



public works
& infrastructure

Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

**TERMS OF REFERENCE: 12 MONTHS SERVICING AND REPAIRS OF
ACCESS CONTROL AT 581 SWART, 286 ALBERTUS, 302 EMUS
ERUSMUS, 230 RIGEL, 320 RIGEL, 61 DENNIS ROAD, 266 AURIGA,
262 MILNER, 285 JULIUS JEPPE, 230 RIGEL, 322 RIGEL AND 249
ALBERT: 3226102**

ID: 3226102

1 PURPOSE

To invite companies to repair and servicing of access control in waterkloof ministerial houses.

2 ABOUT THE DEPARTMENT

The mandate of the department of public works (DPWI) is, inter alia, bid servicing and repair of access control in Waterkloof ministerial houses.

3 SCOPE OF WORK

3.1 The required service to be completed as per department's satisfactory.

3.2 All work to be coordinated with DPWI (project manager responsible on site) and SAPS (access to be arranged with SAPS prior security cleared appointed service provider can resume with work on site)

4 MINIMUM REQUIREMENTS APPLICABLE TO THIS BID

4.1 Administrative responsiveness Criteria

Failure to comply with the criteria state hereunder shall result in the tender offer being disqualified from further consideration:

4.1.1 Bid form must be properly received on the bid closing date and time specified on the invitation, fully completed and signed in ink.

4.1.2 Submission of PA-11: Declaration of interest and bidder's past supply chain management practices.

4.1.3 Submission of PA-29: Certificate of Independent Bid Determination.

4.1.4 Provide proof of a registration on the National Treasury Central Suppliers Database by completing the invitation to bid form PA 32 with supplier registration number and unique registration reference number.

4.1.5 Submission of a complete Price Schedule

4.1.6 All materials to be used must be SABS approved to meet national and international quality and performance standards.

4.1.7 Company must be **PSIRA** registered (certified copy must be attached)

4.1.8 Letter of good standing from department of labour must be attached

4.2 Infrastructure Requirements

The following resource requirements must be complied with and be included in the Bid price:

4.2.1 To ensure that all the required repairs are covered

4.2.2 Ensure Act 205 compliance and Engineering certification is supplied to the Department

4.2.3 All material, travelling and labour must be included at the cost of the tenderer

4.2.4 Must comply with the Occupational Health and Safety regulations

4.2.5 The Service Provider shall be liable for the Security of all the material and equipment's for the period of the project.

5. ALL POTENTIAL SERVICE PROVIDER TO NOTE THE FOLLOWING:

5.1 The service provider must have the companies' liabilities and insurance.

5.2 Upon completion of the project, a close-out report with photographic images of the focal points of the project should be handed to DPW.

6. RESPONSIBILITIES

6.1 **DPW:** The departmental officials, who are involved in for the event will be responsible for:

- Providing the necessary detail and information arrangements in a form of a Project Plan that the required service requirements are understood
- Rendering all reasonable assistance in executing the service
- Granting the service providers access to the areas.

6.2 **SERVICE PROVIDER:** The personnel, who is involved in the project will be responsible for:

- Executing services as stipulated in the terms of reference
- Keep site safe and clean at all times especially after hours
- Timeous delivery of services as stipulated on approved Projects Execution Plan.
- Upon request from the Department remove any resource employed from site should the service rendered by the resource not be in accordance with Departmental requirements.
- Submission of the closeout report as stated in clause 5.2
- Timeous submission of correct detailed invoices for services rendered in order for payments to be effected by DPW within 30 days of receipt as per Bid stipulation.
- Any additional work not approved by the DPWI will be for their own account
- Any damage to the structure or pavement will be at the cost of the service provider
- The DPWI has the right to reduce the scope as in when required.

7. ENQUIRIES:

Technical queries

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12 MONTHS SERVICING AND MAINTENANCE OF ACCESS CONTROL IN PRETORIA

REFERENCE NUMBER :

SCHEDULE ONE (1) SCHEDULED MATERIAL

12 MONTHS SERVICING AND REPAIR OF ACCESS CONTROL IN WATERKLOOF MINISTERIAL HOUSES
WILL BE MADE AVAILABLE ON DEMAND AND TO THE SUCCESSFUL BIDDER

ALL MATERIALS ARE TO BE OFF SOUTH AFRICAN MANUFACTURE AND SABS APPROVED. PROOF OF MATERIALS SOURCED TO BE ATTACHED TO THIS TENDER.

ITEM	DESCRIPTION		QTY	UNIT PRICE	TOTAL PRICE
1: AUTOMATED GATES					
1.1	Sliding Gates				
a.	Centurion D5 Motor -complete		ea		
b.	Centurion D10 Motor -complete		ea		
c.	Centurion D10 smart Motor -complete		ea		
d.	Centurion D 20 smart Motor- complete		ea		
e.	Gemini 24V DC		ea		
f.	Autogate Heavy Duty Gate Operator-Complete 1500kg;2.2kw		ea		
1.2	Swing Gates				
a.	Centurion Vantage 500 Operator -complete		ea		
b.	Centurion Vantage 400 Operator -complete		ea		
c.	Centurion Rotary Swing R3		ea		
d.	Centurion Rotary Swing R5		ea		
e.	Gemini 24V DC		ea		
f.	Hansa 24V DC		ea		
1.3	Transmitters				
a.	Nova 4 button remote		ea		
b.	Nova 4 button pad		ea		
c.	Nova 3 button remote		ea		
d.	Nova 3 button pad		ea		
e.	Nova 2 button remote		ea		

f.	Nova 2 button pad			ea		
g.	Nova 1 button remote			ea		
h.	Nova 1 button pad			ea		
i.	Centurion 2 button remote			ea		
j.	Centurion 2 button pad			ea		
k.	Centurion 3 button remote			ea		
l.	Centurion 2 button pad			ea		
1.4	Controllers			ea		
a	Centurion D5			ea		
b	Centurion D10 smart			ea		
c	Centurion A10			ea		
d	Gemini 24V DC			ea		
e	Centurion Vantage 500 Operator			ea		
f	Centurion Vantage 400 Operator			ea		
g	Centurion Rotary Swing R3			ea		
h	Centurion Rotary Swing R5			ea		
i	Gemini 24V DC			ea		
j	Hansa 24V DC			ea		
k	Centurion D20 smart			ea		
L	Autogate Heavy Duty			ea		
1.5	Origin Sensors			ea		
a	Centurion D5 sensor			ea		
b	Centurion D10 sensor			ea		
c	Centurion A10 sensor			ea		
d	Gemini 24V DC sensor			ea		
e	Centurion Vantage 500 Operator sensor			ea		
f	Centurion Vantage 400 Operator sensor			ea		
g	Centurion Rotary Swing R3 sensor			ea		
h	Centurion Rotary Swing R5 sensor			ea		
i	Gemini 24V DC sensor			ea		
j	Hansa 24V DC sensor			ea		
k	Centurion D20 sensor			ea		
L	D5 EVO power supply			ea		
M	D10 smart power supply			ea		
N	D 10 Evo power supply			ea		
O	D 20 smart power supply			ea		
p	Gemini power supply			ea		
Q	Blue motor power supply			ea		
R	Garage door motor charger 24v			ea		

1.6	Ancillary Equipment				
a	Light fuse 3A			ea	
b	Motor fuse 30A ATO			ea	
c	Anti Theft bracket			ea	
d	Side covers			ea	
e	Foundation plate			ea	
f	12V 7.2 Ah Battery			ea	
g	12V 10 Ah Battery			ea	
h	24v 7.2 Ah Battery			ea	
i	2A 12V charger			ea	
j	5A 24V Charger			ea	
k	Locakable manual release access door			ea	
l	Encoder sensor			ea	
m	Gear box oil			p/l	
n	Round bar track installed			ea	
o	Gate rack fully installed-metal			ea	
p	Gate rack fully installed high density plastic			ea	
q	Rollers fully installed			ea	
r	Roller guides set of 4 – fully installed 8mm			ea	
s	Roller guidesset of 4 – fully installed up 12mm			ea	
t	Roller guides set of 4 – fully installed up 16mm			ea	
u	Gearbox for sliding gate			ea	
v	Arms /Linkages for gate motor			ea	
w	Alignment of gate track inclusive of welding and angle iron or 8mm round bar			ea	
x	Steel gate wheels 60mm set of 4			ea	
y	Steel gate wheels 80mm set of 4			ea	
z	Steel gate wheels 100mm set of 4			ea	

2	ELECTRIC FENCING				
a	Clearance of fence of debris and vegetation				
b	Fence posts			p/cum	
c	outriggers bracketed with plate			ea	
d	Fencing bracket off set triple anti dig			ea	
e	Fencing bracket off set triple live up			ea	
f	Fencing bracket off set single live up			ea	
g	Fencing bracket off set double live up			ea	
h	Fencing bracket off set double			ea	
i	Earth Spike			ea	
j	Earth and polarity testing			ea	
k	Battery 12V SLA 7.2AH			ea	
l	12V power supply			ea	
m	Certificate of Compliance			ea	
n	Surge suppressors			ea	
o	Fuses			ea	
p	Combo tensioner hybrid-BB 120kg			ea	
q	Combo tensioner hybrid-BD 150kg			ea	
r	Combo tensioner hybrid-DB 450kg			ea	
s	Combo tensioner hybrid-porcelain			ea	
t	Combo tensioner hybrid-standard			ea	
u	S- hook			ea	
v	S- hook through hole			ea	
w	Standard tensioner			ea	
x	U- hook			ea	
y	Wire strainer heavy duty			ea	
z	Wire strainer heavy duty-plastic			ea	

aa	Wire strainer heavy duty -porcelain			ea		
bb	Strainer post end and corner			ea		
cc	Stariner post stays			ea		
dd	Y pivot -galvanised			ea		
ee	Gate handle with spring hook			ea		
ff	Alarm strobe light			ea		
gg	Earth Spike anodised			ea		
hh	Fence light -timed			ea		
ii	Earthing rod			ea		
jj	Braided wire strands aluminium			p/m		
kk	Braided wire strands steel			p/m		
ll	Gate contacts			ea		
mm	06mm ferrules			ea		
nn	Crimps			ea		
oo	Spring Hook large tail			ea		
pp	Spring Comp			ea		
qq	Braided wire strands anodised			p/m		
uu	Joint clamps			ea		
w	Warning signs- installed			ea		
ww	Pilot lights			ea		
xx	Merlin Energiser 8J Stealth			ea		
yy	JVA Z14 Energiser			ea		
zz	Cable HT Slimline Black			ea		
ab	Sound devices-siren			ea		
ac	Sherlo 2CH Code hopping			ea		
ad	Sherlo 2CH Code 2 button hopping			ea		
ae	Bobbins			ea		
af	Strobe Light			ea		
ag	By-pass switch/tag			ea		
ah	Busbar insulator			ea		
ai	Nail on insulator			ea		
aj	Picket clip rope wire			p/m		
ak	Picket insulator			ea		
al	Picket insulator clip-porcelain fastner			ea		
am	Porcelain insulator			ea		

an	Porcelain insulaor-strain			ea		
ao	Strain insulator- Jumbo			ea		
ap	Strain insulator-Ultra			ea		
aq	Tension bobbin insulator			ea		
ar	Wooden post insulator			ea		
as	Y Standard insulator			ea		
at	Line clamp bolt type			ea		
au	Line clamp claw type			ea		
av	Line clamp U type 8mm			ea		
aw	Enclosure : Aluminium large			ea		
ax	Enclosure : Reinforced fibre X large			ea		
ay	Druid one zone - keypad			ea		
az	Druid two zone - keypad			ea		
bb	Tag for by pass			ea		
bc	Single pole lightning protector			ea		
bd	Druid 25 Dual zone 5 Joule			ea		
be	Druid 114 LCD Dual zone 14 Joule			ea		
bf	Druid 28 LCD Dual zone 8 Joule			ea		
bg	Solid galvanised wire			p/m		
bh	Stranded galvanised wire			p/m		
bi	Stranded galvanised wire XL			p/m		
bj	Merlin Stealth M283 -x 8 Joule			ea		
bk	Test system and report back			ea		

3	ALARMS SYSTEMS SABS approved. Equivalent to National Security and Fire. Proof of SABS approval to be attached to tender				
a	Master Control 8 Zone			ea	
b	Master Control 16 Zone			ea	
c	Master Control 16 Zone Expandable			ea	
d	Sub Control panel			ea	
e	KeyPad			ea	
f	Strobe light			ea	
g	Siren			ea	
i	Smoke Sensor			ea	
j	Water Sensor			ea	
k	Break Glass sensor			ea	
l	Motion Detector PIR			ea	
m	Window Sensor			ea	
n	Door Sensor			ea	
o	Wall Plates			ea	
p	Wiring Panel (Alarm systems)			ea	
q	12V transformer			ea	
r	12V Battery 7.2 ah			ea	
s	Panic Button			ea	
t	Alarm wire(twin flex)			p/m	

4	DOOR BELLS SABS approved. Proof to be attached to tender				
a	Doorbell complete wired				
b	Doorbell push in enclosure			ea	
c	Doorbell receiver			ea	
d	Batteries AAA			ea	
e	Batteries AA			ea	
5	INTERCOM- Equivalent to COMMAX or SABS approved. Proof to be attached to tender				
a	Video intercom				
b	Video intercom handset			ea	
c	Voice only Hand set 1:1			ea	
d	Voice only Hand set 1:2			ea	
e	Voice only Hand set 1:3			ea	
f	Slave handset 1:2			ea	
g	Master 1:2			ea	
i	Master 1:3			ea	
j	1 Button gate station			ea	
k	2 Button gate station			ea	
l	Intercom rain shield			ea	
m	Goose neck			ea	
n	CAT 6 0.9mm cable			ea	
o	20mm PVC conduit sleeve			p/m	
p	20mm metal conduit sleeve			p/m	
q	1.5mm surfix fully installed			p/m	
r	2.5mm surfix fully installed			p/m	
s	Trenching 300mm deep			p/m	

6	AUTOMATED GARAGE DOORS			
a	Garage door remote 4 button			
b	Remote button pad			ea
c	Batteries for remotes			ea
d	12 V battery 7 AH			ea
e	Multifunctional push button control			ea
f	Wall attachment bracket			ea
g	Door attachment bracket			ea
i	PLC board			ea
j	Traveler assembly			ea
k	Light fuse 5A to 10 A			ea
l	Emergency release cord			ea
m	Connecting straight arm			ea
n	Connecting bent arm			ea
o	Aerial			ea
p	Proximity sensors			ea
q	Remote receiver			ea
r	Lubrication of moving parts			ea
s	Replacement of rollers			ea
t	Replacement of wheels			ea
u	Reprogramming remotes			ea
v	Centurion garage door motor			ea
w	Blue garage door motor			ea
x	Gemini garage door motor			ea
y	24v battery 4AH			ea
				ea

7: CERTIFICATE OF COMPLIANCE

a.	Testing of Installation and Issue of a full Compliance certificate in accordance with OHS Act and SANS 10142 Code of Practice for Electrical Installations.	1		
b.	Testing of Installation and Issue of a partial Compliance certificate in accordance with OHS Act and SANS 10142 Code of Practice for Electrical Installations.	1		

8 : GATE MOTORS

8.1	Supply Centurion gate and garage door motor's electric motor.			
a.	D5 electric motor	1	R	R
b.	D10 electric motor	1	R	R
c.	D 20 electric motor	1	R	R
d.	Gemini electric motor	1	R	R
e.	Blue garage door electric motor	1	R	R

SCHEDULE ONE (1) TOTAL CARRIED TO SUMMARY PAGE**SCHEDULE TWO (2) NON SCHEDULED MATERIAL AND LABOUR RATES FOR THE DURATION OF THE CONTRACT.**

ITEM	DESCRIPTION	QTY	RATE	Total
9: MATERIAL				
MATERIAL: MARK - UP ON ALLOWANCE FOR NON-SCHEDULE MATERIAL CALCULATED AT 20%				
9.1		1	20%	20%
10: LABOUR				
10.1	LABOUR: NORMAL WORKING HOURS			
10.1:1	Skilled Artisan	1		
10.1:2	General Assistance	1		
10.2	LABOUR: OVERTIME, SUNDAY AND PUBLIC HOLIDAYS			
10.2:1	Skilled Artisan	1		
10.2:2	General Assistance	1		

DESCRIPTION		QTY	RATE		
1	MATERIAL		% m/up 25% or <		
	Mark-up on allowance for non-schedule material.				
	Proof of original purchase to be provided on above materials	1			
2	LABOUR				
	The rates for labour will be deemed to include for all statutory minimum labour rates, contribution to bonus, holiday, pension, medical aid funds etc. as well as for normal working hours, overtime, Sunday and holiday time.				
2.1	LABOUR NORMAL WORKING HOURS				
2.1.1	Skilled Artisan	per/hr			
2.1.2	Semi-Skilled (only deemed when relevant)	per/hr			
2.1.3	General Assistant	per/hr			
2.2	LABOUR OVERTIME: SUNDAYS AND PUBLIC HOLIDAYS				
2.2.1	Skilled Artisan	per/hr			
2.2.2	Semi-Skilled (only deemed when relevant)	per/hr			
2.2.3	General Assistant	per/hr			
2.3	LABOUR OVERTIME: AFTER HOURS				
2.3.1	Skilled Artisan	per/hr			
2.3.2	Semi-Skilled (only deemed when relevant)	per/hr			
2.3.3	General Assistant	per/hr			
SCHEDULE TWO (2) TRANSPORT (LIMITED TO A 30KM RADIUS FROM CENTRAL POST OFFICE- PRETORIA)					
DESCRIPTION		QTY	RATE		
1	Transport for travelling : Transport costs to be inclusive of , supervisor /artisan/labour/driver/travelling/fuel/and maintenance of vehicle and Toll fees. Transport costs will be limited to a 30km radius of the Central Post Office -Pretoria. Any costs outside the radius will not be paid and will be for the contractors account.	per/km			
TOTAL					
VAT					
TOTAL INCLUSIVE OF VAT TO BE CARRIED FORWARD TO TENDER FORM(COMPULSARY)					
TENDER WILL BE DISREGARDED IF INCORRECT FIGURES ARE PRODUCED, IT IS IMPERATIVE THAT ALL PRICES ARE CHECKED THOROUGHLY					
TOTAL IN WORDS :					
COMPANY STAMP					

SCHEDULE TWO (2) TOTAL CARRIED TO SUMMARY PAGE					
SCHEDULE THREE (3) TRANSPORT INSIDE CORE AREA FOR THE DURATION OF THE CONTRACT.					
ITEM	DESCRIPTION		QTY	RATE FOR 1ST YEAR	RATE FOR 2ND YEAR
11: TRANSPORT					
11.1	Transport for travelling inside core define area (Core define area is the District(30km return trip, outside this area the cost is on the contractor.)		1		
SCHEDULE THREE (3) TOTAL CARRIED TO SUMMARY PAGE					
SUMMARY PAGE					
1.	Total brought forward from Schedule One (1)				
2.	Total brought forward from Schedule Two Labour Rates (2)				
3	Total brought forward from Schedule Three : Transport				
TOTAL IN WORDS:					
				SUB TOTAL	
				VAT	
TOTAL CARRIED FORWARD TO TENDER FORM DPW-07(EC)					
TOTAL IN WORDS:					