



AIRPORTS COMPANY  
SOUTH AFRICA

## NEC3 Engineering and Construction

# Short Contract (ECSC3)

A contract between **AIRPORTS COMPANY SOUTH AFRICA SOC LIMITED**  
Applicable at Cape Town International Airport  
(Reg No. 1993/004149/30)

and

for **PAPI's VERIFICATION AND CALIBRATION AT CAPE  
TOWN INTERNATIONAL AIRPORT (CTIA) FOR A PERIOD  
OF 3 YEARS**

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# C1 Agreements & Contract Data

## C1.1 Form of Offer and Acceptance

### Offer

The Employer, identified in the Acceptance page signature block on the next page, has solicited offers to enter into a contract for the:

### **PAPI's VERIFICATION AND CALIBRATION AT CAPE TOWN INTERNATIONAL AIRPORT (CTIA) FOR A PERIOD OF 3 YEARS**

The tenderer, identified in the signature block below, having examined the documents listed in the Tender Data and addenda thereto as listed in the Tender Schedules, and by submitting this Offer has accepted the Conditions of Tender.

By the representative of the tenderer, deemed to be duly authorised, signing this part of this Form of Offer and Acceptance the tenderer offers to perform all of 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.

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

This Offer may be accepted by the Employer by signing the form of Acceptance overleaf and returning one copy of this document including the Schedule of Deviations (if any) to the tenderer before the end of the period of validity stated in the Tender Data, or other period as agreed, whereupon the tenderer becomes the party named as the Contractor in the conditions of contract identified in the Contract Data.

Signature(s)

Name(s)

Capacity

**For the  
tenderer:**

*(Insert name and address of organisation)*

Name &  
signature of  
witness

Date

Tenderer's CIDB registration number (if applicable)

## Acceptance

By signing this part of this Form of Offer and Acceptance, the Employer identified below accepts the tenderer'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 tenderer's Offer shall form an Agreement between the Employer and the tenderer 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 1 Agreements and Contract Data, (which includes this Form of Offer and Acceptance)
- Part 2 Pricing Data
- Part 3 Scope of Work: Works Information
- Part 4 Site Information

and drawings and documents (or parts thereof), which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Tender Schedules as well as any changes to the terms of the Offer agreed by the tenderer and the Employer during this process of Offer and Acceptance, are contained in the Schedule of Deviations attached to and forming part of this Form of Offer and Acceptance. No amendments to or deviations from said documents are valid unless contained in this Schedule, which must be signed by the duly authorised representative(s) for both parties.

The tenderer shall within one week of 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 securities, bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of contract identified in the Contract Data at, or just after, the date this Agreement comes into effect. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this Agreement.

Unless the tenderer (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.

Signature(s)

Name(s)

Capacity

**for the  
Employer**

Name &  
signature of  
witness

Date

(Insert name and address of organisation)

**Note:** If a tenderer wishes to submit alternative tender offers, further copies of this document may be used for that purpose, duly endorsed, 'Alternative Tender No. \_\_\_\_\_'

## Schedule of Deviations

Note:

1. To be completed by the Employer prior to award of contract. This part of the Offer & Acceptance would not be required if the contract has been developed by negotiation between the Parties and is not the result of a process of competitive tendering.
2. The extent of deviations from the tender documents issued by the Employer prior to the tender closing date is limited to those permitted in terms of the Conditions of Tender.
3. A tenderer's covering letter must not be included in the final contract document. Should any matter in such letter, which constitutes a deviation as aforesaid be the subject of agreement reached during the process of Offer and Acceptance, the outcome of such agreement shall be recorded here and the final draft of the contract documents shall be revised to incorporate the effect of it.

No.	Subject	Details
1		
2		
3		
4		
5		
6		
7		

By the duly authorised representatives signing this Schedule of Deviations below, the Employer and the tenderer agree to and accept this Schedule of Deviations as the only deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Tender Schedules, as well as any confirmation, clarification or changes to the terms of the Offer agreed by the tenderer and the Employer during this process of Offer and Acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the tenderer of a completed signed copy of this Form shall have any meaning or effect in the contract between the parties arising from this Agreement.

### For the tenderer:

### For the Employer

Signature	.....	.....
Name	.....	.....
Capacity	.....	.....
On behalf of	<i>(Insert name and address of organisation)</i>	<i>(Insert name and address of organisation)</i>
Name & signature of witness	.....	.....
Date	.....	.....

## C1.2 Contract Data

### Data provided by the *Employer*

Completion of the data in full is essential to create a complete contract.

Clause	Statement	Data
<b>General</b>		
10.1	The <i>Employer</i> is (Name):	<b>Airports Company South Africa SOC Limited (reg no: 1993/004149/30), a juristic person incorporated in terms of the company laws of the Republic of South Africa</b>
	Address	<b>Registered office at Private Bag X9002 ACSA Southern Office Block Cape Town International Airport 7525</b>
	Tel No.	<b>021 937 1200</b>
	Fax No.	
	E-mail address	<b>Fulu.Rathogwa@airports.co.za</b>
11.2(11)	The <i>works</i> are	<b>PAPI's VERIFICATION AND CALIBRATION AT CAPE TOWN INTERNATIONAL AIRPORT (CTIA) FOR A PERIOD OF 3 YEARS</b>
11.2(13)	The Works Information is in	<b>the document called 'Works Information' in Part 3 of this contract.</b>
11.2(12)	The Site Information is in	<b>the document called 'Site Information' in Part 4 of this contract.</b>
11.2(12)	The <i>site</i> is	<b>Cape Town International Airport</b>
30.1	The <i>starting date</i> is.	<b>Upon signing of the contract by ACSA</b>
11.2(2)	The <i>completion date</i> is.	<b>36 months after the Starting Date</b>
13.2	The <i>period for reply</i> is	<b>3 days</b>
40	The <i>defects date</i> is	<b>10 weeks after Completion</b>
41.3	The <i>defect correction period</i> is	<b>2 weeks</b>
50.1	The <i>assessment day</i> is the	<b>25<sup>th</sup> of each month.</b>
50.5	The <i>delay damages</i> are	<b>R3000 per day</b>
50.6	The retention is	<b>5%</b>
51.2	The interest rate on late payment is	<b>0%</b>

80.1	The <i>Contractor</i> is not liable to the <i>Employer</i> for loss of or damage to the <i>Employer's</i> property in excess of	<b>R0</b>
82.1	The <i>Employer</i> provides this insurance	<b>R0</b>
82.1	The minimum amount of cover for the third insurance stated in the Insurance Table is:	<b>Refer to Clause C1.3</b>
82.1	The minimum amount of cover for the fourth insurance stated in the Insurance Table 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 R0 (Zero Rands)</b>
	Does the United Kingdom Housing Grants, Construction and Regeneration Act (1996) apply?	<b>No</b>
93.1	The <i>Adjudicator</i> is (Name)	
	Address	<b>Johannesburg, South Africa</b>
	Tel No.	
	Fax No.	
	e-mail	
93.2(2)	The <i>Adjudicator nominating body</i> is:	<b>The Chairman of the Johannesburg Society of Advocates, or his successor or his nominee. .</b>
93.4	The <i>tribunal</i> is:	<b>arbitration.</b>
	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>Cape Town South Africa</b>
	The person or organisation who will choose an arbitrator	
	- if the Parties cannot agree a choice or	<b>the Chairman for the time being or his nominee</b>
	- if the arbitration procedure does not state who selects an arbitrator, is	<b>of the Association of Arbitrators (Southern Africa) or its successor body.</b>
	<b>The conditions of contract are the NEC3 Engineering and Construction Short Contract (April 2013) and the following additional conditions:</b>	
<b>Z</b>	<b>The <i>Additional conditions of contract</i> are Z1 – Z17</b>	

### Amendments to the Core Clauses

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**Z1 Interpretation of the law**

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**Z1.1 Add to core clause 12.3:**  
Any extension, concession, waiver or relaxation of any action stated in this contract by the Parties, the *Project Manager*, the *Supervisor*, 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.

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**Z3 Other responsibilities:**

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**Z4 Extending the defects date:**

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**Z4.1 Add the following as a new clause 42.5:**  
If the *Employer* cannot use the *works* due to a Defect, which arises after Completion and before the *defects date*, the *defects date* is delayed by a period equal to that during which the *Employer*, due to a Defect, is unable to use the *works*.

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**Z4.2** If part of the *works* is replaced due to a Defect arising after Completion and before the *defects date*, the *defects date* for the part of the *works* which is replaced is delayed by a period equal to that between Completion and the date by when the part has been replaced.

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**Z4.3** The *Project Manager* notifies the *Contractor* of the change to a *defect date* when the delay occurs. The period between Completion and an extended *defects date* does not exceed twice the period between Completion and the *defects date* stated in the Contract Data.

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**Z5 Termination**

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**Z5.1 Add the following to core clause 90.2, after the words “or its equivalent”:** “or business rescue proceedings are initiated, or steps are taken to initiate business rescue proceedings”.

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**Additional Z Clauses**

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**Z6 Cession, delegation and assignment**

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**Z6.1** 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 not) of the *Contractor*.

**Z6.2** The *Employer* may cede and delegate its rights and obligations under this contract to any person or entity.

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**Z7 Joint and several liability**

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**Z7.1** 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 the Contract.

**Z7.2** The *Contractor* shall, within 1 week of the Contract Date, notify the *Project Manager* and the *Employer* of the key person who has the authority to bind the *Contractor* on their behalf.

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**Z7.3** 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*.

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**Z8 Ethics**

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<b>Z8.1</b>	The <i>Contractor</i> undertakes:
<b>Z8.1.1</b>	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;
<b>Z8.1.2</b>	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 <i>Employer</i> is subject, including but not limited to the Prevention and Combating of Corrupt Activities Act, 12 of 2004.
<b>Z8.2</b>	The <i>Contractor's</i> breach of this clause constitutes grounds for terminating the <i>Contractor's</i> obligation to Provide the Works or taking any other action as appropriate against the <i>Contractor</i> (including civil or criminal action). However, lawful inducements and rewards shall not constitute grounds for termination.
<b>Z8.3</b>	If the <i>Contractor</i> 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, gratuity, commission or benefits of any kind, which are in any way whatsoever in connection with the contract with the <i>Employer</i> , the <i>Employer</i> 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.
<b>Z9</b>	<b>Confidentiality</b>
<b>Z9.1</b>	All information obtained in terms of this contract or arising from the implementation of this contract shall be treated as confidential by the <i>Contractor</i> 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 <i>Project Manager</i> or the <i>Employer</i> , which consent shall not be unreasonably withheld.
<b>Z9.2</b>	If the <i>Contractor</i> is uncertain about whether any such information is confidential, it is to be regarded as such until otherwise notified by the <i>Project Manager</i> .
<b>Z9.3</b>	This undertaking shall not apply to –
<b>Z9.3.1</b>	Information disclosed to the employees of the <i>Contractor</i> for the purposes of the implementation of this agreement. The <i>Contractor</i> undertakes to procure that its employees are aware of the confidential nature of the information so disclosed and that they comply with the provisions of this clause;
<b>Z9.3.2</b>	Information which the <i>Contractor</i> is required by law to disclose, provided that the <i>Contractor</i> notifies the <i>Employer</i> prior to disclosure so as to enable the <i>Employer</i> to take the appropriate action to protect such information. The <i>Contractor</i> 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;
<b>Z9.3.3</b>	Information which at the time of disclosure or thereafter, without default on the part of the <i>Contractor</i> , enters the public domain or to information which was already in the possession of the <i>Contractor</i> at the time of disclosure (evidenced by written records in existence at that time);
<b>Z9.4</b>	The taking of images (whether photographs, video footage or otherwise) of the <i>works</i> or any portion thereof, in the course of Providing the Works and after Completion, requires the prior written consent of the <i>Project Manager</i> . All rights in and to all such images vests exclusively in the <i>Employer</i>
<b>Z9.5</b>	The <i>Contractor</i> ensures that all his Subcontractors abide by the undertakings in this clause.
<b>Z10</b>	<b>Employer's Step-in rights</b>

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**Z10.1** If the *Contractor* defaults by failing to comply with his obligations and fails to remedy such default within 2 weeks of the notification of the default by the *Project Manager*, the *Employer*, without prejudice to his other rights, powers and remedies under the contract, may remedy the default either himself or procure a third party (including any subcontractor or supplier of the *Contractor*) to do so on his behalf. The reasonable costs of such remedial works shall be borne by the *Contractor*

**Z10.2** 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 *Project Manager* to achieve this end.

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**Z11 Liens and Encumbrances**

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**Z11.1** The *Contractor* keeps the Equipment used to Provide the Services 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 procures 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

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**Z12 Intellectual Property**

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**Z12.1** Intellectual Property (“IP”) rights means all rights in and to any patent, design, copyright, trademark, trade name, trade secret or other intellectual or industrial property right relating to the Works.

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**Z12.2** IP rights remain vested in the originator and shall not be used for any reason whatsoever other than carrying out the *works*.

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**Z12.3** The *Contractor* gives the *Employer* an irrevocable, transferrable, non-exclusive, royalty free licence to use and copy all IP related to the *works* for the purposes of constructing, repairing, demolishing, operating, and maintaining the works

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**Z12.4** 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

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**Z12.5** 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:

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**Z12.5.1** the *Contractor’s* design, manufacture, construction or execution of the Works

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**Z12.5.2** the use of the *Contractor’s* Equipment, or

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**Z12.5.3** the proper use of the Works.

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**Z12.6** 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.

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**Z13 Dispute resolution:**

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**Z13.1 Appointment of the Adjudicator**

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An *Adjudicator* is appointed when a dispute arises, from the Panel of Adjudicators below. The referring party nominates an Adjudicator, which nomination is either accepted or rejected by the other party. In the instance of a rejection of the nominated *Adjudicator*, the referring Party refers the appointment deadlock to the Chairman of the Johannesburg Bar Council, who appoints an *Adjudicator* listed in the Panel of Adjudicators below

The Parties appoint the *Adjudicator* under the NEC3 Adjudicator's Contract, April 2013

#### Panel of Adjudicators

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>

### Z13.2 Appointment of the Arbitrator

An *Arbitrator* is appointed when a dispute arises from the Panel of Arbitrators below. The referring party nominates an Arbitrator, which nomination is either accepted or rejected by the other party. In the instance of a rejection of the nominated *Arbitrator*, the referring Party refers the appointment deadlock to the Chairman of the Johannesburg Bar Council, who appoints an *Arbitrator* listed in the Panel of *Arbitrators* below

#### Panel of Arbitrators

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>

### Z14 Notification of a compensation event

- Z14.1** Delete "eight weeks" in clause 61.3 and replace with "four weeks". Delete the words "unless the event arises from the Project Manager or the Supervisor giving an instruction, issuing a certificate, changing an earlier decision or correcting an assumption."

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**Z15**      **BBBEE and Tax Clearance  
Certificates**

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**Z15.1**      The *Contractor* shall be expected to annually present a compliant BEE and Tax Clearance Certificate. Failure to do adhere to these requirements shall be considered a material breach of the conditions of this Contract, the sanction for which may be a cancellation of this Contract.

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**Z16**      **Communication**

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**Z16.1**      **Add a new Core Clause** 14.5 and 14.6 to read as follows:  
The *Project Manager* requires the written consent of the Employer if an action will result in a change to the design, scope, and Works information that is 5% or more

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**Z16.2**      The *Project Manager* requires the written consent of the Employer if an action will result in the Completion Date being extended by more than 30 days.

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**Z17**      **Delegation**

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As stipulated by Section 37(2) of the Occupational Health and Safety Act No. 85 of 1993 as amended the *Contractor* agrees to the following:

**Z17.1**      As part of this contract the *Contractor* acknowledge that it (mandatory) is an employer in its own right with duties as prescribed in the Occupational Health and Safety Act No 85 of 1993 as amended and agree to ensure that all work being performed, or Equipment, Plant and Materials being used, are in accordance with the provisions of the said Act, and in particular with regard to the Construction Regulations

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## Data provided by the Contractor (the Contractor's Offer)

The tendering contractor is advised to read both the NEC3 Engineering and Construction Short Contract (April 2013) and the relevant parts of its Guidance Notes (ECSC3-GN) in order to understand the implications of this Data which the tenderer is required to complete. An example of the completed Data is provided on page 26 of the ECSC3 Guidance Notes.

Completion of the data in full is essential to create a complete contract.

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10.1	The Contractor is (Name): Address Tel No. Fax No. E-mail address	
63.2		
63.2	The percentage for overheads and profit added to other Defined Cost is	10%
11.2(9)	The Price List is in	the document called 'Price List' in Part 2 of this contract.
11.2(10)	The offered total of the Prices is	R[•] excluding VAT [in words] [•] excluding VAT

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## **C1.3 INSURANCE**

The successful bidder must source the following insurance cover, which is the deductible in the ACSA insurance cover:

- Aviation liability insurance cover for an indemnity limit not less than R300 000 (three hundred thousand rands).
- Submit proof of insurance to ACSA before the work starts, and annually for the duration of the project.



## C2 Pricing Data

### C2.1 Pricing assumptions

Following is further to Pricing Instructions provided in the tender document:

Entries in the first four columns in the Price List 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 tenderer enters the amount in the Price column only; the Unit, Quantity and Rate columns being left blank.

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

All Prices are to be shown excluding VAT unless instructed otherwise by the *Employer* in Tender Data or in an instruction the *Employer* has given before the tenderer enters his Prices.

If there is insufficient space in the Price List which follows, state in which document the Price List is contained.



**AIRPORTS COMPANY**  
SOUTH AFRICA

## C2.2 Price List

Price must include all materials, labour, travel, overheads etc to complete the works.

### Preventative maintenance

No.	Item	Frequency	Qty	Unit Price (R)	Total (R)
1	01 Left PAPI Verification	Bi-weekly	2		
2	01 Right PAPI Verification	Bi-weekly	2		
3	19 Left PAPI Verification	Bi-weekly	2		
4	16 Left PAPI Verification	Bi-weekly	2		
5	34 left PAPI Verification	Bi-weekly	2		
<b>Total Cost Part 1: Preventative Maintenance Excl. VAT</b>				<b>R</b>	

No.	Item	Frequency	Qty	Unit Price (R)	Total (R)
1	01 Left PAPI calibration	Quarterly	4 x p/year		
2	01 Right PAPI calibration	Quarterly	4 x p/year		
3	19 Left PAPI calibration	Quarterly	4 x p/year		
4	16 Left PAPI calibration	Quarterly	4 x p/year		
5	34 left PAPI calibration	Quarterly	4 x p/year		
<b>Total Cost Part 1: Preventative Maintenance Excl. VAT</b>				<b>R</b>	

### Note:

- Includes: 1 x Vehicle cost; Administration costs; Telephone cost for site team; stationary; training for upkeep of valid certifications; OHS Requirement for safety file validity; and/or other cost pertaining to running the contract over and the above list of works.
- Site Supervisor monitors the work and provides technical reports on major incidents and maintenance progress reports.
- Electrician and Electrical assistant required for inspections, maintenance and compliance, calibration and verification of both 01 PAPI, 19 PAPI, 16 PAPI and 34 PAPI
- Pricing for personal is for 3 staff members as per the staff requirement list.
- Monthly checks and complete Work order.
- Inspection of the PAPI's structure
- Verification and calibration
- Repair of the secondary cables from the secondary transformer
- Submit bi-monthly PAPI's report to ACSA
- The period for PAPI verification should be only 12 months, with providing ACSA staff with training on how verification should be carried out.

### Labour Rates and Mark-up



**AIRPORTS COMPANY**  
SOUTH AFRICA

Any works Outside the scope of the contract as per will be charged at the labor rates below:

	Description	Normal Hours (R/hr)	After Hours (R/hr)	Sun/Public H Hr (R/hr)
1	<b>Electrician</b>			
2	<b>Installation Electrician (IE)</b> ( <i>For 3ph installations, CoC and Compliance Inspections</i> )			
3	<b>General Labourer</b>			

NB: Current rates for year 1 of the contract will be escalated by CPI annually on the anniversary of the contract



**AIRPORTS COMPANY**  
SOUTH AFRICA

## Part 2

### Preliminaries and general

Item no.	Description - Contract Administration Costs	Frequency	Quantity	Cost per item	Total cost
<b>Preliminary and General - Contract Administration Costs:</b>					
1	Airside Induction Training (AIT Initial)	Every 2 years	3 x 2 personnel	R2103,60	R 12 621.6
2	General Security Awareness	Every 2 years	3 x 3 personnel	R 960	R 5 760
4	Vehicle permits and branding.	Once-off	1	R13,250	R13 250
5	Airside Vehicle Operating Permit	Every 2 years	1 personnel	R960	R1920
6	Safety File	Once off	1	R15,000	R 15,000
8	Site establishment – site offices and storage facilities	Once off	1	R	R
<b>Total preliminaries and general costs (Excl. VAT)</b>					<b>R</b>

- *N.B. Contract administrative costs not payable upfront but will be drawn off this amount as and when required. This amount covers the full contract duration of 36 Months.*
- *The above budget of personal permits is for maximum of 3 people annually.*
- *Safety induction to be done every 2 years (year 1, year 2 and year 3)*
- *Safety file cost to include medicals examinations as a once off cost.*
- *Preliminaries and generals will be paid at proven cost.*
- *\*ACSA reserves the right to retain possession of office and storage facilities established at the expense of ACSA except where the said facilities are leased. Annual claim for insurance payment will be done on the date the contract is initiated and annually on the anniversary of contract start.*

### Contract Price and Price Adjustment for inflation

The rates applicable to this contract will be listed as in the Bid submission returnable and as per the Activity Schedule. The total contract price shall be adjusted on each anniversary date to compensate for increases in the cost of labor. The labor content of the contract price, as declared in the Bid Price summary, shall be adjusted because of the increase or decrease in CPI.



### Mark-up (3rd party procured items/services)

Spares and sub-contracted 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. Percentage added shall include profit, overheads, financing, contract insurance, guarantee costs and supervision, and contract management.

ACSA retains the right to procure parts of equal quality and standard if such goods or services can be procured at a lower cost and supply the same to the Contractor for fitment or use.

This will be used for any work including emergency work as per ACSA process.

Value of Items or Services per month	Mark up-percentage
R 0 – R5000	%
R5001 – R30000	%
R30001 – R100 000	%
R100 001 – R1 000 000	%
Over R 1 000 000	%

***NB: Spares and sub-contracted work will be charged at a market related cost, plus mark-up. The mark-up percentage will be closely monitored before releasing payment.***

### Summary Pricing Schedule

Line	Description	Total
1.	<b>Year 1= Total cost Part 1:</b>	R
2.	<b>Year 2 = Year 1 incl. 6% CPI</b>	R
3.	<b>Year 3= Year 2 incl. 6% CPI</b>	R
Grand Total 3 years Part 1: Maintenance (Year 1+Year 2+Year 3+)		R
4.	Total cost Part 2: Preliminaries and General's costs	R
<b>Total Cost excl. VAT (Grand Total 3 years + Part 2: P's &amp; G's)</b>		R
<b>Total Cost (incl. VAT 15%)</b>		R

# C3: Scope of Work

## C3.1 Works Information

The appointed contractor will be required to provide adequate resources on site twice a month. The contractor shall immediately produce a report and log all other calls with the IMC. Furthermore, the service provider should consider that there are works that can only be performed during the night, outside of operational hours and plan accordingly to accommodate such. Weekends and public holidays will not be required to be onsite but may be called out for urgent work that affect operations or poses a safety risk to the public or manoeuvring area.

The scope includes ensuring:

- Calibration and verification of 16 PAPI lights
- Calibration and verification of 34 PAPI lights
- Calibration and verification of 01 Left PAPI lights
- Calibration and verification of 19 Left PAPI lights
- Calibration and verification of 01 Right PAPI lights
- 5. Visual inspection of secondary cable and repair defects
- 6. inspect the PAPI's structure
- 7. Provide training to ACSA staff within the first 12 months on how to carry out verifications on the PAPIs

The contractor will be expected to produce a monthly report detailing all works completed, including inspection findings and highlighting all areas requiring attention. The report should include accurate stock reconciliation, of stock uses and purchases including stock at hand.

The resources assigned will be a minimum of one qualified electrician and assistant. At least one of the resources must have one or both certification trade and Coc certificate.

### 1. Description of the works

Cape Town is required to maintain the verification and calibration of all the PAPI's lights systems to ensure compliance. The purpose of this tender will be to ensure that the equipment is maintained, Factors that are of vital importance is the status of the mechanical and electrical equipment. Repair maintenance will also have to be attended to, listed on page 41 of 64 of these documents to ensure 100% compliance of these assets – PAPI's lights

## Scope Overview

### Working Hours for this project:

Most of the preparatory work can be done during the night or after last flight.

Any work that requires switching off the supply must be done strictly after hour works (23.30 or after last flight – 4am), with the approval of the Electrical Department and notification to be sent out at least 7 working days prior to switching off.

### Commencement of Project:

Project to commence after issue of PO and must be completed within 36 months of start.

### Summary of Project scope:

Scope of Works would include the following:

### **Bi-Weekly: verification of PAPI's and Service Checks**

- Verification of 16 PAPI angles
- Verification of 34 PAPI angles
- Verification of 01 Left PAPI angles
- Verification of 01 Right PAPI angles
- Verification of 19 Left PAPI angles
- Check PAPI's cable condition
- Check the cracks on the PAPI lenses
- Visual inspection of secondary cable and repair defects
- Inspect the PAPI's structure

### **Quarterly: Calibration of PAPI 'lights**

- Calibration of 16 PAPI lights
- Calibration of 34 PAPI lights
- Calibration of 01 Left PAPI lights
- Calibration of 19 Left PAPI lights
- Calibration of 01 Right PAPI lights
- Visual inspection of secondary cable and repair defects
- inspect the PAPI's structure

## KEY PERSONNEL

- The Key Personnel are 2 x Electricians Safety ORHVS Responsible Person.
- Comprehensive CVs and supporting information/documentation must be provided.

<b>Requirements</b>	<b>Electrician 1</b>	<b>Electrician 2</b>
<b>Minimum Qualification</b>	N3 Electrical with Trade Test  ORHVS certification  AGL 1, 2 or 3	N3 Electrical with Trade Test  ORHVS certification  AGL 1, 2 or 3
<b>Minimum Relevant Experience</b>	2-5 years	2-5 years
<b>Other</b>		

## DETAILED DESIGN REQUIREMENTS

### Site Conditions

#### General

## 2. Drawings

Drawing number	Revision	Title

## 3. Specifications

Maintenance of the standby-generator system for a period of 12 months at CTIA

Title	Date or revision	Tick if publicly available
<b><u>General Specifications:</u></b>		
Health and Safety requirements	Latest	√
Environmental requirements	Latest	√
Site regulations and access control	Latest	√
<b><u>Technical specifications:</u></b>		
IEC 62271-1: Specifications High-voltage switchgear	Latest	√
IEC 62271-100: Alternating-current circuit-breakers	Latest	√
IEC 62271-102: Alternating current disconnectors earthing switches	Latest	√
IEC 62271-103: High-voltage switches	Latest	√
IEC 62271-105: Switch-fuse co-operation	Latest	√
IEC 62271-200: Arc fault and switchgear	Latest	√
IEC 60529: Degrees of protection provided by enclosures	Latest	√
SANS 10142-1 & 2: Installation of Medium Voltage Systems	Latest	√

## 4. Constraints on how the *Contractor* Provides the Works

- While most of the preparatory work can be done during the day, it is important to note that some work will be done strictly during the night.
- Any work that requires switching off the supply must be done strictly after hour works (23.30 or after last flight – 4am), with the approval of the Electrical Department and notification to be sent out at least 7 working days prior to switching off.
- Need to get approval from Operations and Account Managers
- Inability to work during night hours due to safety risk of low lighting weather conditions and security risk of theft.

### 4.1 Meetings

The Contractor will be expected to attend meetings relating to project, operations, contract management and other issues that may arise from time to time on monthly basis or any other prescribed terms. 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. There will be minutes kept for this meeting for record purposes.

Regular meetings of a general nature may be convened and chaired by the Service Manager as follows:

Title and purpose	Approximate time & interval	Location	Attendance by:
Risk register and compensation events	Monthly on last Thursday of every month at 14H00	Power and lighting offices	Employer and Contractor.
Overall contract progress and feedback	Bi-Monthly Tuesday at 14H00	Power and lighting offices	Employer and Contractor

Meetings of a specialist nature may be convened as specified elsewhere in this Service Information or if not so specified by persons and at times and locations to suit the Parties, the nature and the progress of the service. Records of these meetings shall be submitted to the Service Manager by the person convening the meeting within five days of the meeting.

All meetings shall be recorded using minutes or a register prepared and circulated by the person who convened the meeting. Such minutes or register shall not be used for the purpose of confirming actions or instructions under the contract as these shall be done separately by the person identified in the conditions of contract to carry out such actions or instructions.

### 4.2 Use of standard forms

All NEC standard forms documents are applicable.

### 4.3 Invoicing and payment

In terms of core clause 50 the *Contractor* assesses the amount due and applies to the *Employer* for payment. The *Contractor* applies for payment with a tax invoice addressed to the *Employer* as follows:

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The *Contractor* includes the following information on each tax invoice:

- Name and address of the *Contractor*
- The contract number and title;
- *Contractor's* VAT registration number;
- The *Employer's* VAT registration number 4930138393;
- The total Price for Work Done to Date which the *Contractor* has completed;
- Other amounts to be paid to the *Contractor*;
- Less amounts to be paid by or retained from the *Contractor*;

- The change in the amount due since the previous payment being the invoiced amount - excluding VAT, the VAT and including VAT;

Within 7 days after work completion, the Service Provider shall deliver original invoices to the Company in respect of the Services.

Payment will take place within 30 (Thirty) Business Days after receipt by the Company of a duly prepared original invoice.

All payments shall be made by electronic transfer into the Service Provider's bank account, initially being the account set out in (Contract Data) hereto.

The Company may set off any amounts due and payable from the Service Provider pursuant to the terms of this Agreement against any amounts payable by the Company to the Service Provider on any invoice. If the amounts payable by the Service Provider to the Company exceed the amounts payable by the Company to the Service Provider pursuant to an outstanding invoice under this Agreement, then, at the Company's option, the Service Provider shall either issue a credit note for the net amount which the Company may set off against any other invoices rendered by the Service Provider, or promptly pay the amount to the Company.

Within one week of receiving a payment certificate from the Service Manager in terms of core clause 51.1, the Contractor provides the Employer with a tax invoice showing the amount due for payment equal to that stated in the Service Manager's payment certificate.

The *Contractor* attaches the detail assessment of the amount due to each tax invoice showing the Price for Work Done to Date for each item in the Price List for work which he has completed.

#### **4.4 Records of Defined Cost**

##### **Daily records**

The Contractor shall keep accurate daily records of staff attendance, project work, safety inspections and exception reports. Records shall be kept on site and will be available for scrutiny by the Service Manager at any time. All records shall be in a format as agreed with the Service Manager.

The Contractor shall keep in a safe place every statutory certification record book detailing inspection and test, commissioning, examination, and any related incidents.

##### **Monthly reports**

When invoicing, the Contractor shall ensure that all required reports for the corresponding month are attached to the monthly invoice. This will include monthly reports on but not limited to:

1. Maintenance report
2. Adhoc work report
5. CoC certificate where is required

The Contractor shall keep copies of all reports and records for at least 3 years. All reports shall be in a format as agreed with the Service Manager from time to time.

All monthly record sheets, job cards, history reports etc will remain as ACSA property and should be available on request. At the end of the contract period a complete set of documentation must be handed over to ACSA.

The contractor shall further provide copies of these monthly record sheets to ACSA Service Manager not later than the 7th day of every month. Failure to submit the monthly record sheets will result to any monies due to the contractor being held and low service damages initiated. Reoccurrence of this nature may lead to an immediate cancellation of the contract.

##### **Format of communications**

All documents will all be in a format as agreed with the Service Manager.

**Incidents and Events Reports**

In the event of any incident occurrence, the contractor shall conduct RCA (root cause analysis) for incidents and events encountered on the infrastructure and submit a detail technical incident report within 48hrs.

**4.5 BBBEE and preferencing scheme**

**1-4 BEE**

**4.6 Facilities to be provided by the Contractor.**

NOT APPLICABLE

**4.7 Title to material from excavation and demolition**

NOT APPLICABLE

**4.8 Design by the Contractor**

The contractor is to provide Employer with all designs and details of any changes done onsite in technical document and technical drawing format. The contractor design is to comply with applicable standards as listed above and issue CoC where applicable.

**5. Requirements for the programme**

The contractor is to provide to the employer, a project program with timelines. The Contractor's plan for the service will inform both the employer and service manager the contractor's detailed intention on how the contractor will provide the service. The plan shall consist of working methods as well as details of the resources, including the equipment the contractor intends to use.

**6. Services and other things provided by the Employer**

The Contractor shall provide everything else necessary for Providing the Service.

Item	Date by which it will be provided

## C4: Site Information

### **C4.1: Information about the *site* at time of tender which may affect the work in this contract.**

#### **1. Access limitations**

The contractor access is limited to areas as prescribed by the employer and permit access is required. Unauthorised entry into substations is not allowed.

#### **2. Ground conditions in areas affected by work in this contract**

Earthworks are included in the Scope of Work and the ground shall be reinstated to the same conditions as prior to commencement of work.

#### **3. Hidden and other services within the *site***

Existing services underground will not be tampered with and care must be taken in order to preserve those services. Any damages by the contractor to any existing services will be repaired at the cost to the contractor.

#### **4. Details of existing buildings / facilities which *Contractor* is required to work on**

The contractor is to conduct works in Terminal 1 Substation. "As built" drawings and single line diagrams will be provided.

#### **5. Site Conditions**

N/A