

IZIKO NATIONAL MUSEUMS - CAPE TOWN
SOUTH AFRICAN MUSEUM - BATHROOM UPGRADES

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					R -

Signed by Tenderer

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Date

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SECTION 2: VENTILATION

ITEM	DESCRIPTION	UNIT	QTY	RATE		AMOUNT
2	<u>VENTILATION INSTALLATION</u>					
2.1	<u>WC 1 & 2</u>					
	a) Remove, inspect, clean and test existing fan for re-use		1	R	-	R -
	b) Remove extract ducting from WC 1 and 2		1	R	-	R -
	c) Install new galvanised ducting with dampers and new outlet grille		1	R	-	R -
	d) Install spigots and flexible connections		10	R	-	R -
	e) Install new extract valves once ceiling is installed		10	R	-	R -
	f) Balance valves to achieve required volumes		1	R	-	R -
2.2	<u>WC 3 & 4</u>					
	a) Remove existing wall grilles from WC 3&4		1	R	-	R -
	b) Remove extract grille from PREP room and inspect duct internals		1	R	-	R -
	c) Install OBD to balance extract from Prep room		1	R	-	R -
	d) Install new galvanised connections in ceiling		1	R	-	R -
	e) Install spigots and flexible connections		2	R	-	R -
	f) Install new extract valves once ceiling is installed		2	R	-	R -
	g) Balance valves to achieve required volumes		1	R	-	R -
2.3	<u>WC 5 & 6</u>					
	a) Remove existing fan and confirm duty. Report but allow for new fan		1	R	-	R -
	b) Remove extract ducting from WC 5		1	R	-	R -
	c) Install new galvanised ducting with dampers and new outlet grille		1	R	-	R -
	d) Install spigots and flexible connections		4	R	-	R -
	e) Install new extract valves once ceiling is installed		4	R	-	R -
	f) Balance valves to achieve required volumes		1	R	-	R -
2.4	<u>WC 7 , 8 & 9 (1st floor)</u>					
	a) Remove existing wall grilles		1	R	-	R -
	b) Remove extract ducting from WC 7,8 & 9		1	R	-	R -
	c) Install new galvanised ducting with dampers and new outlet grille		1	R	-	R -
	d) Install spigots and flexible connections		5	R	-	R -
	e) Install new extract valves once ceiling is installed		5	R	-	R -
	f) Balance valves to achieve required volumes		1	R	-	R -
2.5	<u>Second floor store</u>					
	a) Remove extract ducting from room		1	R	-	R -
	b) Install new extract grille to shaft with OBD		1	R	-	R -
	c) Balance valves to achieve required volumes		1	R	-	R -
2.6	<u>Central extract system</u>					
	a) Remove existing extract fan		1	R	-	R -
	b) Install new central ducting to ground floor		1	R	-	R -
	c) Install new extract fan c/w 1.5 D pod attenuators and extract grille in existing cowl.		1	R	-	R -

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SECTION 2: VENTILATION

ITEM	DESCRIPTION	UNIT	QTY	RATE		AMOUNT
2.2	<u>TESTING AND COMMISSIONING</u>					
	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 -
2.3	<u>PROVISIONAL ALLOWANCES</u>					
2.3.1	Allow a Provisional Sum of R25 000.00 (Twenty Five Thousand Rand) for unforeseen Ventilation works	Sum	1	R	-	R -
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 -

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SECTION 3: PROVISIONAL AMOUNTS

ITEM	DESCRIPTION	UNIT	QTY	RATE		AMOUNT
3	<u>ELECTRICAL & ELECTRONIC INSTALLATIONS</u>					
3.1	Allow a Provisional Amount for the Electrical Specialist iInstallation	sum	1	R	-	R -
3.2	Allow a Provisional Amount for the Mechanical Specialist iInstallation	sum	1	R	-	R -
TOTAL CARRIED OVER TO SUMMARY						R -

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SUMMARY

SECTION	DESCRIPTION	AMOUNT (R)
1	SECTION 1: PRELIMINARY AND GENERAL	R -
2	SECTION 2: VENTILATION	R -
3	SECTION 2: PROVISIONAL AMOUNTS	R -
4	CONTINGENCY AMOUNT	
SUB-TOTAL EXCL. 15% VAT		R -

Signed by Tenderer

Date