

ADDENDUM NO 1

TENDER NO: CIA RFB 7924-2025

ADDENDUM TO THE TENDER REQUEST FOR BID APPOINTMENT OF CONTRACTOR TO SUPPLY AND INSTALL AIR CONDITION VRV AND SPLIT UNITS FOR PASSENGER LOADING BRIDGES FOR PERIOD OF EIGHT (8) MONTHS AT CAPE TOWN INTERNATIONAL AIRPORT

03RD September 2025

1. **Preamble**

<u>#</u>	<u>Query</u>	<u>Response</u>
<u>1</u>	<u>Consultant working on this project?</u>	No consultant is appointed for the project
<u>2</u>	<u>Any drawings received?</u>	We still sourcing the Air Bridges Structures Drawing. If received will be shared with everyone
<u>3</u>	<u>Specified brand</u>	No specific brand
<u>4</u>	<u>Closing to submit</u>	Monday 29 th September 2025 @ 14:00. To be delivered as prescribed in the RFP document.
<u>5</u>	<u>Updated pricing, details below provided</u>	Provided
<u>6</u>	<u>Updated Scope of works, details below provided</u>	Provided

The following shall be appendix to tender document -under Price schedule of the tender

C2.2 Price List

The Price List is as follows and reference to scope of work section for more detailed information.

ITEMS	QUANTITY	UOM	RATE	AMOUNT
Administrative Cost				
ACSA Permits	6	Each	R410,00	R 2050
General Awareness Security Training	6	Each	R960,00	R 4800
Airside Induction	6	Each	R2 100,30	R10 501,50
Airside driving permit (AVOP)	2	Each	R2 100,30	R 10 501,50
Parking Permits	2	Sum	R 500	R 500
Safety Compliance Documents	1	Sum	R	R
<i>Provisional Lifting or Sky-Jack or Ringing of the unit to position</i>	1	Sum	R 65 000	R 65 000
Mechanical and Electrical Works				
Moving and Connecting Tunnel -60000 BTU Inverter Units				
Supply and install Inverter Cassette Units – 60000 BTU	8	Each	R	R
Supply 100-meter roll length of Cabtyre 1.5 mm to 2.50mm ,3 core cabtyre suitable for the rated for the unit -communication cable	1500	meters	R	R
Supply 100-meter length of Black Surfex 4 mm ,4 core -Power Supply Cable	600	meters	R	R
Supply 3 PH Circuit Breaker suitable rated for the nameplate FLA Unit i.e. 32 Amps	8	each	R	R
Supply IP65 suitable 3PH rated rotary Isolator switch suitable for maximum rated current capacity of the Unit i.e. 63 amps	8	each	R	R
Supply condensate PVC pipes including elbows and consumables to cover an estimate of 50 m for each unit (8 Units)	1	Sum	R	R
Supply Hard -Drawn copper pipes including insulation for the units to cover an estimate of 50 light m for each unit	1	Sum	R	R
Supply Extra Refrigerant (3 per unit)	24	each	R	R
All condenser coils units must protected with Bluecheem for corrosion protection	8	each	R	R
Moving and Connecting Tunnel - 48000 BTU Inverter Units				
Supply and install Inverter Cassette Units – 48000 BTU	13	Each	R	R

Supply 100-meter roll length of Cabtyre 1.5 mm to 2.50mm ,3 core cabtyre suitable for the rated for the unit - communication cable	1600	meters	R	R
Supply 100-meter length of Black Surfix 4 mm ,4 core - Power Supply Cable	500	meters	R	R
Supply 3 PH Circuit Breaker suitable rated for the nameplate FLA Unit i.e. 32 Amps	13	each	R	R
Supply IP65 suitable 3PH rated rotary Isolator switch suitable for maximum rated current capacity of the Unit i.e. 63 amps	13	each	R	R
Supply condensate PVC pipes including elbows and consumables to cover an estimate of 50 m for each unit (13 Units)	1	Sum	R	R
Supply Hard -Drawn copper pipes including insulation for the units to cover an estimate of 50 light m for each unit	1	Sum	R	R
Supply Extra Refrigerant (2 per unit)	26	each	R	R
All condenser coils units must protected with Bluechecm for corrosion protection	13	each	R	R
Fixed Tunnels – Inverter Cassettes				
Supply and install Inverter Cassette Units – 60000 BTU	6	Each	R	R
Supply 100-meter roll length of Cabtyre 1.5 mm to 2.50mm ,3 core cabtyre suitable for the rated for the unit - communication cable	1000	meters	R	R
Supply 100-meter length of Black Surfix 4 mm ,4 core - Power Supply Cable	500	meters	R	R
Supply 3 PH Circuit Breaker suitable rated for the nameplate FLA Unit i.e. 32 Amps	6	each	R	R
Supply IP65 suitable 3PH rated rotary Isolator switch suitable for maximum rated current capacity of the Unit i.e. 63 amps	6	each	R	R
Supply condensate PVC pipes including elbows and consumables to cover an estimate of 50 m for each unit (6 Units)	1	Sum	R	R
Supply Hard -Drawn copper pipes including insulation for the units to cover an estimate of 50 light m for each unit	1	Sum	R	R
Supply Extra Refrigerant (3 per unit)	18	each	R	R
All condenser coils units must protected with Bluechecm for corrosion protection	6	each	R	R
Fixed Tunnels – VRF with Four Way Cassette System				
VRF Condenser Module 28 KW	12	Each	R	R
Four-way Cassette system 16 KW	24	Each	R	R
Ref Branch Joint- HP- Indoor	24	Each	R	R
2nd Generation Wired Controller	24	Each	R	R
Supply 100-meter roll length of Cabtyre 1.5 mm to 2.50mm ,3 core cabtyre suitable for the rated for the unit - communication cable	1000	meters	R	R
Supply 100-meter length of Black Surfix 4 mm ,4 core - Power Supply Cable	500	meters	R	R

Supply 3PH Circuit Breaker suitable rated for the nameplate FLA Unit	12	each	R	R
Supply IP65 suitable 3PH rated rotary Isolator switch suitable for maximum rated current capacity of the Unit i.e. 63 amps	12	each	R	R
Supply condensate PVC pipes including elbows and consumables to cover an estimate of 50 m for each unit (24 Units)	1	Sum	R	R
Supply Hard -Drawn copper pipes including insulation for the units to cover an estimate of 50 light m for each unit	1	Sum	R	R
Supply Extra Refrigerant (3 per unit)	36	each	R	R
All condenser coils units must protected with Bluecheem for corrosion protection	12	each	R	R
Supporting Steel and Consumables				
Supply 4m Length Galvanised supporting bracket for all outdoor units excluding the VRF	27	Each	R	R
Supply 4m Length Galvanised supporting bracket for all VRF units	12	Each	R	R
Supply hot Dip Galvanised light duty Enclosed Channel Cable Trays (3 m x 100mm x 60mm)	100	Meters	R	R
Supply Stainless Steel Wire Mesh Cable Trays (3 m x 100mm x 60mm)	600	Meters	R	R
Supply consumable threaded rods, hold down saddles and wire mesh splice clamps	1	Sum	R	R
Ventilation Fans				
Consider installation of Low-pressure axial fans suitable for the area on each fixed Tunnel of the airbridges with minimum airflow of 1500 m3/hr or above	15	Each	R	R
Supply I- Beam and Construct them to Barricades and must be Galvanised. - Size to Cover Front Section –2 m width x 1 m height. Size to Cover the sides- 1 m width x 1 m height				
I Beam Size 160 mm x 82 mm , 13-meter length	130	meters	R	R
Base plate 5 x 200 x 200 mm	60	Each	R	R
Anchor bolts for the base plates	1	Sum	R	R
Dismantling and Installation Labour Cost – After working Hours (Estimated installation period is 3 Months				
Project Manager /Site Supervisor	522	H/r	R	R
2 x Refrigerant Tech	522	H/r	R	R
1 x Electrician	522	H/r	R	R
3 x Assistants	522	H/r	R	R
Provisional Cost				
Provision for Transportation	1	Sum	R 15 000	R 15 000
Provision cost for Building Alteration	1	Sum	R 300,000	R 300,000
Contingency Cost	1	Sum	R 959 497	R 959 497

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SUB-TOTAL (Admin + Mech & Elec Works + Labour Cost+ Provisional)		R
VAT	15%	R
TOTAL PRICE		R

NB: The provisional cost will be used at the discretion of the Service Manager and only upon submission of proof of work, subject to the Service Manager's approval. Tenderers are reminded that this amount is indicative only, and ACSA is under no obligation to spend the full amount or any portion thereof if no work is carried out . **Working hours is strictly after working hours.**

C3: Scope of Work

C3.1 Works Information

The goals and objectives of this initiative is to replace the obsolete DX split units serving the Airbridges to ensure a minimum requirement of the cooling capacity for the area is achieved.

1. Description of the works

The scope of work covered under this tender includes supply, installation, testing & commissioning of Dx split units at Airbridges tunnels.

Fixed Tunnels

- 6 x Inverter Cassette units 60 000 BTU
- 12 x VRV Condenser Module 28 KW
- 24 x Four-way Cassette system 16 KW
- 24 x Branch Joint- HP- Indoor
- 24 x 2nd Generation Wired Controller
- Supply Copper Pipes + Installation.
- Supply Extra Refrigerant All condenser units should be protected by Bluecheem for corrosion protection.
- Supply electrical consumable.
 - Circuit breaker- single or 3 pole size suitable for the unit nameplate FLA where required.
 - Supply IP65 rated single, or 3 phases rotary Isolator switch suitable for the maximum rated current capacity of the unit.
 - 1.5 mm to 2,5 mm 3 core cable- length size to cover the outdoor to indoor connection.
- Minor building work such as ceiling drop and replacement of damaged ceilings during installation

Moving and Connecting Tunnel units.

- 8 x Inverter Cassette units 60 000 BTU
- 13 x Inverter Cassette units 48 000 BTU
- Supply Copper Pipes + Installation.
- Supply Extra Refrigerant
- All condenser units should be protected by Bluecheem for corrosion protection.
- Supply electrical consumable.
 - Circuit breaker- single or 3 pole size suitable for the unit nameplate FLA where required.
 - Supply IP65 rated single, or 3 phases rotary Isolator switch suitable for the maximum rated current capacity of the unit.
 - 1.5 mm to 2,5 mm 3 core cable- length size to cover the outdoor to indoor connection.
- Supply Extra Refrigerant
- Minor building work such as ceiling drop and replacement of damaged ceilings during installation

Equipment Schedule

PLB - AIR BRIDGES HVAC CONDITION							
	Moving Tunnel	Connecting Tunnel		Departure Fix Tunnel		Arrival Fix Tunnel	
	Front Split unit Aircon	Front Split unit Aircon	Back Split Unit Aircon	Front Aircon	Back Aircon	Front Aircon	Back Aircon
A03			Gree 60 000 BTU - working Unit is due for replacement	VRF -Heat Pump System (2 Way Pipe System) -With x 2 cassette units -Daikin PC boards burnt -Compressor working -Unit is due for replacement		VRF -Heat Pump System (2 Way Pipe System) -With x 2 cassette units -1x indoor PC board is faulty -Compressor working -Unit is due for replacement	
A04			Gree 60 000 BTU - working Unit is due for replacement	VRF -Heat Pump System (2 Way Pipe System) -With x 2 cassette units -Daikin PC boards burnt -Unit due for replacement		VRF -Heat Pump System (2 Way Pipe System) -With x 2 cassette units -2x indoor PC board is faulty -Unit is due for replacement	
A05	Gree 60 000 BTU - Not working Unit is due for replacement	Gree 60 000 BTU - outdoor unit faulty Unit is due for replacement	Daikin Split unit - 48000 BTU size Outdoor faulty -PCB board not working -Recommended unit to be replaced	60 000 BTU Size unit not working unit is due for replacement	60 000 BTU unit not working Unit is due for replacement	VRF -Heat Pump System (2 Way Pipe System) -With x 2 cassette units -Compressor is faulty -Unit is due for replacement	
A06	Gree 60 000 BTU - working Unit is due for replacement	Gree 60 000 BTU - Condenser is faulty Unit is due for replacement	Daikin Split unit - 48000 BTU size -Condenser not working -PCB board not working -Recommended unit to be replaced	60 000 BTU Size unit not working unit is due for replacement	60 000 BTU unit not working Unit is due for replacement	VRF -Heat Pump System (2 Way Pipe System) -With x 2 cassette units -Unit is running -Unit is due for replacement	
A07	Gree 60 000 BTU - not working Unit is due for replacement	Gree 60 000 BTU - Condenser is faulty Unit is due for replacement	Daikin Split unit - 48000 BTU size -Condenser not working -PCB board not working -Recommended unit to be replaced	60 000 BTU Size unit not working unit is due for replacement	60 000 BTU unit not working Unit is due for replacement	VRF -Heat Pump System (2 Way Pipe System) -Unit not running -Unit is due for replacement	
A08	Gree 48 000 BTU - not working Unit is due for replacement	Gree 48 000 BTU - Condenser is faulty Unit is due for replacement		VRF -Heat Pump System (2 Way Pipe System) -With x 2 cassette units -Unit is running -Unit is due for replacement			
A09	Gree 48 000 BTU - not working Unit is due for replacement	Gree 48 000 BTU - Condenser is faulty Unit is due for replacement		VRF -Heat Pump System (2 Way Pipe System) -With x 2 cassette units -Unit is running -Unit is due for replacement			
A10	Gree 48 000 BTU - not working Unit is due for replacement	Gree 48 000 BTU - Condenser is faulty Unit is due for replacement		VRF -Heat Pump System (2 Way Pipe System) -With x 2 cassette units -Unit is running -Unit is due for replacement			
A11	Gree 48 000 BTU - not working Unit is due for replacement	Gree 48 000 BTU - Condenser is faulty Unit is due for replacement		VRF -Heat Pump System (2 Way Pipe System) -With x 2 cassette units -Unit is running -Unit is due for replacement			
A12	Gree 48 000 BTU - not working Unit is due for replacement	Gree 48 000 BTU - Condenser is faulty Unit is due for replacement		VRF -Heat Pump System (2 Way Pipe System) -With x 2 cassette units -Unit not running -Unit is due for replacement			

2. Remaining Provisions of the Original bid document

- 2.1. The remaining provisions of the original bid document remain in effect. This addendum must be read in conjunction with the original bid document.
- 2.2. In the event of a conflict or omission between the original bid document and this addendum, this addendum shall take precedence.

All enquiries should be addressed to

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