

## ADHOC COSTS (AS AND WHEN REQUIRED)

### SECTION: SPARES, CONSUMABLES AND LABOUR COSTS

ITEMS	Unit Measure	Unit Price
Fixed bi-spectral Camera	EACH	
Fixed Dome Camera	EACH	
PTZ bi-spectral Camera	EACH	
12v DIN-rail power supply	EACH	
24v DIN-rail power supply	EACH	
48v DIN-rail power supply	EACH	
DIN-rail POE Ethernet (6 – 8 port) + GB(FX) Switch including long reach SFP+ module (10km range)	EACH	
BOSCH Starlight 7000 HD Housing	EACH	
Field-box (ip65+ rating) with DIN-rail	EACH	
Fiber converter chassis (15x slot)	EACH	
Fiber media converters compatible with fibre converter chassis	EACH	
DIN-rail Media converter including long reach SFP+ module (10km range)	EACH	
SAS 7.2k 4TB DELL hard drives	EACH	
QOGNIFY network video recorder	EACH	
QOGNIFY network video decoder	EACH	
QOGNIFY camera license (block of 50)	EACH	
CAT6 cabling including accessories	M	
3m pole including plinth	EACH	
9m mast including plinth and bolt cage	EACH	
Single mode fibre including accessories	M	
Power cable (field-box to DB board)	M	
Power cable (field-box to devices)	M	
Trenching with conduit	M	
Fieldworker Labour	HOURL	
Cherry Picker	DAY	
<b>TOTAL EXCLUSIVE VAT</b>		
<b>15% VAT</b>		
<b>TOTAL INCLUSIVE VAT</b>		

## ANNEXURE I2: PRICING SCHEDULE REPAIRS, SUPPLY AND INSTALL

### SECTION: FIELD EQUIPMENT REPAIR

SECTION: SUPPLY AND INSTALL OF EQUIPMENT AND ON-SITE EXPERTISE				
<u>STOCK ITEMS TO SUPPLY</u>	Quantity	Unit Measure	Unit Price	Total price
<b>117 BAYVUE ENTRANCE - 1</b>				
BOSCH Starlight 7000 HD Housing	4	EACH		
12v DIN-rail power supply	5	EACH		
DIN-rail media converter with fibre module	5	EACH		
CAT6 cabling + accessories to replace existing cabling to cameras	100	M		
Replace field-box (ip65+ rating) and install breaker switch	3	EACH		
Clean and reorganise / label network cabinet	1	Once-off		
Install, Configure and make functional cameras in QOGNIFY	1	Once-off		
<b>SUB TOTAL SECTION: 117 BAYVUE ENTRANCE - 1</b>				
Price excluding VAT				
<b>117 BAYVUE ENTRANCE - 2</b>				
Cast 3x2m plinth with bolt cage for 9m mast	1	EACH		
9m mast	1	EACH		
Bi-spectral PTZ camera for use on fence	1	EACH		
Bi-spectral fixed camera for use on perimeter with camera Housing (ip65+ rating)	2	EACH		
Field-box Ethernet Switch 8 x 1GB ports + 2 x 1GB(FX) Single Mode	1	EACH		
CAT6 cabling + accessories to connect to Field-box Ethernet Switch	20	M		
Replace field-box (ip65+ rating) and install breaker switch	1	EACH		
Trenching, conduit, Single mode fibre and power	120	M		

Install, Configure and make functional cameras in QOGNIFY	1	Once-off		
<b>SUB TOTAL SECTION: 117 BAYVUE ENTRANCE - 2</b>				
Price excluding VAT				
<b>116 BAYVUE - 1</b>				
BOSCH Starlight 7000 HD Housing	2	EACH		
12v DIN-rail power supply	2	EACH		
CAT6 cabling + accessories to replace existing cabling to cameras	300	M		
Clean and reorganise / label network cabinet	1	Once-off		
<b>SUB TOTAL SECTION: 116 BAYVUE - 1</b>				
Price excluding VAT				
<b>116 BAYVUE - 2</b>				
Bi-spectral PTZ camera mounted to building (harsh sea conditions)	1	EACH		
CAT6 cabling + accessories to connect to server room network cabinet	100	M		
Network point installed to PSO office	100	M		
Install, Configure and make functional cameras in QOGNIFY	1	Once-off		
Clean and reorganise / label network cabinet	1	Once-off		
SAS 7.2k 4TB DELL hard drives	24	EACH		
Reconfigure and reinstall QOGNIFY NVR	4	EACH		
CCTV workstations	4	EACH		
Supply, install and configure QOGNIFY network video recorders	2	EACH		
Supply, install and configure QOGNIFY network video decoders	3	EACH		
Config and activate workstation, video recorders, decoders and video wall in QOGNIFY	1	Once-off		
<b>SUB TOTAL SECTION: 116 BAYVUE - 2</b>				
Price excluding VAT				

<b>1113 RECREATIONAL AREA</b>				
Bi-spectral PTZ camera for use on perimeter (harsh sea conditions)	1	EACH		
CAT6 cabling + accessories to connect to server room network cabinet	100	M		
Clean and reorganise / label network cabinet	1	Once-off		
<b>SUB TOTAL SECTION: 1113 RECREATIONAL AREA</b>				
Price excluding VAT				
<b>115 FENCE</b>				
Bi-spectral fixed camera for use on perimeter with camera Housing (ip65+ rating)	16	EACH		
Media converter DIN-rail with fiber module	8	EACH		
Field-box Ethernet Switch 8 x 1GB ports + 2 x 1GB(FX) Single Mode	8	EACH		
CAT6 cabling + accessories to replace existing cabling to cameras	200	M		
Replace field-box (mounted to 9m mast)	8	EACH		
<b>SUB TOTAL SECTION: 115 FENCE</b>				
Price excluding VAT				
<b>113 SMALL CRAFT &amp; YACHTPORT - 1</b>				
BOSCH Starlight 7000 HD Housing	6	EACH		
CAT6 cabling + accessories to replace existing cabling to cameras	100	M		
Fiber converter chassis (15x slot)	1	EACH		
Fiber media converters compatible with fibre converter chassis	15	EACH		
Clean and reorganise / label network cabinet	1	Once-off		
<b>SUB TOTAL SECTION: 113 SMALL CRAFT &amp; YACHTPORT - 1</b>				
Price excluding VAT				

<b>113 SMALL CRAFT &amp; YACHTPORT - 2</b>				
Bi-spectral PTZ camera for use on perimeter (harsh sea conditions)	3	EACH		
Bi-spectral fixed camera for use on perimeter with camera Housing (ip65+ rating) (harsh sea conditions)	10	EACH		
DIN-rail media converter with fibre module	4	EACH		
Field-box Ethernet Switch 8 x 1GB ports + 2 x 1GB(FX) Single Mode	5	EACH		
CAT6 cabling + accessories to connect to Field-box Ethernet Switch	150	M		
Replace field-box (ip65+ rating) and install breaker switch	6	EACH		
Install, Configure and activate cameras in QOGNIFY	1	Once-off		
Clean and reorganise / label network cabinet	1	Once-off		
<b>SUB TOTAL SECTION: 113 SMALL CRAFT &amp; YACHTPORT - 2</b>				
Price excluding VAT				
<b>111 PORT CONTROL - 1</b>				
BOSCH Starlight 7000 HD Housing	6	EACH		
CAT6 cabling + accessories to replace existing cabling to cameras	100	M		
Fiber converter chassis (15x slot)	1	EACH		
Fiber media converters compatible with fibre converter chassis	15	EACH		
9m mast corrosion to be removed and sealed (possible replacement)	1	Once-off		
Clean and reorganise / label network cabinet	1	Once-off		
<b>SUB TOTAL SECTION: 111 PORT CONTROL - 1</b>				
Price excluding VAT				
<b>111 PORT CONTROL-2</b>				
Bi-spectral PTZ camera for use on perimeter (harsh sea conditions)	3	EACH		
Bi-spectral fixed camera for use on perimeter with camera Housing (ip65+ rating) (harsh sea conditions)	6	EACH		

Field-box Ethernet Switch 8 x 1GB ports + 2 x 1GB(FX) Single Mode	2	EACH		
CAT6 cabling + accessories to connect to Field-box Ethernet Switch	100	M		
Replace field-box (ip65+ rating) and install breaker switch	6	EACH		
Install, Configure and activate Long Range XIS Camera	2	EACH		
Repair loose power cord on Long Range XIS Camera	1	Once-off		
Install, Configure and activate cameras in QOGNIFY	1	Once-off		
Clean and reorganise / label network cabinet	1	Once-off		
<b>SUB TOTAL SECTION: 111 PORT CONTROL - 2</b>				
Price excluding VAT				
<b>119 CLINIC</b>				
Bi-spectral fixed camera for use on perimeter with camera Housing (ip65+ rating)	2	EACH		
Field-box Ethernet Switch 8 x 1GB ports + 2 x 1GB(FX) Single Mode	1	EACH		
CAT6 cabling + accessories to connect to Field-box Ethernet Switch	20	M		
Replace field-box (ip65+ rating) and install breaker switch	1	EACH		
Install, Configure and activate cameras in QOGNIFY	1	Once-off		
<b>SUB TOTAL SECTION: 119 CLINIC</b>				
Price excluding VAT				
<b>1110 HAUL ROAD</b>				
12v DIN-rail power supply	1	EACH		
CAT6 cabling + accessories to connect to network cabinet	20	M		
<b>SUB TOTAL SECTION: 1110 HAUL ROAD</b>				
Price excluding VAT				

<b>114 SALCON - 1</b>				
BOSCH Starlight 7000 HD Housing	3	EACH		
CAT6 cabling + accessories to replace existing cabling to cameras	80	M		
Fiber converter chassis (15x slot)	1	EACH		
Fiber media converters compatible with fibre converter chassis	15	EACH		
Clean and reorganise / label network cabinet	1	Once-off		
<b>SUB TOTAL SECTION: 114 SALCON - 1</b>				
Price excluding VAT				
<b>114 SALCON - 2</b>				
Bi-spectral PTZ camera for use on perimeter (harsh sea conditions)	2	EACH		
Bi-spectral fixed camera for use on perimeter with camera Housing (ip65+ rating)	2	EACH		
Field-box Ethernet Switch 8 x 1GB ports + 2 x 1GB(FX) Single Mode	1	EACH		
CAT6 cabling + accessories to connect to Field-box Ethernet Switch	60	M		
Replace field-box (ip65+ rating) and install breaker switch	3	EACH		
DIN-rail media converter with fibre module	4	EACH		
Install, Configure and activate cameras in QOGNIFY	1	Once-off		
Clean and reorganise / label network cabinet	1	Once-off		
<b>SUB TOTAL SECTION: 114 SALCON - 2</b>				
Price excluding VAT				

<b>112 BREAKWATER - 1</b>				
CAT6 cabling + accessories to connect to Field-box Ethernet Switch	30	M		
Fiber converter chassis (15x slot)	1	EACH		
Fiber media converters compatible with fibre converter chassis	15	EACH		
<b>SUB TOTAL SECTION: 112 BREAKWATER - 1</b>				
Price excluding VAT				
<b>112 BREAKWATER - 2</b>				
Bi-spectral PTZ camera for use on perimeter (harsh sea conditions)	2	EACH		
Bi-spectral fixed camera for use on perimeter with camera Housing (ip65+ rating)	4	EACH		
DIN-rail media converter with fibre module	2	EACH		
Field-box Ethernet Switch 8 x 1GB ports + 2 x 1GB(FX) Single Mode	1	EACH		
CAT6 cabling + accessories to connect to Field-box Ethernet Switch	20	M		
Replace field-box (ip65+ rating) and install breaker switch	2	EACH		
Install, Configure and activate cameras in QOGNIFY	1	Once-off		
<b>SUB TOTAL SECTION: 112 BREAKWATER - 2</b>				
Price excluding VAT				

<b>112 BREAKWATER – 2 SECTIONS:</b>	
Price excluding VAT	
<b>SUB TOTAL SECTION: SUPPLY OF ON- SITE EXPERTISE AND EQUIPMENT</b>	
Price excluding VAT	
<b>TOTAL Price excluding VAT</b>	
<b>VAT</b>	
<b>TOTAL Price including VAT</b>	



<b><u>ON-SITE TEAM</u></b>				
CCTV System Administrator(s)	1	6 Months		
CCTV field Technician(s)	1	6 Months		
Cherry Picker	1	(as and when required)		
Service vehicles (1500 Km per month incl)	1	6 Months		
Healthy and Safety Requirements	1	Once-Off		
<b><u>Accidental Repairs and Camera Installations</u></b>				
<b>AD HOC repairs and camera installations "as and when" required</b>				
<b>SUB TOTAL SECTION: SUPPLY OF ON-SITE EXPERTISE AND EQUIPMENT</b>				
Price excluding VAT				

SECTION: SUBTOTAL SUMMARY	
<b>FIELD EQUIPMENT REPAIR SECTION:</b> Price excluding VAT	
<b>117 BAYVUE ENTRANCE - 1 SECTION:</b> Price excluding VAT	
<b>117 BAYVUE ENTRANCE - 2 SECTION:</b> Price excluding VAT	
<b>116 BAYVUE – 1 SECTION:</b> Price excluding VAT	
<b>116 BAYVUE – 2 SECTION:</b> Price excluding VAT	
<b>1113 RECREATIONAL AREA SECTION:</b> Price excluding VAT	
<b>1116 NEW CIVIL SECTION:</b> Price excluding VAT	
<b>115 FENCE SECTION:</b> Price excluding VAT	
<b>113 SMALL CRAFT &amp; YACHTPORT - 1 SECTION:</b> Price excluding VAT	
<b>113 SMALL CRAFT &amp; YACHTPORT - 2 SECTION:</b> Price excluding VAT	
<b>111 PORT CONTROL - 1 SECTION:</b> Price excluding VAT	
<b>111 PORT CONTROL - 2 SECTION:</b> Price excluding VAT	
<b>119 CLINIC SECTION:</b> Price excluding VAT	
<b>1110 HAUL ROAD SECTION:</b> Price excluding VAT	
<b>114 SALCON – 1 SECTION:</b> Price excluding VAT	
<b>114 SALCON – 2 SECTIONS:</b> Price excluding VAT	
<b>112 BREAKWATER – 1 SECTION:</b> Price excluding VAT	

## ANNEXURE I3: EQUIPMENT SPECIFICATION FOR SUPPLY AND INSTALL

### SECTION: SPECIFICATIONS

HARDWARE ITEMS	Quantity	Frequency
Fixed CCTV Camera	44	<ul style="list-style-type: none"> <li>100% compatible with Qognify</li> <li>Built-in IR</li> <li>IP Rating IP66, IP67 (harsh sea conditions)</li> </ul> <b>Key features</b> <ul style="list-style-type: none"> <li>Line crossing</li> <li>Intrusion</li> <li>Video Supported Video resolution or higher 1920x1080</li> <li>Max frames per second 50/60</li> <li>Electronic image stabilization</li> <li>Good low light performance</li> <li>1 year warranty</li> </ul>
Fixed Dome Camera	0	<ul style="list-style-type: none"> <li>100% compatible with Qognify</li> <li>Built-in IR</li> <li>Vandal rating IK08</li> <li>Support 2304x1728 video resolution or higher</li> <li>1 year warranty</li> </ul>
Pan, Tilt, Zoom (PTZ) Camera	14	<ul style="list-style-type: none"> <li>100% Compatible and integrated device</li> <li>Built-in IR Yes (If no, IR attachment to be supplied)</li> <li>Outdoor Ready Yes, including required mounting</li> <li>Optical zoom 32</li> <li>IP Rating IP66, IP67 (harsh sea conditions)</li> </ul> <b>Key features</b> <ul style="list-style-type: none"> <li>Line crossing</li> <li>Intrusion</li> <li>Region entrance and exit</li> <li>Fire detection</li> <li>Day and Night functionality</li> <li>Electronic image stabilization</li> <li>Wiper</li> </ul>

		<ul style="list-style-type: none"> <li>1 year warranty</li> </ul> <b>Video</b> <ul style="list-style-type: none"> <li>Supported Video resolution or higher 1920x1080</li> <li>Max frames per second 60-80</li> <li>Pan, Tilt, Zoom</li> <li>Pan range 360 degrees continuously rotate</li> </ul>
CCTV Workstation	4	<ul style="list-style-type: none"> <li>CPU 2.9Ghz+ i7 CPU</li> <li>Memory 16Gb Memory</li> <li>Hard drive 1TB</li> <li>Additional Graphics card Nvidia Quadro P1000</li> <li>Next Business Day (NBD) Mean time to repair (MTTR)</li> <li>Receive Parts and Repairs (Next Business D)</li> <li>24/7 Technical Support Phone, Chat, and email</li> <li>Operating System Windows 11 Pro (64bit)</li> <li>3-year warranty</li> </ul>
Field box	36	<ul style="list-style-type: none"> <li>ip65+ rating</li> <li>DIN-rail</li> <li>Installation of breaker switch</li> <li>Supply padlock with universal key to open all padlocks with a single key</li> <li>Supply 6 keys minimum</li> </ul>
Field box DIN-rail POE Switch	20	<b>Physical Ports</b> <ul style="list-style-type: none"> <li>5-8 10/100/1000 Base-T(X) Ports in RJ45 with P.S.E. Auto MDI/MDIX ports</li> <li>100/1000/10000 Base-X SFP+ port 2</li> <li>RS-232 Serial Console Port RS-232 in RJ45 connector with a console cable. 115200bps, 8, N, 1</li> </ul> <b>Technology</b> <ul style="list-style-type: none"> <li>PoE Output Watts 12 ~24VDC: 60Watts</li> </ul>

		<p>Max.</p> <ul style="list-style-type: none"> <li>• 24 ~ 57VDC: 120Watts Max.</li> </ul> <p><b>Physical and Environment Characteristics</b></p> <ul style="list-style-type: none"> <li>• Enclosure IP-30</li> <li>• Minimum 1 year warranty</li> </ul>
Media Converter Chassis	<p>1</p> <p>15</p>	<p>15-Slot Media Converter Chassis with redundant power supply (AC Power)</p> <p><b>Gigabit+ Media Converter (to fit media converter chassis)</b></p> <ul style="list-style-type: none"> <li>• 10/100/1000Base-T to 1000Base-LX/SX (mini-GBIC, SFP) Smart Media Converter</li> <li>• Including SFP+ module (1-5km range)</li> </ul>
Gigabit+ DIN-rail Media Converter	15	<ul style="list-style-type: none"> <li>• 10/100/1000Base-T to 1000Base-LX/SX (mini-GBIC, SFP) Smart Media Converter</li> <li>• Including SFP+ module (1-5km range)</li> <li>• 1 year warranty</li> </ul>