

REFURBISHMENT FOR KHAYELITSHA STATION					
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1.1	<p><u>BILL NO.1</u></p> <p><u>PRELIMINARIES AND GENERAL COSTS</u></p> <p>The Contractor shall allow for all Preliminary Items as set out below in the tender price</p> <p><u>BUILDING AGREEMENT AND PRELIMINARIES</u></p> <p>The JBCC Principal Building Agreement (Minor works agreement Edition 5.2 - May 2018) prepared by the Joint Building Contracts Committee shall be the applicable building agreement, amended as hereinafter described</p> <p><u>The JBCC Principal Building Agreement contract data forms an integral part of this agreement</u></p> <p>The JBCC General Preliminaries (May 2018) published by the Joint Building Contracts Committee for use with the JBCC Minor Works Agreement (Edition 5.2 – May 2018) shall be deemed to be incorporated in this project specific preliminaries, amended as hereinafter described</p> <p>The contractor is deemed to have referred to the above-mentioned documents for the full intent and meaning of each clause</p> <p><u>PREAMBLES FOR TRADES</u></p> <p>The General Preambles for Trades 2017 published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in this Project Specific Preliminaries</p> <p>Supplementary preambles and/or specifications are incorporated in this Project Specific Preliminaries to satisfy the requirements of this project. Such supplementary preambles and/or specifications shall take precedence over the provisions of the General Preambles</p> <p>The contractors prices for all items throughout these bills of quantities must take account of and include for all of the obligations ,requirements and specifications given in the Model preambles and any supplementary preambles</p> <p><u>BILL OF QUANTITIES</u></p> <p>Please note that the Bill of Quantities is measured in accordance with the standard system of measuring building works</p> <p><u>SECTION A : MINOR WORKS AGREEMENT</u></p> <p>All standard clauses of the minor works agreement are applicable with the exception of the following</p> <p>Clause 1.0 - Definitions and interpretation</p> <p>Contract sum</p>	Item			

	<p>The contract sum to include, unless otherwise stated, for all materials, fabrication, conveyance and delivery, unloading, storing, unpacking, hoisting, labour, setting, fitting and fixing in position, cutting and waste (except where to be measured in accordance with the standard system of measurement), patterns, models and templates, plant, temporary works, returning of packaging, duties, taxes (other than Value Added Tax), imposts, establishment charges, overheads, profit and all other obligations arising out of this agreement. Value Added Tax (VAT) is to be separately stated in the contract data</p> <p>The contract sum shall include for all construction equipment, temporary works, services and other items and shall include for the supply, maintenance, operating cost and subsequent removal and making good as necessary</p> <p>Value Added Tax</p> <p>Provision is made in the contract data for inclusion in the contract sum of Value Added Tax (VAT)</p> <p>GENERAL NOTES</p> <p>Contractor is required to visit the site and inspect items before bidding for the tender.</p> <p>View site :</p> <p>Before submitting, the Contractor shall visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials contained in the buildings or portions of the buildings.</p> <p>WORK AND MATERIALS</p> <p>Old material to become property of the contractor</p> <p>Old materials from alterations, except where described to be re-used or handed over, become the property of the contractor who must allow credit for same in the Final Summary</p> <p>All rubble and debris from the pulling down are to be carted away without delay and the site is to be left clean and tidy.</p> <p><u>OCCUPATIONAL HEALTH AND SAFETY</u></p> <p>Presentation, agreement and implementation of the health and safety plan including notifications to local health and safety authorities, open health and safety file inclusive of Covid 19 requirements as per the Department of labour</p> <p>Designated health and safety personnel, committee, etc as required and Health and Safety file</p>				
	<u>Carried to summary</u>				R
	<p><u>BILL NO. 2</u></p> <p><u>ALTERATIONS, DEMOLITIONS, ETC</u></p> <p>REMOVAL OF EXISTING WORK</p> <p><u>Hacking up/off and removing granolithic, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screed, plaster, tile finishes, etc</u></p>				
2.1	Average 75mm Screed from floors	m2	673.00		

	<u>Take out and remove doors, windows etc from brickwork to remain including making good cement plaster on both sides</u>				
2.2	Roller shutter door size 6000 x 2600mm high	No	4.00		
2.3	Timber single door and steel frame 813 x 2032mm high overall	No	15.00		
	<u>Hacking up/off and removing ceramic tiles including removing mortar bed or adhesive from concrete or brickwork and preparing surfaces for new screed, plaster, tile finish, etc</u>				
2.4	Floor tiles, including 30mm screeds	m2	182.00		
2.5	Walls tiles and make good to receive new work	m2	400.00		
	<u>Take out and remove piping, sanitary fittings, etc., including disconnecting piping from fittings and make good floor and wall finishes</u>				
2.6	Vitreous china wash hand basin, including short lengths of piping, etc	No	10.00		
2.7	Vitreous china WC pan with cistern, including short lengths of piping, etc	No	10.00		
2.8	Stainless steel sink and drainer on timber cupboard approximate size 1200 x 600 x 900mm high and including short lengths of piping, etc.	No	1.00		
2.9	Urinal	No	2.00		
2.10	Remove the paving blocks on the platform and prepare for later use in the project.	m2	624.00		
	<u>Carried to summary</u>				R
	BILL NO. 3				
	<u>EXTERNAL AREA</u>				
3.1	Cast the 75mm Granolithic floor screed	m2	383.00		
	<u>FLOOR TILING</u>				
	<u>Union Tiles' or other equally approved 600 x 600mm R10 slip rated full bodied porcelain floor (Code: SEZZ6879N) tiles with 3mm grouting fixed with "Tal Goldstar 6" and Tal Bond" tile adhesive to screed / wood floated / power floated floors (screeds, wood floated or power floated elsewhere measured) and flush pointed with "Tal Floor" anti-bacterial grout in accordance with the manufacturer's instruction.</u>				
3.2	On floors (Light grey)	m2	290.00		
3.3	Supply & Erect 16mm Multiwall Polycarbonate sheet, Opening height 2 000mm.	m	80.00		
3.4	30mm x 30mm x 5mm Stainless steel angle iron	m	164.00		
	<u>Carried to Summary</u>				R

	<u>BILL NO. 4</u>				
	<u>CONCOURSE</u>				
	<u>FLOOR TILING</u>				
	<u>Union Tiles' or other equally approved 600 x 600mm R10 slip rated full bodied porcelain floor (Code: SEZZ6879N) tiles with 3mm grouting fixed with "Tal Goldstar 6" and Tal Bond" tile adhesive to screed / wood floated / power floated floors (screeds, wood floated or power floated elsewhere measured) and flush pointed with "Tal Floor" anti-bacterial grout in accordance with the manufacturer's instruction.</u>				
4.1	On floors (Light grey)	m2	74.00		
4.2	300mm High skirting	m	64.00		
	<u>MOTORISED ROLLER SHUTTER DOORS</u>				
	<u>"Roll-Up Serranda" or other equally approved perforated galvanised; SABS 1461, & epoxy coated M/S perforated roller shutter for openings up to 3m x 4m high. Electrically operated with 220-volt HL600 motor with manual override, with 75 x 1.0mm thick galv. end locked slats complete with nylon end-locks, 120mm extra-wide tamper proof M/S guides, powder coated ancillary components including door curtain, 4.5mm thick end plates, guide rails, closed shaft, extruded aluminium T-bar with Astragal Rubber weather seal, & single span (no join) galv. cover box. Operated with High Security key switch. Fixed to brick, concrete or structural steel jambs and structural steel beam over. Contractor to provide cavity of 160mm x 120mm for recessing guides.</u>				
4.3	Automated roller shutter door approximate size 6000 x 2600mm high	No	4.00		
	<u>BUDGETARY ALLOWANCES</u>				
4.4	Allow an amount of R 75,000.00 for new purpose made glazed sky roof including sealing and pressure testing ensuring that there are no leaks, amount to be utilized at the discretion of the PRASA Project manager.	Item		R 75,000.00	R 75,000.00
	<u>Prepare and sand down existing surfaces and apply "Plascon" or other equally approved Primer (PP700) and two coats "Velvagio" water based paint for interior use</u>				
4.5	<u>On ceiling</u>	m2	156.00		
	<u>Carried to Summary</u>				R

	BILL NO. 5				
	STAFF ONLY OFFICE				
	FLOOR TILING				
	<u>Union Tiles' or other equally approved 600 x 600mm R10 slip rated full bodied porcelain floor (Code: SEZZ6879N) tiles with 3mm grouting fixed with ""Tal Goldstar 6' and Tal Bond" tile adhesive to screed / wood floated / power floated floors (screeds, wood floated or power floated elsewhere measured) and flush pointed with "Tal Floor" anti-bacterial grout in accordance with the manufacturer's instruction.</u>				
5.1	On floors (Light grey)	m2	30.00		
5.2	30mm High skirting	m	50.00		
	<u>Prepare and sand down existing surfaces and apply "Plascon" or other equally approved Primer (PP700) and two coats "Velvaglo" water based paint for interior use</u>				
5.3	On walls	m2	70.00		
5.4	On Ceiling	m2	36.00		
	Solid core flush doors with Sapele veneer covering on both sides and hard wood edging strips on vertical sides.				
5.5	44mm Door size 813 x 2032mm high hung to steel frames	No	1.00		
	<u>Semi-solid core flush doors with Sapele veneer covering on both sides and hard wood edging strips on vertical sides.</u>				
5.6	44mm Door size 813 x 2032mm high hung to steel frames	No	4.00		
	IRONMONGERY				
5.7	Cylinder Deadlock. Case dimensions (mm) 116.5H x 78D. Forend dimensions (mm) 168H x 22W. Backset 57mm. (D037D SS)	No	5.00		
5.8	66mm five pin Euro-profile Double Cylinder Grand Master Keyed (DDC106601 GMK)	No	5.00		
	ALUMINIUM WINDOWS				
	<u>"Crealco" or other equally approved aluminium windows, shopfronts and doors complete with subframes, ironmongery, glass, sealing, etc. and fixing to brickwork or concrete complete with "KoastGuard" or other equally approved Qualicoat class 2 powder coating, Interpon D2525, Jet Black code QN205P all in accordance with suppliers instruction</u>				
5.9	Supply and install Window size 900 x 2100 with stoneguard	No	1.00		
	Carried to Summary				R

<u>BILL NO. 6</u>				
<u>TICKET OFFICE</u>				
<u>Prepare and sand down existing surfaces and apply "Plascon" or other equally approved Primer (PP700) and two coats "Velvagro" water based paint for interior use</u>				
6.1	On walls	m2	55.00	
6.2	On Ceiling	m2	58.46	
<u>PLUMBING AND DRAINAGE</u>				
<u>PREAMBLES</u>				
The descriptions given in the various items below are not necessarily full and complete and reference must be made to the "Standard Preambles To All Trades", "Supplementary Preambles" and "Supplementary Specifications" to this contract for the full requirements of each scheduled item				
<u>SANITARY FITTINGS</u>				
<u>WC</u>				
6.3	"Vaal Sanitaryware" or other equally approved vitreous china Parktown 90 degree outlet top inlet or back inlet flushvalve (code: 431600) and double flap plastic seat	No	1.00	
6.4	"Grohe" or other equally approved 25mm diameter chrome flush valve for wc (code: 37609) for concealed installation with push button actuator, 1.2 - 5.0 bar flow to wc. pressure, flow rate adjustment, including 25mm supply pipe, stop valve, flush pipe and 300mm extension pipe	No	1.00	
<u>IRONMONGERY</u>				
6.5	Cylinder Deadlock. Case dimensions (mm) 116.5H x 78D. Forend dimensions (mm) 168H x 22W. Backset 57mm. (D037D SS)	No	5.00	
6.6	66mm five pin Euro-profile Double Cylinder Grand Master Keyed (DDC106601 GMK)	No	5.00	
<u>BUDGETARY ALLOWANCES</u>				
6.7	Allow an amount of R 10,000.00 for new purpose made for servicing the built-in cupboards and the partions cubicles, the amount to be utilized at the discretion of the PRASA Project manager.	Item	R 10,000.00	R 10,000.00
6.8	Allow an amount of R 10,000.00 for new purpose made for servicing the air conditioner, the amount to be utilized at the discretion of the PRASA Project manager.	Item	R 10,000.00	R 10,000.00
6.9	Allow an amount of R 20,000.00 for new purpose made for deep cleaning of the station facilities, the amount to be utilized at the discretion of the PRASA Project manager.	Item	R 20,000.00	R 20,000.00
<u>Carried to Summary</u>				R

<u>BILL NO. 7</u>				
<u>PUBLIC ABLUTION</u>				
<u>Wash Hand Basin (Public Ablutions)</u>				
7.1	Whyte House wall mounted basin with wall mounted push on demand tap - Vandal resistant Code 030337 and accessories	No	6.00	
7.2	Walcro Metering pillar tap 100R 15MM	No	4.00	
7.3	Walcro Metering pillar medical tap 100R 15MM	No	2.00	
<u>WC</u>				
7.4	Whyte House vandal resistant WC pan or equal approved Security Pan, Code 021643	No	6.00	
7.5	WALCRO 155 UWS or equal approved 15mm Ø BSP built-in sleeve, DZR brass urinal flush valve with internal flow control, strainer and no-hold feature for single bowl urinal Code 155UWS	No	6.00	
<u>Urinals</u>				
7.6	Whyte House Vandal Resistant Urinal with automatic flush sensors or manual flush valve Code 029800			
7.7	"Walcro" or other equally approved 15mm Ø BSP built-in sleeve, DZR brass urinal flush valve (code: 155UW) with internal flow control, strainer and no-hold feature for single bowl urinal.			
<u>BUDGETARY ALLOWANCES</u>				
7.8	Allow an amount of R 10,000.00 for new purpose made for plumbing , the amount to be utilized at the discretion of the PRASA Project manager.	Item	R 10,000.00	R 10,000.00
<u>FLOOR TILING</u>				
<u>Union Tiles' or other equally approved 600 x 600mm R10 slip rated full bodied porcelain floor (Code: SEZZ6879N) tiles with 3mm grouting fixed with "Tal Goldstar 6" and Tal Bond" tile adhesive to screed / wood floated / power floated floors (screeds, wood floated or power floated elsewhere measured) and flush pointed with "Tal Floor" anti-bacterial grout in accordance with the manufacturer's instruction.</u>				
7.9	On floors	m2	130.00	
7.10	On walls	m2	250.00	
<u>DOORS</u>				
<u>Solid core flush doors with Sapele veneer covering on both sides and hard wood edging strips on vertical sides.</u>				
7.11	44mm Door size 813 x 2032mm high hung to steel frames	No	3.00	
<u>Semi-solid core flush doors with Sapele veneer covering on both sides and hard wood edging strips on vertical sides.</u>				
7.12	44mm Door size 813 x 2032mm high hung to steel frames	No	4.00	

<u>GALVANISED STEEL GATES</u>				
7.13	Single gate size 900 x 2100mm high with 19mm dia. tubular steel infills @ 100mm centres welded to frames and 40 x 6mm horizontal support with and including frame 38 x Quantities for the full description of the gate 60 x 3mm tubular gate surround concealed fixed wall with raw bolts (A.G1).	No	1.00	
7.14	Single gate size 1800 x 2100mm high with 19mm dia. tubular steel infills @ 100mm centres welded to frames and 40 x 6mm horizontal support with and including frame 38 x Quantities for the full description of the gate 60 x 3mm tubular gate surround concealed fixed wall with raw bolts (A.G1).	No	1.00	
<u>IRONMONGERY</u>				
7.15	Cylinder Deadlock. Case dimensions (mm) 116.5H x 78D. Forend dimensions (mm) 168H x 22W. Backset 57mm. (D037D SS)	No	6.00	
7.16	66mm five pin Euro-profile Double Cylinder Grand Master Keyed (DDC106601 GMK)	No	6.00	
<u>ALUMINIUM WINDOWS</u>				
<u>"Crealco" or other equally approved aluminium windows, shopfronts and doors complete with subframes, ironmongery, glass, sealing, etc. and fixing to brickwork or concrete complete with 'KoastGuard" or other equally approved Qualicoat class 2 powder coating, Interpon D2525, Jet Black code QN205P all in accordance with suppliers instruction</u>				
7.17	Supply and install Window size 1500 x 2100 with stoneguard Install the mirror on top of the WHB	No	2.00	
7.18	Mirror size 300 x 450mm high	No	4.00	
7.19	Mirror size 450 x 600mm high	No	2.00	
<u>Sanitary Fittings & Accessories</u>				
7.20	Automatic Soap/ Sandtiser Dispenser fixed to the walls	No	6.00	
<u>Carried to Summary</u>				R
<u>BILL NO. 8</u>				
<u>STAIRS LEADING TO PLATFORMS</u>				
8.1	Sand blast the steel hand rails	Item		
<u>Prepare and sand down existing surfaces and apply "Plascon" or other equally approved Primer (PP700) and two coats "Velvagro" water based paint for interior use</u>				
8.2	Steel handrails	Item		
<u>Carried to Summary</u>				R

	<u>BILL NO.9</u>				
	<u>PLATFORM</u>				
9.1	Install tactile in line with PRASA specification, 600mm wide.	m	1040.00		
9.2	Re-align the sagging platform concrete slabs to the level of the existing platform, Labour only	m2	100.00		
9.3	Paint yellow line (prohibition line)	m	1040.00		
9.4	Sandblast the galvanized bins	no	6.00		
9.5	Sandblast the galvanized steel benches	no	6.00		
9.6	Clean and treat the timber beams at the platform shelters	Item			
	<u>Prepare and sand down existing surfaces and apply "Plascon" or other equally approved Primer (PP700) and two coats "Velvagio" water based paint for interior use</u>				
9.7	on timber beams	m2	300.00		
9.8	facia boards	m2	160.00		
	<u>Carried to Summary</u>				R
	<u>BILL NO.10</u>				
	<u>SECURITY MESSROOM</u>				
	<u>Canteen Table</u>				
	<u>Tubular metal table and mental Seating</u>				
10.1	6 Seater canteen table 1800 x 1307 x770mm high fixed to floor	No	1.00		
10.2	10 Litre "Hydroboil" or other equally approved over sink electric water heater	No	1.00		
	<u>BUDGETARY ALLOWANCES</u>				
10.3	Allow an amount of R 10,000.00 for new purpose made for plumbing , the amount to be utilized at the discretion of the PRASA Project manager.	Item		R 10,000.00	R 10,000.00
	<u>Carried to Summary</u>				R
	<u>BILL NO. 11</u>				
	<u>Signage</u>				
11.1	Allow an amount of R 150,000.00 for new purpose made for singnage, the amount to be utilized at the discretion of the PRASA Project manager.	Item		R 150,000.00	R 150,000.00
	<u>Carried to Summary</u>				R 150,000.00

	<u>BILL NO.12</u>				
	<u>ELECTRICAL WORK</u>				
12.1	4,5mm ² SWA cable	m	100.00		
12.2	2,5mm ² twin and earth	m	100.00		
12.3	2,5mm ² general purpose housewire. Red, black, green/yellow	m	300.00		
12.4	20mm PVC conduit	m	40.00		
12.5	Contactor	each	2.00		
12.6	Photocell	each	2.00		
	Staff / general ablutions including security / cleaners mess room				
12.7	Supply and install 1500mm double closed channel LED tube fittings	each	20.00		
	Ticket office				
12.8	Supply and install 1500mm double closed channel LED tube fittings	each	10.00		
	Ticket verification area and general public area				
12.9	Supply and install 1500mm double closed channel LED tube fittings	each	30.00		
12.10	Supply and install flood lights 6500Lm minimum 5000K minimum cool white	each	2.00		
	Staircases and footbridge				
12.11	Supply and install flood lights 6500Lm minimum 5000K minimum cool white	each	8.00		
	Platform lighting				
12.12	Supply and install LED street lights 6500Lm minimum 4000K minimum cool white. Include bracket or spigot to attach light to existing platform light poles.	each	18.00		
12.13	Re-plant one light pole which has fallen over on platform. Dig a hole 1000mm x 1000mm x 1000mm and plant steel pole in concrete.	item	1.00		
	Lighting under bridge and around station building				
12.14	Supply and install flood lights 6500Lm minimum 5000K minimum cool white	item	20.00		
	Security cabin under bridge ablution				
12.15	Rewire security cabin ablution and install 2x1500mm closed channel LED tube fittings.	item	1.00		
	Electrical kiosk				
12.16	Replace the existing steel doors with new deep galvanized and paint door frame.	item	2.00		

Solar Power for Khayelitsha Station			
12.17	Bi-directional Inverter		
	Supply and fit Minimum: 12KW Sunsink three phase Hybrid inverter with nominal DC 51.2V or similar approved by the Prasa's Electrical Manager. Output voltage 230VAC 50Hz at 12000 Watts. Include all relevant cables, lugs and ferrules as per manufacturer's specifications. HYBRID OPERATION with batteries. The system must be a primary source to the load and only use battery system during peak hrs and when there is power failures. Only when the battery levels are low should inverter use power from the grid to charge battery only on off-peak period and power load. Also function as an off-grid inverter to provide power during load shedding or power failures.	Item	1.00
12.18	Battery Bank		
	Supply and fit Sunsink 10.65KW 51.2V 208AH deep cycle Lithium Ion battery pack or similar approved by Prasa's Electrical Manager. Include all relevant cables, lugs and ferrules as per manufacturer's specifications. Include a busbar box to allow for future storage expansion.	Item	3.00
12.19	Supply and fit DC Isolator switch for battery bank and 2 x 160A fuses as per manufacturer's specifications. Include all the necessary trunking (NOTE: All AC and DC cables to run in separate trunking)	Sum	2.00
12.20	PV Modules		
	Supply and fit PV Modules. Minimum: Peak power 545 Watts each. PV modules to be fitted at top of ticket office roof such that maximum solar radiation is absorbed by solar panel. Include all brackets, cables, lugs and ferrules as per manufacturer's specifications	Item	24.00
12.21	Supply and fit PV Combinder box with protection for PV modules as per manufacturer's specifications. Include all the necessary trunking (NOTE: All AC and DC cables to run in separate trunking)	Item	2.00
12.22	Supply, manufacture and install a vandal-proof frame to secure PV modules at the top roof with Galvanised steel frame sufficiently braced on all sides, to be made in sections to mount the 24 PV modules at least in two rows. 32mm Square with a minimum thickness of 2mm tubing mount structure to be manufacture for a flat roof structure.	Item	1.00
12.23	Supply and fit AC Combinder box with protection for both grid and Inverter as per manufacturer's specifications. Include all the necessary trunking (NOTE: All AC and DC cables to run in separate trunking)	Item	1.00
12.24	DB		
	Supply and fit surface mount distribution boards. Include DC and AC protection circuit breakers and surge protection. Include Modular LED indicating light with Green & Red LED for both three phases for invetor and municipal supply. Include all relevant cables, lugs and ferrules as per manufacturer's specifications.	Sum	1.00
12.25	Plug Sockets		
	Supply and fit standard surface mounted double plug sockets.	Item	4.00

12.26	Light Switches				
	Supply and fit standard surface mounted light switches.	Item	4.00		
12.27	Surflex Cable				
	Supply and fit twin-and-earth 2.5mm2 from Inverter to plug socket and lights.	m	200.00		
12.28	LED Light Fittings for Ticket Office				
	Supply and fit LED office type fittings. 4-Foot double. Cool white. Lights to be energized by Solar Array.	Item	10.00		
12.29	LED Flood Lights for Ticket verification				
	Supply and fit LED flood lights with automatic photo on/off switch. 220Vac. Heavy duty die cast 3000Lm minimum. Flood lights to be energized by Solar Array.	Item	6.00		
12.30	Test, Commision, After service and Warranty				
	Commissioning of Solar PV system and provide 10 years warranty on Inverter and batteries. 12 months gurrantee on parts and workmanship. Provide 12 months maintenace, checks, cleaning of panels and general teething problems and resetting of inverter for nuisance trips	Item	1.00		
12.31	Allow for supply and installation of EMI smart meter as per City of Cape Town SSEG Bi-Laws and installation of CT coils for all three phases to curb back feed	Item	1.00		
12.32	Allow for SSEG registration with the City of Cape Town	Item	1.00		
	Carried to Total				R
	<u>BILL NO.13</u>				
13.1	Allow an amount of R 10 000.00 for Supply and fit new fire equipments which include the signages.The amount to be utilized at the discretion of the PRASA Project manager.	Item		R 10,000.00	R 10,000.00
	<u>BILL NO.14</u>				
	<u>LIFTS</u>				
	<u>BUDGETARY ALLOWANCES</u>				
14.1	Allow an amount of R 100 000.00 for new purpose made for inspection, repairing, upgrading the old system, testing and commissioning of a lift. The amount to be utilized at the discretion of the PRASA Project manager.	Item		R 100,000.00	R 100,000.00
	Carried to Total				R 100,000.00

<u>SUMMARY</u>			
1	PRELIMINARIES AND GENERAL COSTS-		R
2	ALTERATIONS, DEMOLITIONS,ETC-		R
3	EXTERNAL		R
4	CONCOURSE		R
5	STAFF ONLY OFFICE		R
6	TICKET OFFICE		R
7	PUBLIC ABLUTION		R
8	STAIRS LEADING PLATFORM		R
9	PLATFORM		R
10	PLUMBING AND DRAINAGE-		R
11	SIGNAGE		R 150,000.00
12	ELECTRICAL		R
13	FIRE EQUIPMENTS		R 10,000.00
14	LIFTS		R 100,000.00
		SUB-TOTAL	R -
		CONTIGENCY (10%)	R -
		SUB-TOTAL (SUB-TOTAL + CONTIGENCY)	R -
		VAT(15%)	R -
		TOTAL	R -