**5. Assessments and Reviews**

- Monthly assessment/review shall be done according to this NEC contract.
- Safety issues and file reviewed quarterly or as per Safety department frequency.
- Contract shall be Audited and Assessed the from time to time.
- The contractor will be assessed and scored monthly also through the ACSA supplier development system or any other ACSA system.

**6. Low service damages**

Notification of Low service damages

The Service Manager will notify the contractor in writing of any Low service damages and any claims directed at ACSA as a result of the equipment being unavailable, **will be for the account of the Contractor**. The sources of the information shall be all reports and Audit reports which the infrastructure is subjected to (e.g. any authorised ACSA employees and any internal and external audits).

ACSA must notify the contractor in writing of its intention to claim a Low service damages within 30 days of an event or ACSA will lose its right to claim the Low service damages. Should ACSA not claim a Low service damages for an event it shall not be interpreted that the level of performance is acceptable or that ACSA shall not be entitled to claim Low service damages for similar future events. Under no circumstances shall a Low service damages be regarded as the only action ACSA may take against the Contractor or the only amount it may claim from the Contractor.

Low service damages tables

Progressive Punitive low service agreement which are entirely the contractor’s fault shall be applied as below:

Failure to resolve a fault within 24hours with spares available	R500 per day
Failure to respond to a call out within 24hours	R500 per day
Occupational health and safety act 85 of 1993 (Non-compliance with the OHS Act and its associated regulations (for example: leaving moving machinery exposed)	R2 000.00/event
Other occupational health and safety act 85 of 1993 which are criminal offences according to the OHS act	Termination
3 Months Consecutive (monthly on contract period) occupational health and safety act 85 of 1993 of the same offence/class	Termination

**Emergency Response time**

ACSA deems an emergency as a situation caused by unforeseen circumstance. This is only instances where:

- ❖ Delaying to source the required goods,
- ❖ Works or services will result in Loss of life or injury,
- ❖ Reputational harm,
- ❖ Financial losses,
- ❖ Legal consequences,
- ❖ Interruption of essential or
- ❖ Business services and
- ❖ Any other relevant consideration

Below are the some of the emergencies identified but not limited to the below list

Item Description	Response Time	
In a case where the equipment has failed and is causing a disruption to operations	6 hours during normal	R1000.00/event if response time is not met

Discretionary annual contractor’s performance review/assessment will be performed to consider the renewal of contract. Should the contractor’s performance deemed below satisfactory the contract will not be renewed upon contract anniversary, therefore the contract will be terminated. (Not Applicable to this contract)

**ANNEX H**

**OCCUPATIONAL HEALTH AND SAFETY AGREEMENT  
IN TERMS OF SECTION 37(2) OF THE OCCUPATIONAL HEALTH & SAFETY ACT (ACT 85 Of 1993) &  
CONSTRUCTION REGULATION 5.1(k)**

This form is in C1.3 in this contract and must be filled in by the contractor

## ANNEX I

## Minimum Maintenance Program

## SLIDING DOORS

Description	Frequency
Check overall operation	6 monthly
Check door alignment	6 monthly
Check door movement	6 monthly
Check door play	6 monthly
Check door studs for tightness	6 monthly
Check general condition of door	6 monthly
Check door hanger trolley wheel for wear	6 monthly
Check thrust roller adjustment	6 monthly

Check motor belt condition and tension	6 monthly
Check door drive belt and tension	6 monthly
Check idler condition	6 monthly
Check hanger drive to drive belt fixing	6 monthly
Check all electrical connections	6 monthly
Recalibrate opening and closing distances	6 monthly
Clean all functions on control panel	6 monthly
Check opening and closing speed	6 monthly
Record number of operations	6 monthly
Check safety sensors activation within 10mm of each side of the door	6 monthly
Check safety beam is secure and functioning correctly	6 monthly
Check door electronic reversing	6 monthly
Bearings on motors and end pulley for smooth running	6 monthly
Lock nut for adjustments	6 monthly
V belts for wear and tension	6 monthly
Rails for cleanliness	6 monthly
Wiring for any loose wires	6 monthly
Inside and outside sensors for range and sensitivity	6 monthly
Speed and hold open pods for proper settings	6 monthly
Electric locks for proper operation	6 monthly
Alignment of the doors	6 monthly
Alignment of safety beams and working condition	6 monthly
Drive control unit	6 monthly
Motor	6 monthly
Check all function on program selector	6 monthly

### ROLLER DOORS

Description	Frequency
<b>Laths and Endlocks</b>	
Check all laths for damage, especially at ends. Replace or resecure damaged end locks.	Annually
Check for alignment of bottom lath. If there is a rubber seal on bottom lath, check for deterioration.	Annually
Check that curtain runs freely	Annually
<b>Channels</b>	
Check for damage. Remove old, compacted grease and regrease.	Annually
Check that curtain runs freely within channel.	Annually
<b>Roller</b>	
Check that it turns freely by operating shutter. Check that bearings are running freely and are not damaged.	Annually
Oil bearings.	Annually
<b>Gears/Drive Chain</b>	
Check for free operation, wear or breakage and alignment	Annually
<b>Motor</b>	
Check operation.	Annually
<b>Chain</b>	
For manual hand chain shutters, check that hand chain is present and that it operates.	Annually
For electrically operated shutters check that manual override system operates	Annually
<b>Fusible Link (Fire Shutter Doors)</b>	
Remove Fusible link and check for controlled decent. Replace Fusible link afterwards and reset shutter.	Annually
Check that door stops automatically when it reaches the top or bottom of its cycle. Reset limit if necessary.	Annually
Check for wear	Annually
<b>Balance of springs</b>	
Check balance (charge) and adjust as necessary	Annually

## **General Safety Precautions**

- The operator of any motorised shutter must ensure that the line of travel is clear and that no persons are standing under the shutter.
- Control devices for electric motors are of a deadman type, do not override this system.
- Fire shutters should be regularly maintained.
- Avoid painting near the mechanisms of a fire shutter as this could interfere with the door closing.
- Avoid blocking fire doors with obstacles.
- When lifting manual shutters use safe lifting techniques.
- Maintenance / repairs should only be carried out by trained and experienced personnel.

**ANNEX J (Contractor to fill in)**

**ACSA SERVICE & MAINTENANCE CONTRACTORS  
ENVIRONMENTAL TERMS AND CONDITIONS TO COMMENCE WORK - EMS 048**

The following Environmental Terms and Conditions shall be strictly adhered to by all contractors when conducting works for the Employer. The Employer shall audit Contractor activities, products and services on an ad hoc basis to ensure compliance to these environmental conditions. Any pollution clean-up costs shall be borne by the Contractor.

<b>ISSUE</b>	<b>REQUIREMENT</b>
<b>Environmental Policy</b>	ACSA's (the Employer's) Environmental Policy shall be communicated, comprehended and implemented by all appointed Contractor staff.
<b>Storm water, Soil and Groundwater Pollution</b>	<ul style="list-style-type: none"> <li>• No solid or liquid material may be permitted to contaminate or potentially contaminate storm water, soil or groundwater resources.</li> <li>• Any pollution that risks contamination of these resources must be cleaned-up immediately. Spills must be reported to the Employer immediately. Contractors shall supply their own suitable clean-up materials where required.</li> <li>• Washing, maintenance and refuelling of equipment shall only be allowed in designated service areas on the Employer property. It is the Contractor's responsibility to determine the location of these areas.</li> <li>• No leaking equipment or vehicles shall be permitted on the airport.</li> </ul>
<b>Air Pollution</b>	<ul style="list-style-type: none"> <li>• Dust: Dust resulting from work activities that could cause a nuisance to employees or the public shall be kept to a minimum.</li> <li>• Odours and emissions: All practical measures shall be taken to reduce unpleasant odours and emissions generated from work related activities.</li> <li>• Fires: No open fires shall be permitted on site.</li> </ul>
<b>Noise Pollution</b>	<ul style="list-style-type: none"> <li>• All reasonable measures shall be taken to minimize noise generated on site due to work operations.</li> <li>• The Contractor shall comply with the applicable regulations regarding noise.</li> </ul>
<b>Waste Management</b>	<ul style="list-style-type: none"> <li>• Waste shall be separated as general or hazardous waste.</li> </ul>

	<ul style="list-style-type: none"> <li>• General and hazardous waste shall be disposed of appropriately at a permitted landfill site should recycling or re-use of waste not be feasible.</li> <li>• Under no circumstances shall solid or liquid waste be dumped, buried or burnt.</li> <li>• Contractors shall maintain a tidy, litter free environment always in their work area.</li> <li>• Contractors must keep on file:             <ol style="list-style-type: none"> <li>1. The name of the contracting waste company</li> <li>2. Waste disposal site used</li> <li>3. Monthly reports on quantities – separated into general, hazardous and recycled</li> <li>4. Maintained file of all Waste Manifest Documents and Certificates of Safe Disposal</li> <li>5. Copy of waste permit for disposal site</li> </ol> </li> </ul> <p>This information must be available during audits and inspections.</p>
<b>Handling &amp; Storage of Hazardous Chemical Substances (HCS)</b>	<ul style="list-style-type: none"> <li>• All HCS shall be clearly labelled, stored and handled in accordance with Materials Safety Data Sheets.</li> <li>• Materials Safety Data Sheets shall be stored with all HCS.</li> <li>• All spillages of HCS must be cleaned-up immediately and disposed of as hazardous waste. (HCS spillages must be reported to the Employer immediately).</li> <li>• All contractors shall be adequately informed with regards to the handling and storage of hazardous substances.</li> <li>• Contractors shall comply with all relevant national, regional and local legislation regarding the transport, storage, use and disposal of hazardous substances.</li> </ul>
<b>Water and Energy Consumption</b>	the Employer promotes the conservation of water and energy resources. The Contractor shall identify and manage those work activities that may result in water and energy wastage.
<b>Training &amp; Awareness</b>	The conditions outlined in this permit shall be communicated to all contractors and their employees prior to commencing works at the airport.

### Low Service Damages

Low service damages shall be imposed by the Employer on Contractors who are found to be infringing these requirements and/or legislation. The Contractor shall be advised in writing of the nature of the infringement and the amount of the low service damages to be imposed. The Contractor shall take the necessary steps (e.g. training/remediation) to prevent a recurrence of the infringement and shall advise the Employer accordingly. The Contractor is also advised that the imposition of low service damages does not replace any legal proceedings the Council, authorities, landowners and/or members of the public may institute against the Contractor.

Low service damages shall be between R 200.00 and R 20,000.00, depending upon the severity of the infringement. The decision on how much low service damages to impose will be made by ACSA's (the Employer) Airport Environmental Management Representative in consultation with the Airport Manager or his/her designate

and will be final. In addition to the low service damages, the Contractor shall be required to make good any damage caused due to the infringement at his/her own expense.

I, \_\_\_\_\_ (name & surname) of \_\_\_\_\_

\_\_\_\_\_ (company) agree to the above conditions and acknowledge the Employer's right to impose low service damages should I or any of my employees or sub-contractors fail to comply with these conditions.

Signed: \_\_\_\_\_ on this date: \_\_\_\_\_ (dd/mm/yyyy)

at: \_\_\_\_\_ (airport name).

**ANNEX K**

Spares List

Part Description	Manufacturer	Part Number	Recommended Quantity
Sliding door collision sensor	Tormax		2
Sliding door floor guide rollers	Tormax		4
Sliding door drive belt	Tormax		1 of each size
Sliding door drive motor	Tormax	TID 414404	1
Sliding door control board	Tormax		1

**ANNEX L**ACSA maintenance procedure

- Available upon request from the ACSA service manager

**ANNEX M**

Sliding doors, Roller doors – standard operating procedure

Available upon Request from the ACSA service manager

**ANNEX N**

Electrical lockout procedure

Available upon Request from the ACSA service manager

King Shaka International Airport Equipment Operation Manuals

**ANNEX O**

Available upon Request from the ACSA service manager

Fire Emergency procedure

**ANNEX P**

Available upon Request from the ACSA service manager

**ANNEX Q**

ACSA IMC procedure for call out and work orders

Available upon Request from the ACSA service manager

## ANNEX R

Internal and external factors

Below is a list of internal and external factors which may affect equipment availability and are beyond the contractor's control:

	Type	Comment
External resources	Utilities <ul style="list-style-type: none"> <li>•Water</li> <li>•Electricity</li> <li>•Gas</li> <li>•IT Support and other interfaces outside the contractor battery limit</li> </ul>	-No impact to reliability/Maintainability. -It Impact on availability from operations view
External causes	<ul style="list-style-type: none"> <li>•Outside Operating conditions/parameters</li> <li>•Operator fault/incorrect operation, consider shifting the risk to the Service provider by giving him responsibility to support Operations/Operators</li> <li>•Damage by others(users and Third parties) i.e. Elevator doors</li> <li>•Incorrect use</li> <li>•Foreign material in system</li> </ul>	-No impact to reliability/Maintainability. -Impact on availability from operations view This are some of the occurrences that may not be considered the Normal Operating conditions
Other	<ul style="list-style-type: none"> <li>•Lack of information/Drawings</li> <li>•Lack of access due to no fault of the contractor after they have requested access timeously</li> <li>•Equipment's under Projects</li> <li>•Other factors that can be proven that was beyond the contractor's fault</li> </ul>	
Spares	Availability of spares (if the spares are not under the control of the Service provider to the limit of the budget)	-Affect Maintainability

	<p>Typically: It is the responsibility of the Client to ensure adequate administration and re-order spares timely, It is the responsibility of the service provider to ensure that the stores administration is done and minimum stock levels are adhered to, the request to buy spare are replenished are done on time intime</p>	<p>No impact on service provider.</p> <p>The Risk is not sitting with a single owner</p>
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ANNEX S

ACSA Mechanical Standardised Minimum: legal requirements and minimum competency requirements

Infrastructure	Classification	Procedure and/or other legislative references (Gazetted Standards or OHS Regulations)	ACSA Procedure Number	Issue Date as on Policy Document Store	Minimum Qualifications/Registrations of Key resources	Experience of key resources	Legislative registrations for Companies	Minimum Technical equipment/Tools	Cost per year	Fixed %	Variable %	Contract Period
Roller Shutter Doors	Supporting	Maintenance of doors	D080 007M	06 March 2013	<ul style="list-style-type: none"> <li>SAQA Accredited trade test (Fitter/Millwrights)</li> <li>Any OHS Training certificate</li> </ul>	<ul style="list-style-type: none"> <li>2 yrs experience in the maintenance of industrial shutter doors</li> <li>2 yrs experience in OHS</li> <li>2 Yrs supervisory experience</li> </ul>	<ul style="list-style-type: none"> <li>CIDB registration in category ME</li> </ul>	toolbox sets	R1 054 500	72.12%	27.88%	3
					SAQA Accredited trade test Millwright	<ul style="list-style-type: none"> <li>2 Yrs experience in maintenance and installation of industrial shutter doors</li> </ul>		Lifting equipment				
					Mechanical N2	<ul style="list-style-type: none"> <li>1 Yr experience in maintenance of mechanical systems</li> </ul>		Ladders				
								Harness				
Automatic Sliding Doors	Supporting	Maintenance of doors	D080 007M	06 March 2013	<ul style="list-style-type: none"> <li>SAQA Accredited trade test (Fitter/Millwrights)</li> <li>Any OHS Training certificate</li> </ul>	<ul style="list-style-type: none"> <li>2 yrs experience in the maintenance of industrial shutter doors</li> <li>2 yrs experience in OHS</li> <li>2 Yrs supervisory experience</li> </ul>	<ul style="list-style-type: none"> <li>CIDB registration in category ME</li> </ul>	Sky jack				
					SAQA Accredited trade test Millwright	<ul style="list-style-type: none"> <li>2 Yrs experience in maintenance and installation of industrial shutter doors</li> </ul>		Step ladders				
					Mechanical N2	<ul style="list-style-type: none"> <li>1 Yr experience in maintenance of mechanical systems</li> </ul>						
<a href="#">Contract Landscape</a> 												

**ANNEX T**

ACSA Inventory procedure

Available upon Request from the ACSA service manager

**ANNEX F**

**POPIA ANNEXURE:**

## CONFIDENTIALITY AND DATA PROTECTION

Save as provided in this clause (*Confidentiality and Data Protection*), each Party shall, and shall procure that its Affiliate and their respective officers, directors, employees, agents, auditors and advisors shall, treat as confidential all information relating to the other Party or its Affiliates thereof or relating to their respective businesses that is of a confidential nature and which is obtained by that Party in terms of, or arising from the implementation of this Agreement, which may become known to it by virtue of being a Party, and shall not reveal, disclose or authorise the disclosure of any such information to any third party or use such information for its own purpose or for any purposes other than those related to the implementation of this Agreement.

The obligations of confidentiality in this clause shall not apply in respect of the disclosure or use of such information in the following circumstances:

in respect of any information which is previously known by such Party (other than as a result of any breach or default by any Party or other person of any agreement by which such Confidential Information was obtained by such Party);

in respect of any information which is in the public domain (other than as a result of any breach or default by either Party);

any disclosure to either Party's professional advisors, executive staff, board of directors or similar governing body who (i) such Party believes have a need to know such information, and (ii) are notified of the confidential nature of such information and are bound by a general duty of confidentiality in respect thereof materially similar to that set out herein;

any disclosure required by law or by any court of competent jurisdiction or by any regulatory authority or by the rules or regulations of any stock exchange;

any disclosure made by a Party made in accordance with that Party's pursuit of any legal remedy;

any disclosure by a Party to its shareholders or members pursuant to any reporting obligations that Party may have to its shareholders or members,

provided that each such shareholder or member is notified of the confidential nature of such information and is bound by a general duty of confidentiality in respect thereof materially similar to that set out herein;

In the event that a Party is required to disclose confidential information as contemplated in this clause, such Party will:

advise any Party/ies in respect of whom such information relates (the "**Relevant Party/ies**") in writing prior to disclosure, if possible;

take such steps to limit the disclosure to the minimum extent required to satisfy such requirement and to the extent that it lawfully and reasonably can;

afford the Relevant Party/ies a reasonable opportunity, if possible, to intervene in the proceedings;

comply with the Relevant Party/ies' reasonable requests as to the manner and terms of such disclosure; and

notify the Relevant Party/ies of the recipient of, and the form and extent of, any such disclosure or announcement immediately after it was made.

Either Party may, by notice in writing, be entitled to demand the prompt return of the whole or any part of any confidential information supplied by it to the other Party, and each Party hereby undertakes to comply promptly with any such demand.

In line with the provisions of Protection of Personal Information Act, No 4 of 2013 (POPIA), particularly section 20 and 21, the service provider (referred to as Operator in POPIA) shall observe the following principles when processing personal information on behalf of the Company (referred to as Responsible Party in POPIA):

the Service Provider shall only act on the Company's documented instructions, unless required by law to act without such instructions;

the Service Provider shall ensure that its representatives processing the information are subject to a duty of confidence;

the Service Provider shall take appropriate measures to ensure the security of processing. The Service Provider shall ensure and hereby warrants that they have minimum IT and or physical security safeguard to protect personal information;

the Service Provider shall notify the Company immediately where there are reasonable grounds to believe that the personal information of a data subject has been accessed or acquired by any unauthorised person;

the Service Provider shall only engage a sub-operator with the Company's prior authorisation and under a written contract;

the Service Provider shall take appropriate measures to help the Company respond to requests from data subjects to exercise their rights;

taking into account the nature of processing and the information available, the Service Provider shall assist the Company in meeting its POPIA obligations in relation to the security of processing, the notification of personal information breaches and data protection impact assessments;

the Service Provider shall delete or return all personal information to the Company (at the Company's choice) at the end of the contract, and the service provider shall also delete existing personal information unless the law requires its storage; and

the Service Provider shall submit to audits and inspections. The Service Provider shall also give the Company whatever information it needs to ensure that the Parties meet their Section 20(1) obligations.

## 1. SIGNATURES

**FOR AIRPORTS COMPANY SOUTH AFRICA**

THUS DONE AND SIGNED AT \_\_\_\_\_ ON THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 2022.

\_\_\_\_\_

**FOR SERVICE PROVIDER**

THUS DONE AND SIGNED AT \_\_\_\_\_ ON THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 2022.

\_\_\_\_\_

