



education

Department of
Education
FREE STATE PROVINCE

UNPRICED BILL OF QUANTITIES (SPECIFICATION DOCUMENT)

for

**UPGRADING OF SECURITY INFRASTRUCTURE AT
EXAMINATION CENTRES, NODAL AND
DISTRIBUTION FACILITIES IN THE FREE STATE**

E1/2021/2022

**APPROVAL OF SPECIFICATION:
HEAD OF DEPARTMENT: FREE STATE DEPARTMENT OF EDUCATION**

Approved		Approved as amended	.	Not Approved	
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Mark with an "X" as appropriate

Signature

Print Name

Date

Enquiries Contact:

Name: Mr N. Mangali
Telephone: (051) 404 9201
Fax: N/A
E-mail: N.Mangali@fseducation.gov.za



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Department of
Education
FREE STATE PROVINCE

UNPRICED BILL OF QUANTITIES (SPECIFICATION DOCUMENT)

for

UPGRADING OF SECURITY INFRASTRUCTURE AT EXAMINATION CENTRES, NODAL AND DISTRIBUTION FACILITIES IN THE FREE STATE

E1/2021/2022

BID PROPOSAL SUBMITTED BY:

Name of Company :

Contact Name :

Contact No. :

Address :

Tender Amount (VAT Incl.) :

Issued by:

Department of Education, Free State province

Supply Chain Management

Plot 22, N8 Gateway Office Park

c/o Rudolf Greyling & AW Louw Streets

Estoire

Bloemfontein

9300

Enquiries Contact:

Name: Mr N. Mangali

Telephone: (051) 404 9201

Fax: N/A

E-mail: N.Mangali@fseducation.gov.za

INSTALLATION WORKS

Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 1</u>				
	<u>ALARMS, PANIC SYSTEMS AND ARMED RESPONSE</u>				
	<u>ALARM SYSTEMS</u>				
	<u>Alarm panels, etc.</u>				
1	Provide and install "IDS" Type X16 eight (8) zone alarm panel system (expandable) (Product Code: 860-1-473-x16)	No	1		
	<u>Keypads and keyfobs, etc.</u>				
2	Provide and install "IDS" X-Series multi-language functioning LCD curved keypad suitable for "IDS" Type X16 eight (8) zone alarm panel system	No	1		
	<u>Infrared Detectors, etc.</u>				
3	Provide and supply "Risco" anti-cloak iWise Grade 3 infrared detector capable of 15m activation range (Product Code: RK815DTBG3)	No	4		
	<u>Sounders and Sirens, etc.</u>				
4	Compact 15W siren	No	1		
	<u>Magnetic Contacts, etc.</u>				
	<u>Provide and supply superior quality one-way (from inside secure area) magnetic door contacts integrated to wired alarm system</u>				
5	On doors	No	2		
	<u>CABLES, ETC. (PROVISIONAL)</u>				
	<u>White PVC insulated communications cables installed neatly against vertices of walls and similar surfaces</u>				
6	0,22mm 8-Core	m	100		
	<u>White PVC insulated ripcords installed neatly against vertices of walls and similar surfaces</u>				
7	0,22mm	m	100		
	Carried forward				

ALTERNATIVE POWER SOURCES

Power Supply Units, Batteries, etc.

- 8 16V A/C power supply unit suitable (PSU) for wired alarm system capable of delivering 40VA - 2.5 Amps
- 9 "Securiprod" 12V 7AH 4,8mm battery suitable for power supply units (elsewhere quantified)

No

No

1

1

Carried forward to Section Summary

Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 2</u>				
	<u>SURVEILLANCE SYSTEMS</u>				
	<u>PRELIMINARY PREAMBLES</u>				
	<u>Replacement of DVRs</u>				
	Contractors are advised to ensure that when new DVR systems are installed where the surveillance cameras are still functional (not being replaced), they shall ensure their compatibility. The rule of thumb being that where the cameras are of an older model and of the class: 720p, only 720p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. Similarly, where the cameras are newly installed or are of an older model and of the class: 1080p, only 1080p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. It is therefore imperative that contractors ensure the class of the cameras already installed and if not certain, contact a representative of the Department of Education for clarity before commencing with works.				
	<u>DIGITAL VIDEO RECORDERS, ETC. (PROVISIONAL)</u>				
1	Provide and install 8 Channel HD-TVI 720-pixel Digital Video Recorder (DVR) system (Product Code: DS-7108HGHI-F1) suitable and compatible with existing surveillance system, complete with operating system for recording, playback, storage and archiving, etc.	No	1		
	<u>HARD DRIVES, ETC.</u>				
2	Provide and install Skyhawk™ 14TB Surveillance Hard Drive to be operational and compatible with existing surveillance system	No	1		
	<u>MONITORS, ETC.</u>				
3	Provide and install 40-inch Full High Definition (FHD) LED Display monitor (Product Code: HX40N2176F) to be operational and compatible with existing surveillance system, including, cabling and wall mounting unit, etc.	No	1		
	Carried forward to Section Summary				

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Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 1</u>				
	<u>ALARMS, PANIC SYSTEMS AND ARMED RESPONSE</u>				
	<u>ALARM SYSTEMS</u>				
	<u>Alarm panels, etc.</u>				
1	Provide and install "IDS" Type X16 eight (8) zone alarm panel system (expandable) (Product Code: 860-1-473-x16)	No	1		
	<u>Keypads and keyfobs, etc.</u>				
2	Provide and install "IDS" X-Series multi-language functioning LCD curved keypad suitable for "IDS" Type X16 eight (8) zone alarm panel system	No	1		
	<u>Infrared Detectors, etc.</u>				
3	Provide and supply "Risco" anti-cloak iWise Grade 3 infrared detector capable of 15m activation range (Product Code: RK815DTBG3)	No	4		
	<u>Sounders and Sirens, etc.</u>				
4	Compact 15W siren	No	1		
	<u>Magnetic Contacts, etc.</u>				
	<u>Provide and supply superior quality one-way (from inside secure area) magnetic door contacts integrated to wired alarm system</u>				
5	On doors	No	2		
	<u>CABLES, ETC. (PROVISIONAL)</u>				
	<u>White PVC insulated communications cables installed neatly against vertices of walls and similar surfaces</u>				
6	0,22mm 8-Core	m	100		
	<u>White PVC insulated ripcords installed neatly against vertices of walls and similar surfaces</u>				
7	0,22mm	m	100		
	Carried forward				

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Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 2</u>				
	<u>SURVEILLANCE SYSTEMS</u>				
	<u>PRELIMINARY PREAMBLES</u>				
	<u>Replacement of DVRs</u>				
	Contractors are advised to ensure that when new DVR systems are installed where the surveillance cameras are still functional (not being replaced), they shall ensure their compatibility. The rule of thumb being that where the cameras are of an older model and of the class: 720p, only 720p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. Similarly, where the cameras are newly installed or are of a newer model and of the class: 1080p, only 1080p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. It is therefore imperative that contractors ensure the class of the cameras already installed and if not certain, contact a representative of the Department of Education for clarity before commencing with works.				
	<u>DIGITAL VIDEO RECORDERS, ETC. (PROVISIONAL)</u>				
1	Provide and install 8 Channel HD-TVI 720-pixel Digital Video Recorder (DVR) system (Product Code: DS-7108HGHI-F1) suitable and compatible with existing surveillance system, complete with operating system for recording, playback, storage and archiving, etc.	No	1		
	<u>HARD DRIVES, ETC.</u>				
2	Provide and install Skyhawk™ 14TB Surveillance Hard Drive to be operational and compatible with existing surveillance system	No	1		
	<u>MONITORS, ETC.</u>				
3	Provide and install 40-inch Full High Definition (FHD) LED Display monitor (Product Code: HX40N2176F) to be operational and compatible with existing surveillance system, including, cabling and wall mounting unit, etc.	No	1		
	Carried forward to Section Summary				

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Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 1</u>				
	<u>ALARMS, PANIC SYSTEMS AND ARMED RESPONSE</u>				
	<u>ALARM SYSTEMS</u>				
	<u>Alarm panels, etc.</u>				
1	Provide and install "IDS" Type X16 eight (8) zone alarm panel system (expandable) (Product Code: 860-1-473-x16)	No	1		
	<u>Keypads and keyfobs, etc.</u>				
2	Provide and install "IDS" X-Series multi-language functioning LCD curved keypad suitable for "IDS" Type X16 eight (8) zone alarm panel system	No	1		
	<u>Infrared Detectors, etc.</u>				
3	Provide and supply "Risco" anti-cloak iWise Grade 3 infrared detector capable of 15m activation range (Product Code: RK815DTBG3)	No	4		
	<u>Sounders and Sirens, etc.</u>				
4	Compact 15W siren	No	1		
	<u>Magnetic Contacts, etc.</u>				
	<u>Provide and supply superior quality one-way (from inside secure area) magnetic door contacts integrated to wired alarm system</u>				
5	On doors	No	2		
	<u>CABLES, ETC. (PROVISIONAL)</u>				
	<u>White PVC insulated communications cables installed neatly against vertices of walls and similar surfaces</u>				
6	0,22mm 8-Core	m	100		
	<u>White PVC insulated ripcords installed neatly against vertices of walls and similar surfaces</u>				
7	0,22mm	m	100		
	Carried forward				

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Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 2</u>				
	<u>SURVEILLANCE SYSTEMS</u>				
	<u>PRELIMINARY PREAMBLES</u>				
	<u>Replacement of DVRs</u>				
	Contractors are advised to ensure that when new DVR systems are installed where the surveillance cameras are still functional (not being replaced), they shall ensure their compatibility. The rule of thumb being that where the cameras are of an older model and of the class: 720p, only 720p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. Similarly, where the cameras are newly installed or are of a newer model and of the class: 1080p, only 1080p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. It is therefore imperative that contractors ensure the class of the cameras already installed and if not certain, contact a representative of the Department of Education for clarity before commencing with works.				
	<u>SURVEILLANCE CAMERAS, ETC.</u>				
1	Provide and install new "HikVision" high-focal 720-pixel HD-TVI Bullet camera with 2.8 - 12mm lenses and Infrared view range of 40m	No	4		
	<u>Extra over surveillance cameras, etc.</u>				
2	6mm male crimp plug	No	8		
3	Direct current lead with plug and connector	No	4		
4	115 × 115 × 48mm universal camera unit mount and enclosure	No	4		
5	RG-59 black coaxial cable with power	m	40		
	<u>DIGITAL VIDEO RECORDERS, ETC. (PROVISIONAL)</u>				
6	Provide and install 8 Channel HD-TVI 720-pixel Digital Video Recorder (DVR) system (Product Code: DS-7108HGHI-F1) suitable and compatible with existing surveillance system, complete with operating system for recording, playback, storage and archiving, etc.	No	1		
	Carried forward				

<u>HARD DRIVES, ETC.</u>					
7	Provide and install Skyhawk™ 14TB Surveillance Hard Drive to be operational and compatible with existing surveillance system	No	1		
<u>MONITORS, ETC.</u>					
8	Provide and install "HiSense" 40-inch Full High Definition (FHD) LED Display monitor (Product Code: HX40N2176F) to be operational and compatible with existing surveillance system, including, cabling and wall mounting unit, etc.	No	1		
Carried forward to Section Summary					

**XHARIEP DISTRICT OFFICE - N8 GATEWAY OFFICE PARK
BLOEMFONTEIN**

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**XHARIEP DISTRICT OFFICE - N8 GATEWAY OFFICE PARK
BLOEMFONTEIN**

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Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 1</u>				
	<u>ALARMS, PANIC SYSTEMS AND ARMED RESPONSE</u>				
	<u>ALARM SYSTEMS</u>				
	<u>Alarm panels, etc.</u>				
1	Provide and install "IDS" Type X16 eight (8) zone alarm panel system (expandable) (Product Code: 860-1-473-x16)	No	1		
	<u>Keypads and keyfobs, etc.</u>				
2	Provide and install "IDS" X-Series multi-language functioning LCD curved keypad suitable for "IDS" Type X16 eight (8) zone alarm panel system	No	1		
	<u>Infrared Detectors, etc.</u>				
3	Provide and supply "Risco" anti-cloak iWise Grade 3 infrared detector capable of 15m activation range (Product Code: RK815DTBG3)	No	4		
	<u>Sounders and Sirens, etc.</u>				
4	Compact 15W siren	No	1		
2	<u>Magnetic Contacts, etc.</u>				
	<u>Provide and supply superior quality one-way (from inside secure area) magnetic door contacts integrated to wired alarm system</u>				
5	On doors	No	2		
	<u>CABLES, ETC. (PROVISIONAL)</u>				
	<u>White PVC insulated communications cables installed neatly against vertices of walls and similar surfaces</u>				
6	0,22mm 8-Core	m	100		
	<u>White PVC insulated ripcords installed neatly against vertices of walls and similar surfaces</u>				
7	0,22mm	m	100		
	Carried forward				

ALTERNATIVE POWER SOURCES

Power Supply Units, Batteries, etc.

- 8 16V A/C power supply unit suitable (PSU) for wired alarm system capable of delivering 40VA - 2.5 Amps
- 9 "Securiprod" 12V 7AH 4,8mm battery suitable for power supply units (elsewhere quantified)

No

1

No

1

Carried forward to Section Summary

Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 2</u>				
	<u>SURVEILLANCE SYSTEMS</u>				
	<u>PRELIMINARY PREAMBLES</u>				
	<u>Replacement of DVRs</u>				
	Contractors are advised to ensure that when new DVR systems are installed where the surveillance cameras are still functional (not being replaced), they shall ensure their compatibility. The rule of thumb being that where the cameras are of an older model and of the class: 720p, only 720p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. Similarly, where the cameras are newly installed or are of a newer model and of the class: 1080p, only 1080p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. It is therefore imperative that contractors ensure the class of the cameras already installed and if not certain, contact a representative of the Department of Education for clarity before commencing with works.				
	<u>DIGITAL VIDEO RECORDERS, ETC. (PROVISIONAL)</u>				
1	Provide and install 8 Channel HD-TVI 720-pixel Digital Video Recorder (DVR) system (Product Code: DS-7108HGHI-F1) suitable and compatible with existing surveillance system, complete with operating system for recording, playback, storage and archiving, etc.	No	1		
	<u>HARD DRIVES, ETC.</u>				
2	Provide and install Skyhawk™ 14TB Surveillance Hard Drive to be operational and compatible with existing surveillance system	No	1		
	<u>MONITORS, ETC.</u>				
3	Provide and install 40-inch Full High Definition (FHD) LED Display monitor (Product Code: HX40N2176F) to be operational and compatible with existing surveillance system, including, cabling and wall mounting unit, etc.	No	1		
	Carried forward to Section Summary				

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**BILL OF QUANTITIES FOR THE UPGRADING
OF SECURITY INFRASTRUCTURE AT EXAM
CENTRES/NODAL POINTS IN THE FREE STATE**

**WOOLWORTHS BUILDING
WELKOM**

Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 1</u>				
	<u>ALARMS, PANIC SYSTEMS AND ARMED RESPONSE</u>				
	<u>ALARM SYSTEMS</u>				
	<u>Alarm panels, etc.</u>				
1	Provide and install "IDS" Type X16 eight (8) zone alarm panel system (expandable) (Product Code: 860-1-473-x16)	No	1		
	<u>Keypads and keyfobs, etc.</u>				
2	Provide and install "IDS" X-Series multi-language functioning LCD curved keypad suitable for "IDS" Type X16 eight (8) zone alarm panel system	No	4		
	<u>Infrared Detectors, etc.</u>				
3	Provide and supply "Risco" anti-cloak iWise Grade 3 infrared detector capable of 15m activation range (Product Code: RK815DTBG3)	No	8		
	<u>Sounders and Sirens, etc.</u>				
4	Compact 15W siren	No	3		
	<u>Magnetic Contacts, etc.</u>				
	<u>Provide and supply superior quality one-way (from inside secure area) magnetic door contacts integrated to wired alarm system</u>				
5	On doors	No	6		
	<u>CABLES, ETC. (PROVISIONAL)</u>				
	<u>White PVC insulated communications cables installed neatly against vertices of walls and similar surfaces</u>				
6	0,22mm 8-Core	m	200		
	<u>White PVC insulated ripcords installed neatly against vertices of walls and similar surfaces</u>				
7	0,22mm	m	200		
	Carried forward				

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Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 2</u>				
	<u>SURVEILLANCE SYSTEMS</u>				
	<u>PRELIMINARY PREAMBLES</u>				
	<u>Replacement of DVRs</u>				
	Contractors are advised to ensure that when new DVR systems are installed where the surveillance cameras are still functional (not being replaced), they shall ensure their compatibility. The rule of thumb being that where the cameras are of an older model and of the class: 720p, only 720p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. Similarly, where the cameras are newly installed or are of a newer model and of the class: 1080p, only 1080p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. It is therefore imperative that contractors ensure the class of the cameras already installed and if not certain, contact a representative of the Department of Education for clarity before commencing with works.				
	<u>SURVEILLANCE CAMERAS, ETC.</u>				
	Provide and install new "HikVision" high-focal 720-pixel HD-TVI Bullet camera with 2.8 - 12mm lenses and Infrared view range of 40m in strategic positions	No	4		
	<u>Extra over surveillance cameras, etc.</u>				
	6mm male crimp plug	No	8		
	Direct current lead with plug and connector	No	4		
	115 × 115 × 48mm universal camera unit mount and enclosure	No	4		
	RG-59 black coaxial cable with power	m	40		
	<u>DIGITAL VIDEO RECORDERS, ETC. (PROVISIONAL)</u>				
1	Provide and install 8 Channel HD-TVI 720-pixel Digital Video Recorder (DVR) system (Product Code: DS-7108HGHI-F1) suitable and compatible with existing surveillance system, complete with operating system for recording, playback, storage and archiving, etc.	No	1		
	Carried forward				

<u>HARD DRIVES, ETC.</u>					
2	Provide and install Skyhawk™ 14TB Surveillance Hard Drive to be operational and compatible with existing surveillance system	No	1		
<u>MONITORS, ETC.</u>					
3	Provide and install 40-inch Full High Definition (FHD) LED Display monitor (Product Code: HX40N2176F) to be operational and compatible with existing surveillance system, including, cabling and wall mounting unit, etc.	No	1		
Carried forward to Section Summary					

**WOOLWORTHS BUILDING
WELKOM**

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**BILL OF QUANTITIES FOR THE UPGRADING
OF SECURITY INFRASTRUCTURE AT EXAM
CENTRES/NODAL POINTS IN THE FREE STATE**

**WOOLWORTHS BUILDING
WELKOM**

Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 4</u>				
	<u>STRONGROOMS AND SAFES</u>				
	<u>SAFES, ETC.</u>				
	<u>BURGLARY SAFES</u>				
1	Provide and bolt down to ground surfaces 65kg 380 × 450 × 440mm high "Mutual" Type RS0 category 1 fire reistant burglary safe with digital electronic locking system	No	1		
Carried forward to Section Summary					

Item Nr	Unit	Quantity	Rate	Amount
<u>SECTION 1</u>				
<u>BILL NO 5</u>				
<u>PLUMBING AND DRAINAGE</u>				
<u>FIRE APPLIANCES, ETC.</u>				
1	SABS approved 9kg dry chemical powder fire extinguisher with mounting bracket	No	3	
Carried forward to Section Summary				

**WOOLWORTHS BUILDING
WELKOM**

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Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 1</u>				
	<u>SURVEILLANCE SYSTEMS</u>				
	<u>PRELIMINARY PREAMBLES</u>				
	<u>Replacement of DVRs</u>				
	Contractors are advised to ensure that when new DVR systems are installed where the surveillance cameras are still functional (not being replaced), they shall ensure their compatibility. The rule of thumb being that where the cameras are of an older model and of the class: 720p, only 720p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. Similarly, where the cameras are newly installed or are of a newer model and of the class: 1080p, only 1080p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. It is therefore imperative that contractors ensure the class of the cameras already installed and if not certain, contact a representative of the Department of Education for clarity before commencing with works.				
	<u>SURVEILLANCE CAMERAS, ETC.</u>				
	<u>DIGITAL VIDEO RECORDERS, ETC. (PROVISIONAL)</u>				
1	Provide and install 8 Channel HD-TVI 720-pixel Digital Video Recorder (DVR) system (Product Code: DS-7108HGHI-F1) suitable and compatible with existing surveillance system, complete with operating system for recording, playback, storage and archiving, etc.	No	1		
	<u>HARD DRIVES, ETC.</u>				
2	Provide and install Skyhawk™ 14TB Surveillance Hard Drive to be operational and compatible with existing surveillance system	No	1		
	<u>MONITORS, ETC.</u>				
3	Provide and install 40-inch Full High Definition (FHD) LED Display monitor (Product Code: HX40N2176F) to be operational and compatible with existing surveillance system, including, cabling and wall mounting unit, etc.	No	1		
	Carried forward to Section Summary				

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Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 2</u>				
	<u>SURVEILLANCE SYSTEMS</u>				
	<u>PRELIMINARY PREAMBLES</u>				
	<u>Replacement of DVRs</u>				
	Contractors are advised to ensure that when new DVR systems are installed where the surveillance cameras are still functional (not being replaced), they shall ensure their compatibility. The rule of thumb being that where the cameras are of an older model and of the class: 720p, only 720p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. Similarly, where the cameras are newly installed or are of an older model and of the class: 1080p, only 1080p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. It is therefore imperative that contractors ensure the class of the cameras already installed and if not certain, contact a representative of the Department of Education for clarity before commencing with works.				
	<u>SURVEILLANCE CAMERAS, ETC.</u>				
	<u>DIGITAL VIDEO RECORDERS, ETC. (PROVISIONAL)</u>				
1	Provide and install 8 Channel HD-TVI 720-pixel Digital Video Recorder (DVR) system (Product Code: DS-7108HGHI-F1) suitable and compatible with existing surveillance system, complete with operating system for recording, playback, storage and archiving, etc.	No	1		
	<u>HARD DRIVES, ETC.</u>				
	Provide and install Skyhawk™ 14TB Surveillance Hard Drive to be operational and compatible with existing surveillance system	No	1		
	<u>MONITORS, ETC.</u>				
3	Provide and install 40-inch Full High Definition (FHD) LED Display monitor (Product Code: HX40N2176F) to be operational and compatible with existing surveillance system, including, cabling and wall mounting unit, etc.	No	1		
	Carried forward to Section Summary				

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Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 1</u>				
	<u>ALARMS, PANIC SYSTEMS AND ARMED RESPONSE</u>				
	<u>ALARM SYSTEMS</u>				
	<u>Alarm panels, etc.</u>				
1	Provide and install "IDS" Type X16 eight (8) zone alarm panel system (expandable) (Product Code: 860-1-473-x16)	No	1		
	<u>Keypads and key fobs, etc.</u>				
2	Provide and install "IDS" X-Series multi-language functioning LCD curved keypad suitable for "IDS" Type X16 eight (8) zone alarm panel system	No	1		
	<u>Infrared Detectors, etc.</u>				
3	Provide and supply "Risco" anti-cloak iWise Grade 3 infrared detector capable of 15m activation range (Product Code: RK815DTBG3)	No	4		
	<u>Sounders and Sirens, etc.</u>				
4	Compact 15W siren	No	1		
2	<u>Magnetic Contacts, etc.</u>				
	<u>Provide and supply superior quality one-way (from inside secure area) magnetic door contacts integrated to wired alarm system</u>				
5	On doors	No	2		
	<u>CABLES, ETC. (PROVISIONAL)</u>				
	<u>White PVC insulated communications cables installed neatly against vertices of walls and similar surfaces</u>				
6	0,22mm 8-Core	m	100		
	<u>White PVC insulated ripcords installed neatly against vertices of walls and similar surfaces</u>				
7	0,22mm	m	100		
	Carried forward				

ALTERNATIVE POWER SOURCES

Power Supply Units, Batteries, etc.

- 8 16V A/C power supply unit suitable (PSU) for wired alarm system capable of delivering 40VA - 2.5 Amps
- 9 "Securiprod" 12V 7AH 4,8mm battery suitable for power supply units (elsewhere quantified)

No

1

No

1

Carried forward to Section Summary

Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 2</u>				
	<u>SURVEILLANCE SYSTEMS</u>				
	<u>PRELIMINARY PREAMBLES</u>				
	<u>Replacement of DVRs</u>				
	Contractors are advised to ensure that when new DVR systems are installed where the surveillance cameras are still functional (not being replaced), they shall ensure their compatibility. The rule of thumb being that where the cameras are of an older model and of the class: 720p, only 720p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. Similarly, where the cameras are newly installed or are of a newer model and of the class: 1080p, only 1080p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. It is therefore imperative that contractors ensure the class of the cameras already installed and if not certain, contact a representative of the Department of Education for clarity before commencing with works.				
	<u>DIGITAL VIDEO RECORDERS, ETC. (PROVISIONAL)</u>				
1	Provide and install 8 Channel HD-TVI 720-pixel Digital Video Recorder (DVR) system (Product Code: DS-7108HGHI-F1) suitable and compatible with existing surveillance system, complete with operating system for recording, playback, storage and archiving, etc.	No	1		
	<u>HARD DRIVES, ETC.</u>				
2	Provide and install Skyhawk™ 14TB Surveillance Hard Drive to be operational and compatible with existing surveillance system	No	1		
	<u>MONITORS, ETC.</u>				
3	Provide and install 40-inch Full High Definition (FHD) LED Display monitor (Product Code: HX40N2176F) to be operational and compatible with existing surveillance system, including, cabling and wall mounting unit, etc.	No	1		
	Carried forward to Section Summary				

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Item Nr	Unit	Quantity	Rate	Amount
<u>SECTION 1</u>				
<u>BILL NO 5</u>				
<u>METALWORK</u>				
<u>STEEL RECORDROOM AND STRONGROOM DOORS, VENTILATORS, ETC.</u>				
<u>"Mutual" Type DS-3 strongroom doors, etc., suitable for 230mm thick walls fixed to brickwork or concrete</u>				
12mm double-locking strongroom door and frame 870 × 1970mm high overall with a mass of 260kg; and making good brickwork, cement plaster and paint and paint finishes to match existing	No	1		
Carried forward to Section Summary				

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Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 1</u>				
	<u>ALARMS, PANIC SYSTEMS AND ARMED RESPONSE</u>				
	<u>ALARM SYSTEMS</u>				
	<u>Alarm panels, etc.</u>				
1	Provide and install "IDS" Type X16 eight (8) zone alarm panel system (expandable) (Product Code: 860-1-473-x16)	No	1		
	<u>Keypads and keyfobs, etc.</u>				
2	Provide and install "IDS" X-Series multi-language functioning LCD curved keypad suitable for "IDS" Type X16 eight (8) zone alarm panel system	No	1		
	<u>Infrared Detectors, etc.</u>				
3	Provide and install anti-cloak iWise Grade 3 infrared detector capable of 15m activation range (Product Code: RK815DTBG3)	No	4		
	<u>Sounders and Sirens, etc.</u>				
4	Compact 15W siren	No	1		
	<u>Magnetic Contacts, etc.</u>				
	<u>Provide and supply superior quality one-way (from inside secure area) magnetic door contacts integrated to wired alarm system</u>				
5	On doors	No	2		
	<u>CABLES, ETC. (PROVISIONAL)</u>				
	<u>White PVC insulated communications cables installed neatly against vertices of walls and similar surfaces</u>				
6	0,22mm 8-Core	m	100		
	<u>White PVC insulated ripcords installed neatly against vertices of walls and similar surfaces</u>				
7	0,22mm	m	100		
	Carried forward				

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Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 2</u>				
	<u>SURVEILLANCE SYSTEMS</u>				
	<u>PRELIMINARY PREAMBLES</u>				
	<u>Replacement of DVRs</u>				
	Contractors are advised to ensure that when new DVR systems are installed where the surveillance cameras are still functional (not being replaced), they shall ensure their compatibility. The rule of thumb being that where the cameras are of an older model and of the class: 720p, only 720p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. Similarly, where the cameras are newly installed or are of a newer model and of the class: 1080p, only 1080p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. It is therefore imperative that contractors ensure the class of the cameras already installed and if not certain, contact a representative of the Department of Education for clarity before commencing with works.				
	<u>SURVEILLANCE CAMERAS, ETC.</u>				
	<u>DIGITAL VIDEO RECORDERS, ETC. (PROVISIONAL)</u>				
1	Provide and install 8 Channel HD-TVI 720-pixel Digital Video Recorder (DVR) system (Product Code: DS-7108HGHI-F1) suitable and compatible with existing surveillance system, complete with operating system for recording, playback, storage and archiving, etc.	No	1		
	<u>HARD DRIVES, ETC.</u>				
2	Provide and install Skyhawk™ 14TB Surveillance Hard Drive to be operational and compatible with existing surveillance system	No	1		
	Carried forward				

MONITORS, ETC.

3 Provide and install 40-inch Full High Definition (FHD) LED Display monitor (Product Code: HX40N2176F) to be operational and compatible with existing surveillance system, including, cabling and wall mounting unit, etc.

No

1

Carried forward to Section Summary

**SUB-DISTRICT OFFICE
BETHLEHEM**

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Item Nr	Unit	Quantity	Rate	Amount
<u>SECTION 1</u>				
<u>BILL NO 4</u>				
<u>PLUMBING AND DRAINAGE</u>				
<u>FIRE APPLIANCES, ETC.</u>				
1	No	3		
SABS approved 9kg dry chemical powder fire extinguisher with mounting bracket				
Carried forward to Section Summary				

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Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 1</u>				
	<u>ALARMS, PANIC SYSTEMS AND ARMED RESPONSE</u>				
	<u>ALARM SYSTEMS</u>				
	<u>Alarm panels, etc.</u>				
1	Provide and install "IDS" Type X16 eight (8) zone alarm panel system (expandable) (Product Code: 860-1-473-x16)	No	1		
	<u>Keypads and keyfobs, etc.</u>				
2	Provide and install "IDS" X-Series multi-language functioning LCD curved keypad suitable for "IDS" Type X16 eight (8) zone alarm panel system	No	1		
	<u>Infrared Detectors, etc.</u>				
3	Provide and supply "Risco" anti-cloak iWise Grade 3 infrared detector capable of 15m activation range (Product Code: RK815DTBG3)	No	4		
	<u>Sounders and Sirens, etc.</u>				
4	Compact 15W siren	No	1		
	<u>Magnetic Contacts, etc.</u>				
	<u>Provide and supply superior quality one-way (from inside secure area) magnetic door contacts integrated to wired alarm system</u>				
5	On doors	No	2		
	<u>CABLES, ETC. (PROVISIONAL)</u>				
	<u>White PVC insulated communications cables installed neatly against vertices of walls and similar surfaces</u>				
6	0,22mm 8-Core	m	100		
	<u>White PVC insulated ripcords installed neatly against vertices of walls and similar surfaces</u>				
7	0,22mm	m	100		
	Carried forward				

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Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 2</u>				
	<u>SURVEILLANCE SYSTEMS</u>				
	<u>PRELIMINARY PREAMBLES</u>				
	<u>Replacement of DVRs</u>				
	Contractors are advised to ensure that when new DVR systems are installed where the surveillance cameras are still functional (not being replaced), they shall ensure their compatibility. The rule of thumb being that where the cameras are of an older model and of the class: 720p, only 720p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. Similarly, where the cameras are newly installed or are of a newer model and of the class: 1080p, only 1080p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. It is therefore imperative that contractors ensure the class of the cameras already installed and if not certain, contact a representative of the Department of Education for clarity before commencing with works.				
	<u>SURVEILLANCE CAMERAS, ETC.</u>				
	<u>DIGITAL VIDEO RECORDERS, ETC. (PROVISIONAL)</u>				
1	Provide and install 8 Channel HD-TVI 720-pixel Digital Video Recorder (DVR) system (Product Code: DS-7108HGHI-F1) suitable and compatible with existing surveillance system, complete with operating system for recording, playback, storage and archiving, etc.	No	1		
	<u>HARD DRIVES, ETC.</u>				
2	Provide and install Skyhawk™ 14TB Surveillance Hard Drive to be operational and compatible with existing surveillance system	No	1		
	<u>MONITORS, ETC.</u>				
3	Provide and install 40-inch Full High Definition (FHD) LED Display monitor (Product Code: HX40N2176F) to be operational and compatible with existing surveillance system, including, cabling and wall mounting unit, etc.	No	1		
	Carried forward to Section Summary				

Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 3</u>				
	<u>BIOMETRIC SYSTEMS</u>				
	<u>Biometric Readers, Keypads, etc.</u>				
1	Provide and install "ZKTeco" standalone biometric reader and keypad with OLED screen (Product Code: TF1700) including suitable cable management box and resettable green call point for back up emergency lock-ins and other similar incidences, etc.	No	1		
	<u>Magnetic door locks, etc.</u>				
2	Provide and install "Securi-Prod" Maglock SP600 12/24 v direct current electromagnetic door locker with LED (Product Code: LK119) including adjustable ZL bracket suitable for LK119 magnetic door lock	No	1		
	<u>ALTERNATIVE POWER SOURCES</u>				
	<u>Power Supply Units, Batteries, etc.</u>				
3	3 Amps 1,6V D/C power store unit suitable (PSU) for 7AH battery	No	1		
4	"Securi-Prod" 12V 7AH 4,8mm battery suitable for power storing units (elsewhere quantified)	No	1		
	Carried forward to Section Summary				

Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 4</u>				
	<u>STRONGROOMS AND SAFES</u>				
	<u>SAFES, ETC.</u>				
	<u>BURGLARY SAFES</u>				
1	Provide and bolt down to ground surfaces 65kg 380 × 450 × 440mm high "Mutual" Type RS0 category 1 fire resistant burglary safe with digital electronic locking system	No	1		
Carried forward to Section Summary					

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Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 1</u>				
	<u>SURVEILLANCE SYSTEMS</u>				
	<u>PRELIMINARY PREAMBLES</u>				
	<u>Replacement of DVRs</u>				
	Contractors are advised to ensure that when new DVR systems are installed where the surveillance cameras are still functional (not being replaced), they shall ensure their compatibility. The rule of thumb being that where the cameras are of an older model and of the class: 720p, only 720p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. Similarly, where the cameras are newly installed or are of a newer model and of the class: 1080p, only 1080p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. It is therefore imperative that contractors ensure the class of the cameras already installed and if not certain, contact a representative of the Department of Education for clarity before commencing with works.				
	<u>SURVEILLANCE CAMERAS, ETC.</u>				
	<u>DIGITAL VIDEO RECORDERS, ETC. (PROVISIONAL)</u>				
1	Provide and install 8 Channel HD-TVI 720-pixel Digital Video Recorder (DVR) system (Product Code: DS-7108HGHI-F1) suitable and compatible with existing surveillance system, complete with operating system for recording, playback, storage and archiving, etc.	No	1		
	<u>HARD DRIVES, ETC.</u>				
2	Provide and install Skyhawk™ 14TB Surveillance Hard Drive to be operational and compatible with existing surveillance system	No	1		
	<u>MONITORS, ETC.</u>				
3	Provide and install 40-inch Full High Definition (FHD) LED Display monitor (Product Code: HX40N2176F) to be operational and compatible with existing surveillance system, including, cabling and wall mounting unit, etc.	No	2		
	Carried forward to Section Summary				

HARRISMITH HIGH SCHOOL
HARRISMITH

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Item Nr	Unit	Quantity	Rate	Amount
<u>SECTION 1</u>				
<u>BILL NO 3</u>				
<u>PLUMBING AND DRAINAGE</u>				
<u>FIRE APPLIANCES, ETC.</u>				
1	No	1		
SABS approved 9kg dry chemical powder fire extinguisher with mounting bracket				
Carried forward to Section Summary				

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Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 1</u>				
	<u>ALARMS, PANIC SYSTEMS AND ARMED RESPONSE</u>				
	<u>ALARM SYSTEMS</u>				
	<u>Alarm panels, etc.</u>				
1	Provide and install "IDS" Type X16 eight (8) zone alarm panel system (expandable) (Product Code: 860-1-473-x16)	No	1		
	<u>Keypads and keyfobs, etc.</u>				
2	Provide and install "IDS" X-Series multi-language functioning LCD curved keypad suitable for "IDS" Type X16 eight (8) zone alarm panel system	No	1		
	<u>Infrared Detectors, etc.</u>				
3	Provide and supply "Risco" anti-cloak iWise Grade 3 infrared detector capable of 15m activation range (Product Code: RK815DTBG3)	No	4		
	<u>Sounders and Sirens, etc.</u>				
4	Compact 15W siren	No	1		
	<u>Magnetic Contacts, etc.</u>				
	<u>Provide and supply superior quality one-way (from inside secure area) magnetic door contacts integrated to wired alarm system</u>				
5	On doors	No	2		
	<u>CABLES, ETC. (PROVISIONAL)</u>				
	<u>White PVC insulated communications cables installed neatly against vertices of walls and similar surfaces</u>				
6	0,22mm 8-Core	m	100		
	<u>White PVC insulated ripcords installed neatly against vertices of walls and similar surfaces</u>				
7	0,22mm	m	100		
	Carried forward				

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Item Nr	Unit	Quantity	Rate	Amount
<u>SECTION 1</u>				
<u>BILL NO 2</u>				
<u>SURVEILLANCE SYSTEMS</u>				
<u>PRELIMINARY PREAMBLES</u>				
<u>Replacement of DVRs</u>				
Contractors are advised to ensure that when new DVR systems are installed where the surveillance cameras are still functional (not being replaced), they shall ensure their compatibility. The rule of thumb being that where the cameras are of an older model and of the class: 720p, only 720p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. Similarly, where the cameras are newly installed or are of a newer model and of the class: 1080p, only 1080p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. It is therefore imperative that contractors ensure the class of the cameras already installed and if not certain, contact a representative of the Department of Education for clarity before commencing with works.				
<u>SURVEILLANCE CAMERAS, ETC.</u>				
1 Uninstall and decommission existing 1 × defective CCTV camera including cabling, connections, etc. and then provide and install new "HikVision" high-focal 720-pixel HD-TVI Bullet camera with 2.8 - 12mm lenses and Infrared view range of 40m in similar position	No	1		
<u>Extra over surveillance cameras, etc.</u>				
2 6mm male crimp plug	No	2		
3 Direct current lead with plug and connector	No	1		
4 115 × 115 × 48mm universal camera unit mount and enclosure	No	1		
5 RG-59 black coaxial cable with power	m	10		
Carried forward				

<u>DIGITAL VIDEO RECORDERS, ETC. (PROVISIONAL)</u>				
6	Provide and install 8 Channel HD-TVI 720-pixel Digital Video Recorder (DVR) system (Product Code: DS-7108HGHI-F1) suitable and compatible with existing surveillance system, complete with operating system for recording, playback, storage and archiving, etc.	No	1	
<u>HARD DRIVES, ETC.</u>				
7	Provide and install Skyhawk™ 14TB Surveillance Hard Drive to be operational and compatible with existing surveillance system	No	1	
<u>MONITORS, ETC.</u>				
8	Provide and install 40-inch Full High Definition (FHD) LED Display monitor (Product Code: HX40N2176F) to be operational and compatible with existing surveillance system, including, cabling and wall mounting unit, etc.	No	1	
Carried forward to Section Summary				

VREDE COMBINED SCHOOL
VREDE

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Item Nr	Unit	Quantity	Rate	Amount
<u>SECTION 1</u>				
<u>BILL NO 5</u>				
<u>PLUMBING AND DRAINAGE</u>				
<u>FIRE APPLIANCES, ETC.</u>				
1	No	3		
SABS approved 9kg dry chemical powder fire extinguisher with mounting bracket				
Carried forward to Section Summary				

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Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 1</u>				
	<u>ALARMS, PANIC SYSTEMS AND ARMED RESPONSE</u>				
	<u>ALARM SYSTEMS</u>				
	<u>Alarm panels, etc.</u>				
1	Provide and install "IDS" Type X16 eight (8) zone alarm panel system (expandable) (Product Code: 860-1-473-x16)	No	1		
	<u>Keypads and keyfobs, etc.</u>				
2	Provide and install "IDS" X-Series multi-language functioning LCD curved keypad suitable for "IDS" Type X16 eight (8) zone alarm panel system	No	1		
	<u>Infrared Detectors, etc.</u>				
3	Provide and supply "Risco" anti-cloak iWise Grade 3 infrared detector capable of 15m activation range (Product Code: RK815DTBG3)	No	4		
	<u>Sounders and Sirens, etc.</u>				
4	Compact 15W siren	No	1		
	<u>Magnetic Contacts, etc.</u>				
	<u>Provide and supply superior quality one-way (from inside secure area) magnetic door contacts integrated to wired alarm system</u>				
5	On doors	No	2		
	<u>CABLES, ETC. (PROVISIONAL)</u>				
	<u>White PVC insulated communications cables installed neatly against vertices of walls and similar surfaces</u>				
6	0,22mm 8-Core	m	100		
	<u>White PVC insulated ripcords installed neatly against vertices of walls and similar surfaces</u>				
7	0,22mm	m	100		
	Carried forward				

ALTERNATIVE POWER SOURCES

Power Supply Units, Batteries, etc.

8	16V A/C power supply unit suitable (PSU) for wired alarm system capable of delivering 40VA - 2.5 Amps	No	1
9	"Securiprod" 12V 7AH 4,8mm battery suitable for power supply units (elsewhere quantified)	No	1

Carried forward to Section Summary

Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 2</u>				
	<u>SURVEILLANCE SYSTEMS</u>				
	<u>PRELIMINARY PREAMBLES</u>				
	<u>Replacement of DVRs</u>				
	Contractors are advised to ensure that when new DVR systems are installed where the surveillance cameras are still functional (not being replaced), they shall ensure their compatibility. The rule of thumb being that where the cameras are of an older model and of the class: 720p, only 720p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. Similarly, where the cameras are newly installed or are of a newer model and of the class: 1080p, only 1080p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. It is therefore imperative that contractors ensure the class of the cameras already installed and if not certain, contact a representative of the Department of Education for clarity before commencing with works.				
	<u>SURVEILLANCE CAMERAS, ETC.</u>				
	<u>DIGITAL VIDEO RECORDERS, ETC. (PROVISIONAL)</u>				
1	Provide and install 8 Channel HD-TVI 720-pixel Digital Video Recorder (DVR) system (Product Code: DS-7108HGHI-F1) suitable and compatible with existing surveillance system, complete with operating system for recording, playback, storage and archiving, etc.	No	1		
	<u>HARD DRIVES, ETC.</u>				
2	Provide and install Skyhawk™ 14TB Surveillance Hard Drive to be operational and compatible with existing surveillance system	No	1		
	<u>MONITORS, ETC.</u>				
3	Provide and install 40-inch Full High Definition (FHD) LED Display monitor (Product Code: HX40N2176F) to be operational and compatible with existing surveillance system, including, cabling and wall mounting unit, etc.	No	1		
	Carried forward to Section Summary				

MEMEL PRIMARY SCHOOL
MEMEL

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Item Nr	Unit	Quantity	Rate	Amount
<u>SECTION 1</u>				
<u>BILL NO 5</u>				
<u>PLUMBING AND DRAINAGE</u>				
<u>FIRE APPLIANCES, ETC.</u>				
1	No	1		
SABS approved 9kg dry chemical powder fire extinguisher with mounting bracket				
Carried forward to Section Summary				

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Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 1</u>				
	<u>ALARMS, PANIC SYSTEMS AND ARMED RESPONSE</u>				
	<u>ALARM SYSTEMS</u>				
	<u>Alarm panels, etc.</u>				
1	Provide and install "IDS" Type X16 eight (8) zone alarm panel system (expandable) (Product Code: 860-1-473-x16)	No	1		
	<u>Keypads and keyfobs, etc.</u>				
2	Provide and install "IDS" X-Series multi-language functioning LCD curved keypad suitable for "IDS" Type X16 eight (8) zone alarm panel system	No	1		
	<u>Infrared Detectors, etc.</u>				
3	Provide and supply "Risco" anti-cloak iWise Grade 3 infrared detector capable of 15m activation range (Product Code: RK815DTBG3)	No	4		
	<u>Sounders and Sirens, etc.</u>				
4	Compact 15W siren	No	1		
	<u>Magnetic Contacts, etc.</u>				
	<u>Provide and supply superior quality one-way (from inside secure area) magnetic door contacts integrated to wired alarm system</u>				
5	On doors	No	1		
	On mild steel security doors	No	2		
	<u>CABLES, ETC. (PROVISIONAL)</u>				
	<u>White PVC insulated communications cables installed neatly against vertices of walls and similar surfaces</u>				
6	0,22mm 8-Core	m	100		
	<u>White PVC insulated ripcords installed neatly against vertices of walls and similar surfaces</u>				
7	0,22mm	m	100		
	Carried forward				

ALTERNATIVE POWER SOURCES

Power Supply Units, Batteries, etc.

- 8 16V A/C power supply unit suitable (PSU) for wired alarm system capable of delivering 40VA - 2.5 Amps
- 9 "Securiprod" 12V 7AH 4,8mm battery suitable for power supply units (elsewhere quantified)

No

1

No

1

Carried forward to Section Summary

Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 2</u>				
	<u>SURVEILLANCE SYSTEMS</u>				
	<u>PRELIMINARY PREAMBLES</u>				
	<u>Replacement of DVRs</u>				
	Contractors are advised to ensure that when new DVR systems are installed where the surveillance cameras are still functional (not being replaced), they shall ensure their compatibility. The rule of thumb being that where the cameras are of an older model and of the class: 720p, only 720p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. Similarly, where the cameras are newly installed or are of a newer model and of the class: 1080p, only 1080p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. It is therefore imperative that contractors ensure the class of the cameras already installed and if not certain, contact a representative of the Department of Education for clarity before commencing with works.				
	<u>SURVEILLANCE CAMERAS, ETC.</u>				
	<u>DIGITAL VIDEO RECORDERS, ETC. (PROVISIONAL)</u>				
1	Provide and install 8 Channel HD-TVI 720-pixel Digital Video Recorder (DVR) system (Product Code: DS-7108HGHI-F1) suitable and compatible with existing surveillance system, complete with operating system for recording, playback, storage and archiving, etc.	No	1		
	<u>HARD DRIVES, ETC.</u>				
	Provide and install Skyhawk™ 14TB Surveillance Hard Drive to be operational and compatible with existing surveillance system	No	1		
	<u>MONITORS, ETC.</u>				
3	Provide and install 40-inch Full High Definition (FHD) LED Display monitor (Product Code: HX40N2176F) to be operational and compatible with existing surveillance system, including, cabling and wall mounting unit, etc.	No	1		
	Carried forward to Section Summary				

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Item Nr	Unit	Quantity	Rate	Amount
<u>SECTION 1</u>				
<u>BILL NO 5</u>				
<u>CARPENTRY AND JOINERY</u>				
<u>FITTINGS</u>				
<u>STORAGE SHELVES</u>				
<u>SUPPLEMENTARY PREAMBLES</u>				
<u>General</u>				
The following cupboard fittings have been given as complete units i.e. the components of the units have not been given separately. Descriptions of such units shall, therefore, be deemed to include all components, assembling, housing, notching, gluing, blocking, planting-on and screwing with countersunk screws, edge strips, ironmongery, paint or varnish finishes, etc.				
Prices are to include for all necessary filler pieces against walls, etc.				
<u>References</u>				
References given in descriptions refer to the respective types of fittings detailed on the architect's drawing(s) numbered ? accompanying these bills of quantities for tender purposes				
<u>Storage cupboards, etc.</u>				
1 Floor cupboard type 11000 × 500 × 1350mm high with top, sides, bottom, division, two shelves, back and dividing framework	No	1		
2 Floor cupboard type 4000 × 500 × 1350mm high with top, sides, bottom, division, two shelves, back and dividing framework	No	1		
3 Floor cupboard type 2000 × 500 × 1350mm high with top, sides, bottom, division, two shelves, back and dividing framework	No	2		
Carried forward to Section Summary				

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Item Nr		Unit	Quantity	Rate	Amount
	<u>SECTION 1</u>				
	<u>BILL NO 1</u>				
	<u>ALARMS, PANIC SYSTEMS AND ARMED RESPONSE</u>				
	<u>ALARM SYSTEMS</u>				
	<u>Alarm panels, etc.</u>				
1	Provide and install "IDS" Type X16 eight (8) zone alarm panel system (expandable) (Product Code: 860-1-473-x16)	No	1		
	<u>Keypads and keyfobs, etc.</u>				
2	Provide and install "IDS" X-Series multi-language functioning LCD curved keypad suitable for "IDS" Type X16 eight (8) zone alarm panel system	No	1		
	<u>Infrared Detectors, etc.</u>				
3	Provide and supply "Risco" anti-cloak iWise Grade 3 infrared detector capable of 15m activation range (Product Code: RK815DTBG3)	No	4		
	<u>Sounders and Sirens, etc.</u>				
4	Compact 15W siren	No	1		
	<u>Magnetic Contacts, etc.</u>				
	<u>Provide and supply superior quality one-way (from inside secure area) magnetic door contacts integrated to wired alarm system</u>				
5	On doors	No	2		
	<u>CABLES, ETC. (PROVISIONAL)</u>				
	<u>White PVC insulated communications cables installed neatly against vertices of walls and similar surfaces</u>				
6	0,22mm 8-Core	m	100		
	<u>White PVC insulated ripcords installed neatly against vertices of walls and similar surfaces</u>				
7	0,22mm	m	100		
	Carried forward				

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Item Nr	Unit	Quantity	Rate	Amount
<u>SECTION 1</u>				
<u>BILL NO 2</u>				
<u>SURVEILLANCE SYSTEMS</u>				
<u>PRELIMINARY PREAMBLES</u>				
<u>Replacement of DVRs</u>				
Contractors are advised to ensure that when new DVR systems are installed where the surveillance cameras are still functional (not being replaced), they shall ensure their compatibility. The rule of thumb being that where the cameras are of an older model and of the class: 720p, only 720p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. Similarly, where the cameras are newly installed or are of a newer model and of the class: 1080p, only 1080p 4, 8, or 16 channel (whichever is applicable) HD DVR systems shall be installed. It is therefore imperative that contractors ensure the class of the cameras already installed and if not certain, contact a representative of the Department of Education for clarity before commencing with works.				
<u>SURVEILLANCE CAMERAS, ETC.</u>				
1 Uninstall and decommission existing 1 × defective CCTV camera including cabling, connections, etc. and then provide and install new "HikVision" high-focal 720-pixel HD-TVI Bullet camera with 2.8 - 12mm lenses and Infrared view range of 40m in similar position	No	1		
<u>Extra over surveillance cameras, etc.</u>				
2 6mm male crimp plug	No	2		
3 Direct current lead with plug and connector	No	1		
4 115 × 115 × 48mm universal camera unit mount and enclosure	No	1		
5 RG-59 black coaxial cable with power	m	10		
Carried forward				

<u>DIGITAL VIDEO RECORDERS, ETC. (PROVISIONAL)</u>					
6	Provide and install 8 Channel HD-TVI 720-pixel Digital Video Recorder (DVR) system (Product Code: DS-7108HGHI-F1) suitable and compatible with existing surveillance system, complete with operating system for recording, playback, storage and archiving, etc.	No	1		
<u>HARD DRIVES, ETC.</u>					
7	Provide and install Skyhawk™ 14TB Surveillance Hard Drive to be operational and compatible with existing surveillance system	No	1		
<u>MONITORS, ETC.</u>					
8	Provide and install 40-inch Full High Definition (FHD) LED Display monitor (Product Code: HX40N2176F) to be operational and compatible with existing surveillance system, including, cabling and wall mounting unit, etc.	No	1		
Carried forward to Section Summary					

**FEZILE DABI DEPARTMENT
OF EDUCATION DISTRICT OFFICE
SASOLBURG**

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**FEZILE DABI DEPARTMENT
OF EDUCATION DISTRICT OFFICE
SASOLBURG**

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Item Nr	Unit	Quantity	Rate	Amount
<u>SECTION 1</u>				
<u>BILL NO 5</u>				
<u>PLUMBING AND DRAINAGE</u>				
<u>FIRE APPLIANCES, ETC.</u>				
1	No	1		
SABS approved 9kg dry chemical powder fire extinguisher with mounting bracket				
Carried forward to Section Summary				

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**BILL OF QUANTITIES FOR THE UPGRADING
OF SECURITY INFRASTRUCTURE AT EXAM
CENTRES/NODAL POINTS IN THE FREE STATE**

Part Nr		Page			Amount
	<u>SECTION 3</u>				
	<u>SECTIONS SUMMARY - INSTALLATION WORKS</u>				
1	Motheo District Office (Block A) - Bloemfontein	5			
2	Motheo District Office (Block B) - Bloemfontein	8			
3	Xhariep District Office (N8 Gateway Office Park) - Bloemfontein	14			
4	Motheo District Satellite Office - Thaba Nchu	21			
5	Woolworths Building - Welkom	29			
6	Winburg Combined School - Winburg	32			
7	Boshof Combined School - Boshof	38			
8	Sekgalabateng Distribution Facility - Ladybrand	45			
9	Education Sub-District Office - Bethlehem	52			
10	QwaQwa District Office - QwaQwa	59			
11	Harrismith High School - Harrismith	63			
12	Vrede Combined School - Vrede	71			
13	Memel Primary School - Memel	78			
14	Fezile Dabi Teachers Development Centre - Kroonstad	86			
15	Fezile Dabi District Office - Sasolburg	94			
	Carried forward to Final Summary				

MAINTENANCE AND TRAINING



SCHEDULE 1: CONDITIONS OF MAINTENANCE/SERVICE OF INSTALLED SECURITY INFRASTRUCTURE

1. CONDITIONS OF MAINTENANCE/SERVICE OF INSTALLED SECURITY INFRASTRUCTURE

- 1.1. In return for payment of the maintenance charge (See Schedule of Cost), the tenderer shall maintain the installed security equipment/infrastructure in accordance with installation standards and supplementary manufacturer's installation standards and shall respond to emergency calls for assistance at any of the facilities where security upgrades were undertaken.
- 1.2. The Tenderer undertakes that, if any of the installed security equipment/infrastructure or their workmanship for newly installed security equipment/infrastructure systems is faulty in the periods of warranty and/or guarantee, such installed security equipment/infrastructure shall be repaired or replaced at no additional expense and/or cost to the Department of Education, including any applicable call-outs.
- 1.3. Notwithstanding Clause 1.2 (above), should the Tenderer be required to attend to any repair or replacement work of the security equipment/infrastructure installed, at any time other than the dates of scheduled maintenance during the maintenance/service period, the Tenderer is not eligible to claim and subsequently invoice the Department of Education the repair or replacement work as additional work.
- 1.4. The scope of maintenance and service shall be limited to that which is practically capable of being performed by the Contractor and shall only apply to security equipment/infrastructure installed by the Tenderer.
- 1.5. The maintenance/service period shall be for a fixed term period of five (5) years from the date of completion of installation.
- 1.6. Parts or components of any security equipment/infrastructure system installed by the Tenderer, which fail after any routine maintenance/service visit will remain at the liability of the Tenderer and must be replaced in whole or in part, during the maintenance/service period. In an instance where parts or components of any security equipment/infrastructure system installed by the Tenderer are not replaced, the Department of Education may deduct, to replace or repair such part or component, from the contracted maintenance/service amount of a particular maintenance/service year, a sum or portion of the maintenance cost due to the Tenderer that is fair and reasonable quantum of the market-related cost of the part(s) or component(s) plus additional costs of labour, delivery and other taxable items.
- 1.7. The Tenderer shall undertake bi-annual maintenance visits, with the accompaniment of an official of the Free State Department of Education, to the facilities where security equipment/infrastructure is installed. The inspection will be limited to that of equipment scheduled in the Bill of Quantities or any other items procured and installed in terms of the Bill of Quantities. It is required that a written report on the condition of the security systems should be forwarded to the Department of Education within 14 working days after the scheduled maintenance/service date. It shall be the Tenderers responsibility to act on and remedies and defects found with the security systems as identified and scheduled in the written report.



**SCHEDULE 1:
CONDITIONS OF MAINTENANCE/SERVICE OF INSTALLED SECURITY
INFRASTRUCTURE**

- 1.8. The annual replacement charge shall include charges for any replacement parts, including but not limited to; batteries, lamps, cameras, bearings, detectors etc. and any other parts that shall be deemed reasonably required for the integrated functioning of the security equipment/infrastructure and shall be charged only where replacement has taken place (See 1.10). The annual **Maintenance Tasks** shall include, but may not be limited to:
- 1.8.1. Check warning labels are still in place
 - 1.8.2. Check all cables and conduit are properly supported, undamaged and showing no signs of wear
 - 1.8.3. Check for sound physical fixings of all equipment including loosening or corrosion of supports and fixings including towers and brackets
 - 1.8.4. Check all glands, seals and connections on all external equipment
 - 1.8.5. Ensure the equipment is free from environmental problems such as dust, vibration, electrical interference etc.
 - 1.8.6. Ensure the biometric or keypad systems remain protected against unauthorised interference, e.g. password level (s)
 - 1.8.7. Check operation of all door fixings, contact magnets and furniture is satisfactory
 - 1.8.8. Check function of all interfaces with alarms is satisfactory including correct triggering of alarms
 - 1.8.9. Check that the performance of the system(s) continues to meet the agreed specification / operational requirement according to the periodic test scheme agreed with the customer
 - 1.8.10. All connections checked and labelled
 - 1.8.11. Check the number and type of cameras, including lenses, are in accordance with the specification
 - 1.8.12. Check that camera and magnetic door lock indicator lamps are working correctly
 - 1.8.13. Check the picture quality of each camera, channel and that the correct monitor is selected
 - 1.8.14. All camera housings and lenses are cleaned where necessary
 - 1.8.15. Check all automatic and remote control camera functions are satisfactory and that camera movement and fields of view are free from obstruction
 - 1.8.16. Operation of all monitoring, switching, multiplexing and recording equipment is satisfactory
 - 1.8.17. Operation of supplementary lighting is satisfactory
 - 1.8.18. Ensure that all camera presets are checked
 - 1.8.19. Ensure that all alarm presets are checked
 - 1.8.20. Check mains and stand-by power supplies including charging rates
 - 1.8.21. Check all audible warning and alarm devices for correct operation
 - 1.8.22. Ensure that there is still sufficient memory to save and store recorded footage from installed CCTV camera
- 1.9. The annual site visit charges shall include the cost of travelling to the site or facility and technician's labour, and valid claims shall be made in respect thereof. In pricing for the site visit, Bidders should calculate the cost per kilometre (R/km) to the various examination facilities relative to where their head/main offices are stationed accounting for cost of fuel and relative wear and tear of the vehicle(s). In addition, Bidders are to cost for the ordinary call out fee per technical staff. Technical staff is not to exceed two persons per facility. This information must be summarized below for the years of scheduled maintenance

CONTINUES



**SCHEDULE 1:
CONDITIONS OF MAINTENANCE/SERVICE OF INSTALLED SECURITY
INFRASTRUCTURE**

TABLE 1 COST BREAK DOWN OF SITE VISITS (OPERATIONAL)			
	YEAR 1	YEAR 2	YEAR 3
Travel Cost (R/km)	R	R	R
Call Out Fee (Technician 1)	R	R	R

The pricing provided will be used for the generation of job cards at the end of each scheduled maintenance visit at each facility contemplated in Schedule 4. Said job cards shall be used for invoicing based on the pricing of the table above (As priced by the Tenderer). Prices in Schedule 3 are for the purposes of consolidation and provide a summation of costs and must reflect costs contemplated in the table above.

- 1.10. Where no material defects or faults are found with the installed security equipment/infrastructure system that would not reasonable warrant a repair or replacement (1.8), the sum of repair and replacement shall not be invoiced vis-à-vis any billable scheduled site visit. Tenderers are advised that where amounts for repair and replacement are not invoiced at any particular scheduled maintenance/service visit, such amounts shall have right of retention by the Employer for discretionary use for repair and replacement of the security equipment/infrastructure system at another scheduled maintenance/service visit provided approval is granted by the Chief Director.



**SCHEDULE 2:
SCHEDULED MAINTENANCE/SERVICE VISITS TO FACILITIES WITH SECURITY
INFRASTRUCTURE**

2. SCHEDULED SITE/INSPECTION VISITS

In terms of Clause 6, Schedule 1

The bi-annual maintenance/service inspection visits shall include all sixteen (16) facilities contemplated in Schedule 4

To be filled out by Tenderer:

YEAR 1	
Date of Scheduled Visit #1:	Date of Scheduled Visit #2:

YEAR 2	
Date of Scheduled Visit #1:	Date of Scheduled Visit #2:

YEAR 3	
Date of Scheduled Visit #1:	Date of Scheduled Visit #2:

**SCHEDULE 3:
SCHEDULE OF ANNUAL MAINTENANCE/SERVICE COSTS**

3. SCHEDULE OF EXAMINATION CENTRES/NODAL/DISTRIBUTION POINTS

Levied against the Employer/Department

Bidders are reminded that the costs in the Tables below are for sole purpose of consolidation of costs vis-à-vis Table 1 of Schedule 1

The cost of the annual maintenance/service costs shall include all sixteen (16) facilities contemplated in Schedule 4

To be filled out by Tenderer:

YEAR 1				
NAME OF FACILITY	DISTRICT	Site Visit (Operational)	Replacement (Budgetary)	TOTAL
Motheo District Office	MOTHEO	R	R	R
Motheo District Office				
Motheo Satellite Office				
Sekgalabateng Satellite Office				
Xhariep District Office	XHARIEP	R	R	R
Lejweleputswa District Office	LEJWELEPUTSWA	R	R	R
Winburg Combined School				
Boshof Combined School				
Bethlehem Sub-District Office	THABO MOFUTSANYANE	R	R	R
QwaQwa District Office				
Harrismith High School				

Chief Directorate: Physical Resources Management

N8 Gateway Office Park | c/o Rudolf Greyling Drive & AW Louw Avenue | Estoire | Bloemfontein | 9300

Private Bag X20565 | Bloemfontein | 9300

Tel: (051) 404 9293 | Fax: 086-557-4789



**SCHEDULE 3:
SCHEDULE OF ANNUAL MAINTENANCE/SERVICE COSTS**

Vrede Combined School				
Memel Primary School				
Fezile Dabi Teachers Development Centre	FEZILE DABI	R	R	R
Fezile Dabi District Office				
TOTAL OF YEAR 1 CARRIED TO SUMMARY OF ANNUAL FEES (YEAR 1 TO YEAR 3)				R

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N8 Gateway Office Park | c/o Rudolf Greyling Drive & AW Louw Avenue | Estoire | Bloemfontein | 9300
Private Bag X20565 | Bloemfontein | 9300
Tel: (051) 404 9293 | Fax: 086-557-4789



**SCHEDULE 3:
SCHEDULE OF ANNUAL MAINTENANCE/SERVICE COSTS**

YEAR 2				
NAME OF FACILITY	CITY/TOWN	Site Visit (Operational)	Replacement (Budgetary)	TOTAL
Motheo District Office	MOTHEO	R	R	R
Motheo District Office				
Motheo Satellite Office				
Sekgalabateng Satellite Office				
Xhariep District Office	XHARIEP	R	R	R
Lejweleputswa District Office	LEJWELEPUTSWA	R	R	R
Winburg Combined School				
Boshof Combined School				
Bethlehem Sub-District Office	THABO MOFUTSANYANE	R	R	R
QwaQwa District Office				
Harrismith High School				
Vrede Combined School				
Memel Primary School				
Fezile Dabi Teachers Development Centre	FEZILE DABI	R	R	R
Fezile Dabi District Office				
TOTAL OF YEAR 2 CARRIED TO SUMMARY OF ANNUAL FEES (YEAR 1 TO YEAR 3)				R

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N8 Gateway Office Park | c/o Rudolf Greyling Drive & AW Louw Avenue | Estoire | Bloemfontein | 9300
Private Bag X20565 | Bloemfontein | 9300
Tel: (051) 404 9293 | Fax: 086-557-4789

**SCHEDULE 3:
SCHEDULE OF ANNUAL MAINTENANCE/SERVICE COSTS**

YEAR 3				
NAME OF FACILITY	CITY/TOWN	Site Visit (Operational)	Replacement (Budgetary)	TOTAL
Motheo District Office	MOTHEO	R	R	R
Motheo District Office				
Motheo Satellite Office				
Sekgalabateng Satellite Office				
Xhariep District Office	XHARIEP	R	R	R
Lejweleputswa District Office	LEJWELEPUTSWA	R	R	R
Winburg Combined School				
Boshof Combined School				
Bethlehem Sub-District Office	THABO MOFUTSANYANE	R	R	R
QwaQwa District Office				
Harrismith High School				
Vrede Combined School				
Memel Primary School				
Fezile Dabi Teachers Development Centre	FEZILE DABI	R	R	R
Fezile Dabi District Office				
TOTAL OF YEAR 3 CARRIED TO SUMMARY OF ANNUAL FEES (YEAR 1 TO YEAR 3)				R

Chief Directorate: Physical Resources Management

N8 Gateway Office Park | c/o Rudolf Greyling Drive & AW Louw Avenue | Estoire | Bloemfontein | 9300
Private Bag X20565 | Bloemfontein | 9300
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**SCHEDULE 3:
SCHEDULE OF ANNUAL MAINTENANCE/SERVICE COSTS**

YEAR 1	R
YEAR 2	R
YEAR 3	R
TOTAL COST OF MAINTENANCE AND SERVICE	R



**SCHEDULE 4:
SCHEDULE OF FACILITIES: EXAMINATION CENTRES/NODAL/DISTRIBUTION
POINTS**

NAME OF FACILITY	ADDRESS	CITY/TOWN	DISTRICT
Motheo District Office	Fort Drury Building Block A c/o Makgraaf & St. Andrews Street	Bloemfontein	MOTHEO
Motheo District Office	Fort Drury Building Block B c/o Makgraaf & St. Andrews Street	Bloemfontein	
Motheo Satellite Office	FDC Building Manyana Street Seloseha	Thaba Nchu	
Xhariep District Office	N8 Gateway Office Park c/o Rudolf Greyling & AW Louw Streets Estoire	Bloemfontein	XHARIEP
Lejweleputswa District Office	Woolworths Building 41 Mooi Street	Welkom	LEJWELEPUTSWA
Winburg Combined School	2 Pieter van Niekerk Street	Winburg	
Boshof Combined School	1 Voortrekker Street Boshhof	Boshof	
Sekgalabateng Satellite Office	2115 Strand Street Manyatseng	Ladybrand	THABO MOFUTSANYANE
Bethlehem Sub-District Office	c/o High & Van der Merwe Street Bethlehem	Bethlehem	
QwaQwa District Office	Dept. of Public Works Complex Motebang Road Phutaditjaba	QwaQwa	
Harrismith High School	72 Greyling Street Harrismith	Harrismith	
Vrede Combined School	6 Reyneke Street Vrede	Vrede	
Memel Primary School	1 van Rooyen Street Memel	Memel	
Fezile Dabi Teachers Development Centre	c/o Murray & Brand Street Kroonstad	Kroonstad	FEZILE DABI
Fezile Dabi District Office	23 Totius Street Sasolburg	Sasolburg	



SCHEDULE 5:
**PROVISION OF TRAINING FSDOE DESIGNATED PERSONNEL AS FIRST-LINE
SUPPORT: MAINTENANCE OF THE SECURITY INFRASTRUCTURE**

1. GENERAL

- 1.1. Contractors are advised that this contract is for the provision of once-off upgrading and installation of security infrastructure at the facilities contemplated in Schedule 4.
- 1.2. The contract is intended for the contractor to install, repair and maintain security systems, but not operation of in-house monitoring and/or reaction/armed response service.
- 1.3. As such, selected personnel of the Free State Department of Education's Examinations and Assessments Directorate and the Information Technology Directorate in each of the five (5) districts shall be responsible for the day-to-day protection of the property, infrastructure and other interests as outlined in Chapter 4, Sections: 22 (1) of Government Gazette No. 24186 of 20 December 2002.
- 1.4. Section 23 and 24 shall apply to the selected personnel of the Free State Department of Education's Examinations and Assessments Directorate and the Information Technology Directorate in each of the five (5) districts.
- 1.5. We invite bidders to further provide once-off training to the selected personnel contemplated in 1.3 above in terms of Section 20 of Government Gazette No. 24186 of 20 December 2002 to ensure continuous and uninterrupted functioning of the total security infrastructure.

2. SCOPE OF TRAINING

2.1. The Security Service provider shall:

- 2.1.1. Train personnel on the correct usage and operation of security infrastructure and associated software and hardware
- 2.1.2. Educate and provide practical train personnel on troubleshooting and diagnostics protocols of the integrated security infrastructure
- 2.1.3. Provide updated training books, reference material and other applicable training materials to designated personnel as frequently as possible to be up-to-date with system upgrades that may be applicable to associated software and hardware
- 2.1.4. Train personnel (theory and practice) on methods and protocols of downloading and uploading of recorded security footage for archiving and security information integrity management
- 2.1.5. Training on security zone safety (precautions and awareness)
- 2.1.6. Practical training on access control management in security zones
- 2.1.7. Training/Practice on programming, storing, recording and usage of biometric systems
- 2.1.8. Provide assessments and moderation of training courses
- 2.1.9. Provide certificates of competence and completion of training course to designated personnel
- 2.1.10. Provide a consolidated report on training, assessments and outcomes to the Free State Department of Education's Risk and Security Management Directorate



SCHEDULE 5:
**PROVISION OF TRAINING FSDOE DESIGNATED PERSONNEL AS FIRST-LINE
SUPPORT: MAINTENANCE OF THE SECURITY INFRASTRUCTURE**

3. DURATION OF TRAINING

- 3.1. The successful Bidder is required to provide training once a year at each district
- 3.2. Training may be implemented any time during the year, except during final examinations preparatory times and during final matric examinations (September to December)
- 3.3. Depending on the content matter to be covered, in line with the scope of training, training should not exceed one (1) working day at each District



SCHEDULE 6: PROPOSED DATES FOR SCHEDULE

1. SCHEDULED TRAINING SESSIONS

In terms of Clause 3, Schedule 5

Bidders must provide proposed dates for scheduled training.

The proposed Dates shall be submitted to the relevant Examination Centre managers and IT department managers at each district to be included in their respective annual plans

In providing proposed dates, Bidders must be cognisant of Clauses 3.2 and 3.3 of Schedule 5

To be filled out by Tenderer:

YEAR 1	
DISTRICT	PROPOSED DATE OF SCHEDULED TRAINING SESSION
XHARIEP DISTRICT	
MOTHEO DISTRICT	
LEJWELEPUTSWA DISTRICT	
THABO MOFUTSANYANE DISTRICT	
FEZILE DABI DISTRICT	



SCHEDULE 7: PRICING SCHEDULE: TRAINING

2. PRICING FOR TRAINING

- 2.1. Bidders are to price for Training in full
- 2.2. Bidders must conduct training sessions at one of the Centres in each of the 5 districts. The selection of the centre should be confirmed at least 4 weeks in advance from the dates contemplated in Schedule 6
- 2.3. Training shall be for no more than a working day (8 hours) at each district
- 2.4. Bidders may only price for the cost of training 25 delegates (max. 5 persons per district). The total cost may also include the cost of applicable Training Material, Equipment and Toolkits to be used in the training session. In the Pricing Schedule below, Bidders must indicate the cost of applicable Training Material, Equipment and Toolkits per person.
- 2.5. The price of food packets/catering is not allowed to be factored into the cost for training.
- 2.6. The price for venue hire/accommodation is not allowed to be factored into the cost for training.

3. CONDITIONS OF PAYMENT FOR TRAINING SERVICES

- 3.1. The Department of Education will only pay invoices when ALL the training has been carried out at all the districts
- 3.2. When submitting invoices for payment of Training, the Service provider must include the following:
- 3.3. Attendance Register for the days that training took place per district.
- 3.4. The attendance Register must also indicate the Department's Officials that attended, Persal numbers being of key importance. A Template of the Attendance Register shall be made available to Bidders upon request at the required time.
- 3.5. The attendance register must also indicate proof of receipt of the Training Material, Equipment and Toolkits
- 3.6. Training as well as Training Material, Equipment and Toolkits costs shall be billed and invoiced in accordance with the tendered amounts in appearing in Schedule 7 for the respective year.



**SCHEDULE 7:
PRICING SCHEDULE: TRAINING**

YEAR 1

YEAR 1				
	Unit of Costing	Number of Total Delegates	Cost per Delegate	TOTAL
Training	Lump Sum	N/A	N/A	R
Training Material, Equipment and Toolkits	Per delegate	25	R	R
TOTAL COST OF TRAINING (YEAR 1)				R

**BILL OF QUANTITIES FOR THE UPGRADING
OF SECURITY INFRASTRUCTURE AT EXAM
CENTRES/NODAL POINTS IN THE FREE STATE**

[illegible]