

IZIKO NATIONAL MUSEUMS - CAPE TOWN
SOUTH AFRICAN MUSEUM AIR COMPRESSOR
SECTION 1: PRELIMINARY AND GENERAL

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	SECTION 1: PRELIMINARY & GENERAL <i>The bill of quantities must be read together with the preamble, tender specifications and drawings forming part of this tender. Quantities will be re-measured, actual quantities will be certified for payment</i>				
1.0	Section 1: Preliminaries & General				
1.1	All TIME related items in terms of the Principal Agreement as relating to this contract (Mechanical works only)	item	1		R -
1.2	Allow for all FIXED charge related items in terms of the Principal Agreement relating to this contract	item	1		R -
1.3	Allow for all VALUE related items in terms of the Principal Agreement relating to this contract (Mechanical works only)	item	1		R -
1.4	Site establishment cost	item	1		R -
1.5	Chemical toilets	item	1		R -
1.6	Provide all scaffolding, lifting and plant equipment needed for the duration of the contract	sum	1		R -
1.7	Allow for Rigging/hoisting of equipment (if applicable)	item	1		R -
1.8	Allow for Testing and commissioning of entire Installation and issuing Certificates of Compliance where applicable.	sum	1		R -
1.9	Allow for Safety File and Safety Officer.	sum	1		R -
TOTAL CARRIED OVER TO SUMMARY					-

Signed by Tenderer

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Date

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IZIKO NATIONAL MUSEUMS - CAPE TOWN
SOUTH AFRICAN MUSEUM AIR COMPRESSOR

SECTION 2: MECHANICAL

ITEM	DESCRIPTION	UNIT	QTY	RATE		AMOUNT
	Phase 1					
2	<u>MECHANICAL INSTALLATION</u>					
2.1	SERVICING OF EXISTING EQUIPMENT					
	The contractor will be required to do a major service on the existing equipment. This includes all consumables, labour, and tools required					
2.1.1	Service CECCATO CSA15/8 G2 air compressor	Sum	2	R	- R	-
2.1.2	Service and repair of Hiross aftercooler	Sum	1	R	- R	-
2.1.3	Service and repair Quincy air dryer qpn219	Sum	1	R	- R	-
2.1.4	Testing of air receiver	Sum	1	R	- R	-
	Phase 2					
2.2	REPAIR OF EXISTING EQUIPMENT					
2.2.1	Repair of CECCATO CSA15/8 G2 air compressors	Sum	1	R	- R	-
2.2.2	Controler setup	Sum	1	R	- R	-
	Phase3					
2.2	<u>New Air Compressors</u>					
	Supply and install new air compressor as Ceccato CSA 20/10, or similar approved, as described in the technical specifications	No	1	R	- R	-
2.2.1	Allow for all new ancillary inline equipment, in accordance with site conditions and air compressor manufacturers installation requirements.	Sum	1	R	- R	-
2.2.2	Allow for checking and modification to existing support structure/new support structure as required. contraction to confirm what is allowed for at tender stage	Sum	1	R	- R	-
2.2.3	Allow for new 80mm header pipe including supports	Sum	1	R	- R	-
2.2.4	Allow for connection pipes from compressors to header	Sum	3	R	- R	-
2.2.5	Allow for connection pipes from header to receiver	Sum	2	R	- R	-
2.2.6	Allow for 80mm ball valve	Sum	1	R	- R	-
2.2.7	Allow for 40mm ball valve	Sum	5	R	- R	-
2.2.8	Allow for 100mm pressure gauge	Sum	6	R	- R	-
2.2.9	Allow for 15mm testing point with 15mm valves	Sum	3	R	- R	-

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SECTION 2: MECHANICAL

ITEM	DESCRIPTION	UNIT	QTY	RATE		AMOUNT
2.2.10	Allow for 20mm safety pressure release valve	Sum	2	R	-	R -

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SECTION 2: MECHANICAL

ITEM	DESCRIPTION	UNIT	QTY	RATE		AMOUNT
2.3	TESTING AND COMMISSIONING					
	Tests are to be done on the systems. Any second fix installations will again be tested on completion. The engineer is to witness the start and end of the tests and shall be given 72 hour prior notice of all said tests					
2.3.1	Allow for testing and commissioning of entire installation after installation. To include and the required CoC's and certifications.	Sum	1	R	-	R -
2.4	PROVISIONAL ALLOWANCES					
2.4.1	Allow a Provisional Sum of R30 000.00 (Thirty Thousand Rand) for galvanised mild steel piping and fittings to be spent as and when directed by the Mechanical Engineer	Sum	1	R	30 000,00	R 30 000,00
2.4.2	Allow a Provisional Sum of R40 000.00 (Twenty Thousand Rand) for any unforeseen expenses to be spent as and when directed by the Mechanical Engineer	Sum	1	R	40 000,00	R 40 000,00
2.5	GUARANTEE					
2.5.1	Allow for 12 Month maintenance period and guarantee for installations	Sum	1,00	R	-	R -
2.6	TRAINING					
2.6.1	Allow for the training of staff, on the operation and maintenance of all equipment and goods supplied and installed.	Sum	1,00	R	-	R -
TOTAL CARRIED OVER TO SUMMARY						R 70 000,00

Signed by Tenderer

Date

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SECTION 2: MECHANICAL

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Phase 1				
3	<u>ELECTRICAL INSTALLATION</u>				
3,1	REPLACING EXISTING DISTRIBUTION BOARD				
	The contractor will be required to replace the existing DB with a new modern designed one complete with Main Isolator and control gear				

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IZIKO NATIONAL MUSEUMS - CAPE TOWN
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SECTION 2: MECHANICAL

ITEM	DESCRIPTION	UNIT	QTY	RATE		AMOUNT	
3.2	TESTING AND COMMISSIONING						
	Tests are to be done on the systems. Any second fix installations will again be tested on completion. The engineer is to witness the start and end of the tests and shall be given 72 hour prior notice of all said tests						
2.3.1	Allow for testing and commissioning of entire installation after installation. To include and the required CoC's and certifications.	Sum	1	R	-	R	-
2.4	PROVISIONAL ALLOWANCES						
2.4.1	Allow a Provisional Sum of R25 000.00 (Twenty Five Thousand Rand) for unforeseen electrical works	Sum	1	R	25 000,00	R	25 000,00
2.5	<u>GUARANTEE</u>						
2.5.1	Allow for 12 Month maintenance period and guarantee for installations	Sum	1,00	R	-	R	-
2.6	<u>TRAINING</u>						
2.6.1	Allow for the training of staff, on the operation and maintenance of all equipment and goods supplied and installed.	Sum	1,00	R	-	R	-
TOTAL CARRIED OVER TO SUMMARY						R	25 000,00

Signed by Tenderer

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SUMMARY

SECTION	DESCRIPTION	AMOUNT (R)
1	SECTION 1: PRELIMINARY AND GENERAL	R -
2	SECTION 2: MECHANICAL	R 70 000,00
3	SECTION 2: ELECTRICAL	R 25 000,00
SUB-TOTAL EXCL. 15% VAT		R 95 000,00

Signed by Tenderer

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Date

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