



ACTIVITY SCHEDULE

ESKOM REAL ESTATE PROJECT DELIVERY NATIONAL SECURITY CO-ORDINATION CENTRE (NSCC)

Use this page as a cover page for the Activity schedule:

1. Tenderers must ensure that adequate provision is made in the pricing schedule for the health and safety measures required by Eskom
2. The original format pricing schedule must be populated by hand in black ink and will be the document used for evaluation purposes.
3. Tenderers are also required to electronically populate the Excel format and add to the required Flash Drive with your submission. This will be used to support verification of pricing errors.
4. The pricing instructions shall be read prior to pricing this document
5. The PDF submission of the Pricing schedule (all pages) shall be signed by the supplier prior to submission of this tender

PRICING INFORMATION

ENQUIRY NUMBER:

TENDERERS NAME:

THE PRICE IN RAND (excluding Vat):

DATE:

SIGNED BY:

DESIGNATION:



**ESKOM REAL ESTATE PROJECT DELIVERY
NATIONAL SECURITY CO-ORDINATION
CENTRE (NSCC) -SUMMARY**

sum	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1	PRELIMINARIES AND GENERAL	sum	1	R0.00	R0.00
2	PROFESSIONAL SERVICES	sum	1	R0.00	R0.00
3	REMOVAL OF EXISTING WORK	sum	1	R0.00	R0.00
4	PARTITIONS & CEILINGS	sum	1	R0.00	R0.00
5	DOORS	sum	1	R0.00	R0.00
6	FINISHES	sum	1	R0.00	R0.00
7	PLUMBING AND DRAINAGE	sum	1	R0.00	R0.00
8	FURNITURE	sum	1	R0.00	R0.00
9	INTEGRATED PHYSICAL SECURITY SYSTEM	sum	1	R0.00	R0.00
TOTAL COST OF PROJECT (EXCL. VAT)					R0.00



**ESKOM REAL ESTATE PROJECT DELIVERY
NATIONAL SECURITY CO-ORDINATION
CENTRE (NSCC)**

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	The tenderer is advised that the bills of quantities must be read in conjunction with the technical specification, NEC Scope of works and layout drawing				
	<u>BILL NO. 1</u>				
	<u>PRELIMINARIES AND GENERAL</u>				
1					
1.1	Fixed P&G including Establishment	Sum	1		R -
1.2	Time related P&G (Earned value management)	Sum	1		R -
1.3	SHEQ requirements including environmental	Sum	1		R -
1.4	De-Establishment	Sum	1		R -
Sub Total carried to Total Summary					R 0.00
	<u>BILL NO 2</u>				
	<u>PROFESSIONAL SERVICES</u>				
2					
2.1	<u>Design including engineering and draughting services per discipline: Mechanical (HVAC), Control & Instrumentation (C&I), Electrical, Civil & Structural (including Architectural provisions), and Plumbing</u>				
2.1.1	Design services and detailed drawings covering all relevant disciplines including Mechanical (HVAC), Control & Instrumentation (C&I), Electrical, Civil & Structural, Architectural and Plumbing.	sum	1		R -
2.2	<u>Heating, Ventilation, and Air Conditioning</u>				
2.2.1	Supply, installation, testing, commissioning and certification of a Heating, Ventilation and Air Conditioning (HVAC) system. This includes but is not limited to all associated ductwork, air handling units, ventilation fans, insulation, controls, cabling, bathroom fan extraction and supports as per the engineer's specifications and drawings.	sum	1		R -
	<u>HVAC Components-Rate only(This component are deemed to be included in HVAC price)</u>				
	Air Handling Unit (AHU) DX (55KW)	No	1.00		Rate only
	Condenser VRV/Inverter Type (55KW)	No	1.00		Rate only
	Liquid Pipe & Insulation (28.58 mm diameter @ 60 m Length material copper)	m	1.00		Rate only
	Gas Pipe & Insulation (28.58 mm diameter @ 60 m Length material copper)	m	1.00		Rate only
	Power Supply MCC Breakers for AHU & Condenser	No	1.00		Rate only

		Extraction Fan for Condensor Plant room (320m ³ /min Fan including power supply)	No	1.00		Rate only
		Variable Air Volume Diffuser average of 200 L/S With Electric Heaters (electric powering for VAV)	No	1.00		Rate only
		Average of 913 mm by 913 mm externally insulated ducting with Total length of 100 m length	m	1.00		Rate only
		Power and communication cabling for air conditioning units, complete with conduit, terminations, and connections, average length of 40 m to AHU	m	1.00		Rate only
		Bathroom fan extraction	No	1.00		Rate only
		Return Fan Average of 5000 L/s	No	1.00		Rate only
		Return Ducting	m	1.00		Rate only
		HVAC COCs (Gas and Electrical)	No	1.00		Rate only
2.3		<u>General electrical installation</u>				
2.3.1		General electrical installation including Distribution boards, Cabling, UPS system, Small power and Lighting, Earthing, Testing and Commissioning.	sum	1.00		R -
		<u>Electrical Components- Rate only (This component are deemed to be included in Electrical price)</u>				
		Light Emitting Diode (LED) lights	No	1.00		Rate only
		Light switches: 16A complete with white cover plates.	No	1.00		Rate only
		Occupancy sensors: 10A / 240V 360° passive infra-red det	No	1.00		Rate only
		Distribution boards	No	1.00		Rate only
		Standard 230 V socket outlets will be 16 A, 3-pin earthed switched outlets	No	1.00		Rate only
		10 KVA UPS complete with batteries, cabling, and all necessary accessories to ensure full functionality.	No	1.00		Rate only
		COC (Electrical)	No	1.00		Rate only
2.4		<u>Fire detection installation, Fire protection installation, Smoke extraction installation</u>				
2.4.1		Supply, installation, testing, and commissioning of the fire detection system, fire protection system and smoke extraction system.	sum	1.00		R -
					Sub Total carried to Total Summary	R 0.00

		<u>BILL NO. 3</u>				
3		<u>REMOVAL OF EXISTING WORK</u>				
3.1		Removal of existing works to make space for construction(civil alterations)	Sum	1.00		R -
3.2		Removal of existing plumbing works to make space for construction	Sum	1.00		R -
3.3		Decommissioning of existing HVAC and electrical system, make look good (Read scope of works & Pricing instructions)	Sum	1.00		R -
Sub Total carried to Total Summary						R 0.00
		<u>BILL NO 4</u>				
4		<u>PARTITIONS & CEILINGS</u>				
		<u>Partitions</u>				
4.1		Supply and install drywall partitioning exc 3m and n.e 3,6m high taken from floor to underside of soffit to ensure minimal sound transfer including paint, glasswool cavity bat and "Fire Stop" boards complete with top and bottom track	sum	1.00		R -
4.2		Supply and install Toilet cubicles consisting of 20mm thick moist specified partitions, all framed in natural anodised aluminium channel section beading, top rails and fixing components and fitted with all necessary ironmongery comprising standard indicating bolts, combined coat hooks and door stops, and rubber buffers	sum	1.00		R -
4.3		Half brick wall in NFP bricks in class II mortar in building up openings including Cutting toothings and bonding new brickwork to existing and making good internal plaster and paint	sum	1.00		R -
4.4		Supply and install Frameless PVB interlayer(s) Glazing shopfronts to ceiling height with natural anodised aluminium top and bottom rails, with polished stainless steel patch fittings, approved floor spring hinges and locking bolts	sum	1.00		R -
4.5		COC(glazing)	sum	1.00		R -
4.6		Supply and install one-way mirror film n.e 3m high, including aluminium framing, sealant, and all necessary accessories.	sum	1.00		R -

		<u>Ceilings</u>				
4.7		Supply and install 10mm suspended ceiling complete with grid system (600 x 600mm) Lay-in acoustic ceiling tiles	sum	1.00		R -
4.8		Supply and install new 600x600mm suspended ceiling tiles	sum	1.00		R -
4.9		Supply and install horizontal 9.4mm "Rhino" gypsum plasterboard with supporting grid/brandering including 12.5mm shadowline shadowline cornice plugged and paint.	sum	1.00		R -
Sub Total carried to Total Summary						R 0.00
5		<u>DOORS</u>				
5.1		Supply and install 40mm solid timber flush doors with veneer, hung to double rebated steel frames sizes 814x2400mm high including door closer, push plates,wc indicators, paint and suppliers ironmongery complete	Sum	1		R -
5.2		Supply and install single aluminium door as per system complete with ironmongery, frameless glass, sealing, etc and fixing to brickwork or concrete	sum	1		R -
5.3		Supply and install double aluminium door as per system complete with ironmongery, frameless glass, sealing, etc and fixing to brickwork or concrete	sum	1		R -
5.4		Supply and install custom design frosting on frameless class design	sum	1		R -
5.5		Supply and install Anodised standard sliding pocket door system, complete with subframes, ironmongery, glass, sealing, etc and fixing to brickwork or concrete	Sum	1		R -
Sub Total carried to Total Summary						R 0.00
6		<u>BILL NO 6</u>				
		<u>FINISHES</u>				
		<u>Floor finishes</u>				
6.1		Supply and install floor tiles fixed with adhesive to bedding and flush pointed with tinted jointing compound On floors	sum	1.00		R -
6.2		Supply and install Carpet floor tiles fixed with adhesive to bedding and flush pointed with tinted jointing compound	sum	1.00		R -

	<u>Wall finishes</u>				
6.3	Supply and install wall tiles fixed with adhesive to plaster and flush pointed with tinted jointing compound On floors	sum	1.00		R -
Sub Total carried to Total Summary					R 0.00
7	<u>BILL NO 7</u> <u>PLUMBING AND DRAINAGE</u> <u>SANITARY FITTINGS</u>				
7.1	Supply and install wash hand basin and mixer complete with plug and waste, trap ,coring & connections	sum	1.00		R -
7.2	Supply and install WC pan with soft close toilet seat and water saving dual flushing mechanism and all connections complete	sum	1.00		R -
7.3	Supply and install wall urinal automatic flushing cistern with exposed flush pipe, spreader and waste union	sum	1.00		R -
7.4	Supply and install bathroom fittings (Read scope of works & Pricing instructions)	Sum	1.00		R -
7.5	<u>SANITARY PLUMBING</u> Supply and install 50mm & 110mm diameter uPVC sewer pipe connected from toilet outlet to nearest inspection chamber or existing manhole all complete including trap, fittings, fixings and testing	sum	1.00		R -
7.6	<u>Sundries</u> Connect plumbing for waste and water supplies, Testing waste pipe system including	sum	1.00		R -
7.7	COC (Plumbing)	sum	1.00		R -
Sub Total carried to Total Summary					R 0.00
8	<u>BILL NO 8</u> <u>FURNITURE</u> Supply and install:				
8.1	Standard Office Desk and Cabinet 1800x735mm single office desk complete with lockable storage cabinet	sum	1.00		R -
8.2	1800x735mm 2-way connect workstation cluster, complete with dividing screen panels and individual lockable storage cabinets	sum	1.00		R -

8.3	1800x735mm 3-way connect straight workstation cluster, complete with dividing screen panels and lockable under-desk storage cabinets	sum	1.00		R	-
8.4	1800x735mm 4-way connect straight workstation cluster, including dividing screen panels and lockable under-desk cabinets	sum	1.00		R	-
8.5	L-shaped desk and lockable cabinet	sum	1.00		R	-
8.6	Round table	sum	1.00		R	-
8.7	Office chairs	sum	1.00		R	-
8.8	Proprietary type shelving with standard powder coated finish Floor to ceiling shelving in storeroom walls, 3m high including all fixing	sum	1.00		R	-
Sub Total carried to Total Summary						R 0.00
9	<u>BILL NO 9</u> <u>INTEGRATED PHYSICAL SECURITY SYSTEM</u>					
9.1	<u>Video walls including mounting brackets, fixtures, power supplies, with a GUI and behaviour models for the site.</u>					
9.1.1	Video wall including graphical user interface (GUI) and behaviour models for the site. MX55X2 Clarity Matrix G3 LCD Screens: Complete with 43-inch MX55X2 LCD video wall system panels, including mounting structure and system controller Comprising of eight (8) x 43" LCD screens arranged in a 4 x 2 configuration	sum	1		R	-
9.1.2	Video wall including graphical user interface (GUI) and behaviour models for the site. MX55X2 Clarity Matrix G3 LCD Screens: Complete with 55-inch MX55X2 LCD video wall system panels, including mounting structure and system controller Comprising twelve (12) x 55" LCD screens arranged in a 6 x 2 configuration	sum	1		R	-
9.1.3	Video wall including graphical user interface (GUI) and behaviour models for the site. MX55X2 Clarity Matrix G3 LCD Screens: Complete with 55-inch MX55X2 LCD video wall system panels, including mounting structure and system controller Comprising of eight (8) x 55" LCD screens arranged in a 4 x 2 configuration	sum	1		R	-
9.2	<u>Access Control system</u>					
9.2.1	Supply, delivery, installation, testing and commissioning: Access control with tailgating detection at Main entrance plus two rear entrances	Sum	1		R	-

9.2.2	Face recognition access control system at internal and external doors	Sum	1		R	-
9.2.3	Bi-directional biometric controlled access gate with face recognition and anti-pass back between balcony and walkway to parking	sum	1		R	-
9.2.4	Walk-through metal detector and X-Ray machine at new security access control point to NSCC	sum	1		R	-
9.2.5	Integrated Access Control System (IACS) for the integration of all systems	sum	1		R	-
9.3	<u>Surveillance & Detection system</u>					
	Supply, delivery, installation, testing and commissioning:				R	-
9.3.1	Camera Surveillance CCTV System with intruder detection including AI dome cameras at two access points	sum	1		R	-
9.3.2	Intruder Detection System (IDS) and Intrusion Detection Controls (IDC) to prevent and detect unauthorised access	sum	1		R	-
9.4	<u>Security management and Integration systems</u>					
	Supply, delivery, installation, testing and commissioning:					
9.4.1	Integrated Security Alarm System	sum	1		R	-
9.4.2	Physical Security Information Management (PSIM) System including IT infrastructure	sum	1		R	-
9.4.3	Visitor Management System	sum	1		R	-
9.4.4	Security Management System integrating all subsystems and linking to existing MWP Public Address (PA) system	sum	1		R	-
9.5	<u>Maintenance and Support</u>					
9.5.1	Extended Warranty: 36-months post-handover warranty covering materials, workmanship, and performance, including defect rectification	sum	1		R	-
9.5.2	Maintenance for 36-months post handover to ensure continuous system performance.	sum	1		R	-
Sub Total carried to Total Summary						R 0.00

1	Shorter Schedule of Cost Component							
1.1	STRUCTURAL ENGINEER	hour			R	-		
1.2	MECHANICAL ENGINEER	hour			R	-		
1.3	ELECTRICAL ENGINEER	hour			R	-		
1.4	CIVIL ENGINEER	hour			R	-		
1.5	FIRE ENGINEER	hour			R	-		
1.6	C & I ENGINEER	hour			R	-		
1.7	ARCHITECT	hour			R	-		
1.8	PLUMBER	hour			R	-		
1.9	DRAUGHTMAN	hour			R	-		
1.10	DOCUMENT CONTROLLER	hour			R	-		
1.11	TECHNICIAN	hour			R	-		
1.12	REFRIGERATION TECHNICIAN	hour			R	-		
1.13	SEMI SKILLED LABOUR	hour			R	-		
1.14	SKILLED LABOUR	hour			R	-		
1.15	GENERAL WORKER	hour			R	-		
1.16	PROJECT MANAGER	hour			R	-		
1.17	SHEQ OFFICER	hour			R	-		
1.18	TRAVEL	Km			R	-		
1.19	ACCOMMODATION	Night			R	-		
	Subtotal: Subcontract Work and Fee				R	-		
	Total Assessed Compensation Event Quotation				R	-		

Pricing Notes: The details provided are for guidance only and do not limit the tenderer's pricing considerations

Item	Activity	Description
1	REMOVAL OF EXISTING WORK	Removal of existing works to make space for construction : * Breaking down and removing Half brick wall approximately * Dismantle and remove drywall partition n.e 3m high approximately 2m * Remove single timber door and frame from partition *Remove viewing panel size exc 2.5m2 n.e 5m2 from partition *Lift existing carpets tiles approximately *Hack up and remove existing floor tiles approximately *Taking down and removing suspended ceiling including suspension grid approximately *Taking out and removing mirrors
		Removal of existing plumbing works to make space for construction : *Take out & remove existing Vitreous china wash hand basin *Take out & remove Vitreous china WC pan with flush valve and flush pipe *Take out & remove Vitreous china wall hung urinal with flush valve and flush pipe *Take out & remove automatic sensor hand dryer *Take out & remove Toilet paper holder from wall *Disconnect and block off water and waste supply temporarily
2	SANITARY FITTINGS	Supply and install bathroom fitting : * Soap dispenser, wall mounted * lockable toilet roll holder *700x2600 mirror *880x2600 mirror *1650x2600 mirror *500x1400 mirrors approximately
3	INTEGRATED PHYSICAL SECURITY SYSTEM	Video wall including graphical user interface (GUI) and behaviour models for the site. MX55X2 Clarity Matrix G3 LCD Screens: Complete MX55X2 LCD video wall system panels, including mounting structure and system controller: *Comprising of eight (8) x 43" LCD screens arranged in a 4 x 2 configuration *Comprising twelve (12) x 55" LCD screens arranged in a 6 x 2 configuration *Comprising of eight (8) x 55" LCD screens arranged in a 4 x 2 configuration