

Procurement, Inchicore Works, Dublin 8

An Roinn Soláthar, Inse Chór, Baile Átha Cliath 8

T 01 703 3835 E louis.gilvarry@irishrail.ie W www.irishrail.ie



21st August 2017



FOI request IE_107

Dear [REDACTED]

I refer to the request which you made under the Freedom of Information Act 2014 for records held by this body:

- This request is in relation to the value of purchases under tender reference SET 5365.
- The name of winning tenderer of SET 5365
- The supplier of the items purchased under SET 5365
- If ANPR (automatic number plate recognition systems) were purchased and if so where they deployed?
- The manufacturer name of the items supplied under this tender.

I, [REDACTED] Decision Maker have now made a final decision to a partial decision to grant your request on 21st August 2017.

You have sought access to the records outlined above and I consider this an appropriate form of access in this case. Accordingly a copy of the records is now enclosed including a copy of the schedule to these records.

I can confirm that the total value of purchases under tender SET 5365 was €407,768.50 excluding Vat see attached records 1-30.

The name of the winning tenderer was Educom Ltd, 60 Nore Road, Dublin industrial Estate, Glasnevin, Dublin 11 see attached records 31 -32.

The supplier of the items purchased was the winning tenderer Educom Ltd, 60 Nore Road, Dublin industrial Estate, Glasnevin, Dublin 11.

I can confirm that ANPR was purchased and was deployed at Merrion, Sutton and Sydney parade level crossings see attached record 5.

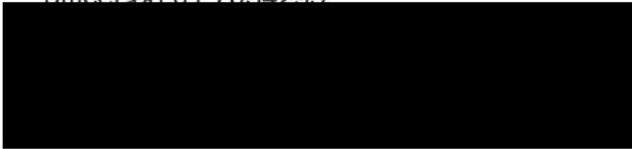
The manufacturer of the items supplied is as indicated in the copies of the Purchases orders issued mostly Avigilon products.

I trust this answers your query.

In the event that you are not happy with this decision you can make an appeal in relation to this matter, you can do so in writing to the FOI Unit, Corporate Communications, Iarnród Éireann – Irish Rail, Connolly Station, Amiens Street, Dublin 1 or by email to FOI@irishrail.ie . You should make this appeal within 4 weeks (20 working days) from the date of this notification, were a day is defined as a working day excluding, the weekend and public holidays, however, the making of a late appeal may be permitted in appropriate circumstances.

The appeal will involve a complete reconsideration of the matter by a more senior member of the staff of this body.

Should you have any questions or concerns regarding the above, please contact the FOI officer on 01 7034293



Decision Maker

Schedule of Records for IE_FOI_107 : Summary for Decision Making

Record No.	Date of Record	Brief Description	No. of Pages	Decision: Grant/Part Grant/Refuse	Section of Act if applicable	Record Edited/Identify Deletions
1	13.10.2015	4500760348	2	Part Grant	36.1 (b)	Prices quoted redacted
2	13.10.2015	4500760353	4	Part Grant	36.1 (b)	Prices quoted redacted
3	13.10.2015	4500760355	4	Part Grant	36.1 (b)	Prices quoted redacted
4	14.10.2015	4500760681	7	Part Grant	36.1 (b)	Prices quoted redacted
5	23.10.2015	4500762547	4	Part Grant	36.1 (b)	Prices quoted redacted
6	23.10.2015	4500762549	2	Part Grant	36.1 (b)	Prices quoted redacted
7	07.12.2015	4500770562	1	Part Grant	36.1 (b)	Prices quoted redacted
8	07.12.2015	4500770623	2	Part Grant	36.1 (b)	Prices quoted redacted
9	11.12.2015	4500771657	2	Part Grant	36.1 (b)	Prices quoted redacted
10	15.12.2015	4500772224	1	Part Grant	36.1 (b)	Prices quoted redacted
11	15.01.2016	4500776083	2	Part Grant	36.1 (b)	Prices quoted redacted
12	15.02.2016	4500781920	1	Part Grant	36.1 (b)	Prices quoted redacted
13	25.02.2016	4500783988	1	Part Grant	36.1 (b)	Prices quoted redacted
14	28.04.2016	4500796098	6	Part Grant	36.1 (b)	Prices quoted redacted
15	12.07.2016	4500809303	1	Part Grant	36.1 (b)	Prices quoted redacted
16	14.07.2016	4500810133	1	Part Grant	36.1 (b)	Prices quoted redacted
17	12.08.2016	4500814907	2	Part Grant	36.1 (b)	Prices quoted redacted
18	15.08.2016	4500815101	7	Part Grant	36.1 (b)	Prices quoted redacted
19	18.08.2016	4500815830	2	Part Grant	36.1 (b)	Prices quoted redacted
20	26.08.2016	4500817297	2	Part Grant	36.1 (b)	Prices quoted redacted
21	01.11.2016	4500829362	3	Part Grant	36.1 (b)	Prices quoted redacted
22	01.11.2016	4500829364		Part Grant	36.1 (b)	Prices quoted redacted
23	07.11.2016	4500830374	2	Part Grant	36.1 (b)	Prices quoted redacted
24	09.11.2016	4500831068	2	Part Grant	36.1 (b)	Prices quoted redacted
25	17.11.2016	4500832704	4	Part Grant	36.1 (b)	Prices quoted redacted
26	21.11.2016	4500833273	1	Part Grant	36.1 (b)	Prices quoted redacted
27	28.11.2016	4500834702	2	Part Grant	36.1 (b)	Prices quoted redacted
28	23.02.2017	4500849928	2	Part Grant	36.1 (b)	Prices quoted redacted
29	07.03.2017	4500852355	1	Part Grant	36.1 (b)	Prices quoted redacted
30	21.08.2017	Contract spend	4	Part Grant	36.1 (b)	Prices quoted redacted
31	23.07.2015	Contract award letter	1	Grant		
32	20.08.2015	Contract execution letter	1	Grant		

Signed

Date 21.08.2017

Please deliver with Advice Note to:
Iarnród Éireann
SET HQ
Track & Signal Hq
Cie Works
Inchicore D08 K6Y3
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Invoice to be forwarded to:
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①

Your vendor number with us
135434

EDUCOM LTD
60 NORE ROAD
DUBLIN INDUSTRIAL ESTATE
GLASNEVIN
DUBLIN 11

Purchase order

P.O. No 4500760348

Your advice note/invoice
must quote the P.O. number
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goods recipient

Contact group for this order:
CCE/SET Contracts
Telephone:
01 7031775

Iarnród Éireann

VAT Reg. No. IE4812851 O

Date : 13.10.2015

Delivery Terms			Payment Terms			Currency	
			Standard CIE terms			EUR	
Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value	
00010	148012	4 Each	HD Bullet Camera 2 MP 2.0W-H3A-B01-IR Project: 00102094 Rel. ord. against contract 4600002052 Item 00020		1 EA		
00020	148013	4 Each	Avigilon HD 2mp WDR 3-9mm IR Bullet c/w Adaptive Video Analytics *** Item completely delivered *** HD Bullet Camera Lamp Post Mount MNT-AD-POLE-B Project: 00102094 Rel. ord. against contract 4600002052 Item 00030		1 EA		
00030	148014	4 Each	Pole Mount Bracket *** Item completely delivered *** HD Bullet Camera Avigilon Junction H3-B0-JB Project: 00102094 Rel. ord. against contract 4600002052 Item 00040 Avigilon Junction box for Bullet Camera		1 EA		

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00040	148092	2 Each	<p>*** Item completely delivered ***</p> <p>HD CCTV CAMERA Microphone ACC-MIC Project: 00102094 Rel. ord. against contract 4600002052 Item 00520</p> <p>Omni-directional, low impedance, electret condenser microphone with built-in preamp for producing line level output. It is housed in a high impact ABS dome designed for ceiling or wall mounting. Normal pick-up pattern is approximately 15' from the microphone location, all directions, or within 30' diameter circle.</p>		1 EA	
00050	148121	4 Each	<p>*** Item completely delivered ***</p> <p>CCTV Speakers with Built in Amplifier TOA-APH-20 Project: 00102094 Rel. ord. against contract 4600002052 Item 00810</p> <p>TOA 20W Active External Horn Speaker *** Item completely delivered ***</p>		1 EA	
			<p>Total excluding VAT:</p> <p>ATTN. PAUL LOWE IE CONTRACT REF. 5365 Supply, Installation, Commissioning and Technical Support of Internet Protocol (IP) Video Surveillance Systems (VSS) Closed Circuit Television (CCTV) High Definition (HD) Cameras, Associated Hardware & Software and Access Control System IE CONTACT: CORMAC LALLY</p>			

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Purchase order

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VAT Reg. No. IE4812851 O

Date : 13.10.2015

Delivery Terms			Payment Terms Standard CIE terms			Currency EUR	
Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value	
00010	148012	4 Each	HD Bullet Camera 2 MP 2.0W-H3A-B01-IR Project: 00102137 Rel. ord. against contract 4600002052 Item 00020 Avigilon HD 2mp WDR 3-9mm IR Bullet c/w Adaptive Video Analytics Please deliver to: Iarnród Éireann Cie Works Inchicore		1 EA		
00020	148013	4 Each	*** Item completely delivered *** HD Bullet Camera Lamp Post Mount MNT-AD-POLE-B Project: 00102137 Rel. ord. against contract 4600002052 Item 00030		1 EA		

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00030	148014	4 Each	<p>Pole Mount Bracket Please deliver to: Infra Management Non Stock Purchasing</p> <p>*** Item completely delivered *** HD Bullet Camera Avigilon Junction H3-B0-JB Project: 00102137 Rel. ord. against contract 4600002052 Item 00040</p> <p>Avigilon Junction box for Bullet Camera Please deliver to: Infra Management Non Stock Purchasing</p>		1 EA	
00040	148054	1 Each	<p>*** Item completely delivered *** HD PTZ 2MP 2.0W-H3PTZ-DP20 Project: 00102137 Rel. ord. against contract 4600002052 Item 00140</p> <p>Avigilon 2mp External PTZ Pendent Dome Please deliver to: Iarnród Éireann Cie Works Inchicore</p>		1 EA	
00050	148056	1 Each	<p>*** Item completely delivered *** HD PTZ Camera Pole Mount adapter MNT-AD-POLE-P Project: 00102137</p>		1 EA	

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00060	148092	1 Each	<p>Rel. ord. against contract 4600002052 Item 00160</p> <p>Pole Mount adapter Please deliver to: Infra Management Non Stock Purchasing</p> <p>*** Item completely delivered ***</p> <p>HD CCTV CAMERA Microphone ACC-MIC Project: 00102137 Rel. ord. against contract 4600002052 Item 00520</p> <p>Omni-directional, low impedance, electret condenser microphone with built-in preamp for producing line level output. It is housed in a high impact ABS dome designed for ceiling or wall mounting. Normal pick-up pattern is approximately 15' from the microphone location, alldirections, or within 30' diameter circle. Please deliver to: Infra Management Non Stock Purchasing</p>		1 EA	
00070	148121	3 Each	<p>*** Item completely delivered ***</p> <p>CCTV Speakers with Built in Amplifier TOA-APH-20 Project: 00102137 Rel. ord. against contract 4600002052 Item 00810</p> <p>TOA 20W Active External Horn Speaker Please deliver to: Infra Management Non Stock Purchasing</p>		1 EA	

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00080	1481223	Each	<p>*** Item completely delivered ***</p> <p>CCTV Power Supply for Speaker CN5-CT3868SA Project: 00102137 Rel. ord. against contract 4600002052 Item 00820</p> <p>24V AC 3A Power supply Please deliver to: Infra Management Non Stock Purchasing</p> <p>*** Item completely delivered ***</p>		1 EA	
			<p>Total excluding VAT:</p> <p>ATTN. PAUL LOWE IE CONTRACT REF. Supply, Installation, Commissioning and Technical Support of Internet Protocol (IP) Video Surveillance Systems (VSS) Closed Circuit Television (CCTV) High Definition (HD) Cameras, Associated Hardware & Software and Access Control System IE CONTACT: CORMAC LALLY</p>			

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GLASNEVIN
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Purchase order

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VAT Reg. No. IE4812851 O

Date : 13.10.2015

Delivery Terms				Payment Terms		Currency	
				Standard CIE terms		EUR	
Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value	
00010	1480125	Each	HD Bullet Camera 2 MP 2.0W-H3A-B01-IR Project: 00102201 Rel. ord. against contract 4600002052 Item 00020 Avigilon HD 2mp WDR 3-9mm IR Bullet c/w Adaptive Video Analytics Please deliver to: Iarnród Éireann Cie Works Inchicore		1 EA		
00020	1480158	Each	*** Item completely delivered *** HD Dome 2 MP 3-9mm Lens 2.0-H3A-D01-IR Project: 00102201 Rel. ord. against contract 4600002052 Item 00050		1 EA		

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00030	148108	1 Each	<p>Avigilon HD 2mp WDR 3-9mm IR Dome c/w Adaptive Video Analytics</p> <p>Please deliver to: Iarnród Éireann Cie Works Inchicore</p> <p>*** Item completely delivered ***</p> <p>HD CCTV SOFTWARE LICENCE 24 Cameras 24C-ACC5-ENT Project: 00102201 Rel. ord. against contract 4600002052 Item 00680</p> <p>Avigilon ACC V5 Enterprise 24ch Licence</p> <p>Please deliver to: Iarnród Éireann Cie Works Inchicore</p>		1 EA	
00040	148110	1 Each	<p>*** Item completely delivered ***</p> <p>HD CCTV 10TB Recorder 10.0TB-HD-NVR2 Project: 00102201 Rel. ord. against contract 4600002052 Item 00700</p> <p>Fujitsu PRIMERGY RX300 2 U Rack Server - Xeon 8GB 12TB Raid 10, 2 x LAN, 2 x HP Power Module 450W Platinum Hot Swap PSU & Hdd</p> <p>Please deliver to: Iarnród Éireann Cie Works Inchicore</p>		1 EA	

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00050	148111	1 Each	<p>*** Item completely delivered ***</p> <p>HD CCTV Control Centre Viewing PC1 ED-WKST Project: 00102201 Rel. ord. against contract 4600002052 Item 00710</p> <p>Fujitsu CELSIUS W530 Workstation Xeon E3 (1241v3) 3.5GHz 16GB Ram, 1TB HDD, DVD (SM) LAN W7 Pro 64 2 x NVIDIA Quadro K620 2GB. Please deliver to: Infra Management Non Stock Purchasing</p>		1 EA	
00060	148113	2 Each	<p>*** Item completely delivered ***</p> <p>HD CCTV Remote Viewing PC ED-I3DT Project: 00102201 Rel. ord. against contract 4600002052 Item 00730</p> <p>Fujitsu P420 i3 3.4Ghz, 4Gb ram 500gb HDD, win 7p Please deliver to: Infra Management Non Stock Purchasing</p>		1 EA	
00070	148117	4 Each	<p>*** Item completely delivered ***</p> <p>HD CCTV 24" HD Monitor ED-24" Project: 00102201 Rel. ord. against contract 4600002052 Item 00770</p>		1 EA	

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
			<p>Ilyama 24" 1920 x 1080 Professional Monitor Please deliver to: Iarnród Éireann Cie Works Inchicore</p> <p>*** Item completely delivered ***</p>			
			<p>Total excluding VAT:</p> <p>ATTN. PAUL LOWE IE CONTRACT REF. 5365 Supply, Installation, Commissioning and Technical Support of Internet Protocol (IP) Video Surveillance Systems (VSS) Closed Circuit Television (CCTV) High Definition (HD) Cameras, Associated Hardware & Software and Access Control System</p> <p>IE CONTACT: CORMAC LALLY</p>			

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Purchase order

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VAT Reg. No. IE4812851 O

Date : 14.10.2015

Delivery Terms			Payment Terms			Currency	
			Standard CIE terms			EUR	
Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value	
00010	148012	2 Each	HD Bullet Camera 2 MP 2.0W-H3A-B01-IR Project: 00102094 Rel. ord. against contract 4600002052 Item 00020		1 EA		
00020	148013	2 Each	Avigilon HD 2mp WDR 3-9mm IR Bullet c/w Adaptive Video Analytics *** Item completely delivered *** HD Bullet Camera Lamp Post Mount MNT-AD-POLE-B Project: 00102094 Rel. ord. against contract 4600002052 Item 00030		1 EA		
00030	148014	2 Each	Pole Mount Bracket *** Item completely delivered *** HD Bullet Camera Avigilon Junction H3-B0-JB Project: 00102094 Rel. ord. against contract 4600002052 Item 00040 Avigilon Junction box for Bullet Camera		1 EA		

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00040	148015	21 Each	<p>*** Item completely delivered ***</p> <p>HD Dome 2 MP 3-9mm Lens 2.0-H3A-D01-IR Project: 00102094 Rel. ord. against contract 4600002052 Item 00050</p> <p>Avigilon HD 2mp WDR 3-9mm IR Dome c/w Adaptive Video Analytics</p>		1 EA	
00050	148016	2 Each	<p>*** Item completely delivered ***</p> <p>HD Dome 2 MP 9-22mm Lens 2.0-H3A-DP2 Project: 00102094 Rel. ord. against contract 4600002052 Item 00060</p> <p>Avigilon HD 2mp WDR 9-22mm Dome c/w Adaptive Video Analytics</p>		1 EA	
00060	148017	1 Each	<p>*** Item completely delivered ***</p> <p>HD Dome Pole Mount Bracket MNT-AD-POLE-D Project: 00102094 Rel. ord. against contract 4600002052 Item 00070</p> <p>Pole Mount Bracket</p>		1 EA	
00070	148062	2 Each	<p>*** Item completely delivered ***</p> <p>HD Fixed Camera 2MP 3-9mm Lens 2.0-H3-B2 Project: 00102094 Rel. ord. against contract 4600002052 Item 00220</p> <p>2.0 Megapixel (1080p) Day/Night, 3-9mm f/1.2 P-iris lens</p>		1 EA	
00080	148063	10 Each	<p>*** Item completely delivered ***</p> <p>HD Fixed Camera 2MP 4.7-84.6mm Lens 2.0-H3-B1 Project: 00102094 Rel. ord. against contract 4600002052 Item 00230</p> <p>2.0 Megapixel (1080p) Day/Night, 4.7-84.6mm f/1.6 lens</p>		1 EA	

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00090	148064	3 Each	<p>*** Item completely delivered ***</p> <p>HD Fixed Camera 5MP Lens 3-9mm 5.0-H3-B2 Project: 00102094 Rel. ord. against contract 4600002052 Item 00240</p>		1 EA	
00100	148091	1 Each	<p>5.0 Megapixel Day/Night 3-9mm f/1.2 P-Irislen</p> <p>*** Item completely delivered ***</p> <p>HD CCTV Joystick Keyboard ACC-USB-JOY-PRO Project: 00102094 Rel. ord. against contract 4600002052 Item 00510</p>		1 EA	
00110	148092	1 Each	<p>Avigilon USB Pro Joystick</p> <p>*** Item completely delivered ***</p> <p>HD CCTV CAMERA Microphone ACC-MIC Project: 00102094 Rel. ord. against contract 4600002052 Item 00520</p>		1 EA	
00120	148095	1 Each	<p>Omni-directional, low impedance, electret condenser microphone with built-in preamp for producing line level output. It is housed in a high impact ABS dome designed for ceiling or wall mounting. Normal pick-up pattern is approximately 15' from the microphone location, alldirections, or within 30' diameter circle.</p> <p>*** Item completely delivered ***</p> <p>HDCCTV Ethernet-Coax Converter 4 Port CN35-CLFE4COAX Project: 00102094 Rel. ord. against contract 4600002052 Item 00550</p>		1 EA	
00130	148096	2 Each	<p>Comnet 4 Ch Eth over Coax Convertor</p> <p>*** Item completely delivered ***</p> <p>HDCCTV Module1 Port@camera (CoAx to Eth) CN35-CLFE1COAX Project: 00102094</p>		1 EA	

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00140	148099	2 Each	Rel. ord. against contract 4600002052 Item 00560 Comnet 1 Ch Eth over Coax Convertor *** Item completely delivered *** HD CCTV Ethernet-UTP Converter 16 Port CN35-CLFE16UTP Project: 00102094 Rel. ord. against contract 4600002052 Item 00590 Comnet 16 Ch Eth over UTP Converter Rack mount *** Item completely delivered *** HD CCTV Ethernet-UTP Converter Mod1Port CN35-CLFE1UTP Project: 00102094 Rel. ord. against contract 4600002052 Item 00620 Comnet 1 Ch Eth over UTP Converter *** Item completely delivered *** HD CCTV IP66 rated enclosure ENC-IP66 Project: 00102094 Rel. ord. against contract 4600002052 Item 00630 External IP Rated enclosure *** Item completely delivered *** HD CCTV SOFTWARE LICENCE 24 Cameras 24C-ACC5-ENT Project: 00102094 Rel. ord. against contract 4600002052 Item 00680 Avigilon ACC V5 Enterprise 24ch Licence *** Item completely delivered *** HD CCTV 10TB Recorder 10.0TB-HD-NVR2 Project: 00102094 Rel. ord. against contract 4600002052 Item 00700		1 EA	
00150	148102	23 Each			1 EA	
00160	148103	25 Each			1 EA	
00170	148108	4 Each			1 EA	
00180	148110	4 Each			1 EA	

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00190	148112	2 Each	Fujitsu PRIMERGY RX300 2 U Rack Server - Xeon 8GB 12TB Raid 10, 2 x LAN, 2 x HP Power Module 450W Platinum Hot Swap PSU & Hdd *** Item completely delivered *** HD CCTV Control Centre Viewing PC2 ED-I5T Project: 00102094 Rel. ord. against contract 4600002052 Item 00720		1 EA	
00200	148114	2 Each	FUJITSU W530 COREI5-4590 3.30 GHZ 8GB 500 GB DVD RW W7P, Dual Video output. *** Item completely delivered *** HD CCTV Engineering PC ED-I3DT Project: 00102094 Rel. ord. against contract 4600002052 Item 00740		1 EA	
00210	148115	1 Each	Fujitsu P420 i3 3.4Ghz, 4Gb ram 500gb HDD, win 7p *** Item completely delivered *** HD CCTV Microphone for Operator PC DT-MIC Project: 00102094 Rel. ord. against contract 4600002052 Item 00750		1 EA	
00220	148117	4 Each	Desk top PC Micorphone *** Item completely delivered *** HD CCTV 24" HD Monitor ED-24" Project: 00102094 Rel. ord. against contract 4600002052 Item 00770		1 EA	
00230	148118	2 Each	Ilyama 24" 1920 x 1080 Professional Monitor *** Item completely delivered *** HD CCTV 30" HD Monitor ED-30" Project: 00102094		1 EA	

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00240	148121	1 Each	Rel. ord. against contract 4600002052 Item 00780 Ilyama 30" 1920 x 1080 Professional Monitor *** Item completely delivered *** CCTV Speakers with Built in Amplifier TOA-APH-20 Project: 00102094 Rel. ord. against contract 4600002052 Item 00810 TOA 20W Active External Horn Speaker *** Item completely delivered *** ED-OSC HD CCTV SITE COMMISSIONING Project: 00102094 Rel. ord. against contract 4600002052 Item 00920 *** Item completely delivered *** 24V AC Standard Housing Project: 00102094 Rel. ord. against contract 4600002052 Item 00870 24V AC Standard Housing *** Item completely delivered *** VIDEOTEC POLE MOUNT Project: 00102094 Rel. ord. against contract 4600002052 Item 00970 *** Item completely delivered ***		1 EA	
00250	148039	5 Each			1 EA	
00260	148127	15 Each			1 EA	
00270	148241	6 Each			1 EA	

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
			<p>Total excluding VAT:</p> <p>ATTN. PAUL LOWE IE CONTRACT REF. 5365 Supply, Installation, Commissioning and Technical Support of Internet Protocol (IP) Video Surveillance Systems (VSS) Closed Circuit Television (CCTV) High Definition (HD) Cameras, Associated Hardware & Software and Access Control System IE CONTACT: CORMAC LALLY</p>			

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Purchase order

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VAT Reg. No. IE4812851 O

Date : 23.10.2015

Delivery Terms				Payment Terms Standard CIE terms		Currency EUR	
Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value	
00010	148012	6 Each	HD Bullet Camera 2 MP 2.0W-H3A-B01-IR Project: 00102226 Rel. ord. against contract 4600002052 Item 00020		1 EA		
00020	148013	6 Each	Avigilon HD 2mp WDR 3-9mm IR Bullet c/w Adaptive Video Analytics *** Item completely delivered *** HD Bullet Camera Lamp Post Mount MNT-AD-POLE-B Project: 00102226 Rel. ord. against contract 4600002052 Item 00030		1 EA		
00030	148014	6 Each	Pole Mount Bracket *** Item completely delivered *** HD Bullet Camera Avigilon Junction H3-B0-JB Project: 00102226 Rel. ord. against contract 4600002052 Item 00040 Avigilon Junction box for Bullet Camera		1 EA		

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00040	148015	1 Each	<p>*** Item completely delivered ***</p> <p>HD Dome 2 MP 3-9mm Lens 2.0-H3A-D01-IR Project: 00102226 Rel. ord. against contract 4600002052 Item 00050</p> <p>Avigilon HD 2mp WDR 3-9mm IR Dome c/w Adaptive Video Analytics</p>		1 EA	
00050	148019	1 Each	<p>*** Item completely delivered ***</p> <p>HD Dome Pendant mount bracket MNT-PEND-WALL Project: 00102226 Rel. ord. against contract 4600002052 Item 00090</p> <p>Pendant mount bracket</p>		1 EA	
00090	148088	1 Each	<p>*** Item completely delivered ***</p> <p>HD CCTV Composite to IP Encoder 4 Ch ENC-4P-H264 Project: 00102226 Rel. ord. against contract 4600002052 Item 00480</p> <p>Avigilon H.264 4 Ch Analog Encoder c/w 4 audio I/O Jacks</p>		1 EA	
00100	148089	1 Each	<p>*** Item completely delivered ***</p> <p>HD CCTV Composite to IP Encoder PSU 12V-1A-PSU Project: 00102226 Rel. ord. against contract 4600002052 Item 00490</p> <p>12V 1 A PSU</p>		1 EA	
00110	148090	1 Each	<p>*** Item completely delivered ***</p> <p>HDCCTV Composite-IP Encoder1U RackMount ENC-BRK1U Project: 00102226 Rel. ord. against contract 4600002052 Item 00500</p> <p>Avigilon 1U Mounting Kit to hold 3 x encoders</p>		1 EA	

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00120	148039	3 Each	<p>*** Item completely delivered ***</p> <p>ED-OSC HD CCTV SITE COMMISSIONING</p> <p>Project: 00102226</p> <p>Rel. ord. against contract 4600002052 Item 00920</p>		1 EA	
00130	148121	4 Each	<p>*** Item completely delivered ***</p> <p>CCTV Speakers with Built in Amplifier</p> <p>TOA-APH-20</p> <p>Project: 00102226</p> <p>Rel. ord. against contract 4600002052 Item 00810</p>		1 EA	
00140	148092	3 Each	<p>TOA 20W Active External Horn Speaker</p> <p>*** Item completely delivered ***</p> <p>HD CCTV CAMERA Microphone</p> <p>ACC-MIC</p> <p>Project: 00102226</p> <p>Rel. ord. against contract 4600002052 Item 00520</p>		1 EA	
00150	148389	1 Each	<p>Omni-directional, low impedance, electret condenser microphone with built-in preamp for producing line level output. It is housed in a high impact ABS dome designed for ceiling or wall mounting. Normal pick-up pattern is approximately 15' from the microphone location, alldirections, or within 30' diameter circle.</p> <p>*** Item completely delivered ***</p> <p>Avigilon 12M Dual LaneHD LPR Camera</p> <p>Project: 00102226</p> <p>Rel. ord. against contract 4600002052 Item 00980</p>		1 EA	
00160	148400	3 Each	<p>Avigilon 12M Dual Lane HD LPR Capture Kit</p> <p>*** Item completely delivered ***</p> <p>Avigilon 15M Single Lane HD LPR Camera</p> <p>Project: 00102226</p> <p>Rel. ord. against contract 4600002052 Item 00990</p>		1 EA	

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00170	148400	2 Each	<p>Avigilon 15M Single Lane HD LPR Capture Kit *** Item completely delivered *** Avigilon 15M Single Lane HD LPR Camera</p> <p>Project: 00102226 Rel. ord. against contract 4600002052 Item 00990</p> <p>Avigilon 15M Single Lane HD LPR Capture Kit *** Item completely delivered ***</p>		1 EA	
			<p>Total excluding VAT:</p> <p>ATTN. PAUL/ DAIRE IE CONTRACT REF. 5365 IE CONTACT: CORMAC LALLY</p>			

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Delivery Terms			Payment Terms Standard CIE terms			Currency EUR	
Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value	
00010	148014	5 Each	HD Bullet Camera Avigilon Junction H3-B0-JB Project: 00102094 Rel. ord. against contract 4600002052 Item 00040 Avigilon Junction box for Bullet Camera *** Item completely delivered ***		1 EA		
00020	148019	1 Each	HD Dome Pendant mount bracket MNT-PEND-WALL Project: 00102094 Rel. ord. against contract 4600002052 Item 00090 Pendant mount bracket *** Item completely delivered ***		1 EA		
00030	148055	1 Each	HD PTZ Camera Compact Wall Bracket MNT-PEND-WALL-PTZ Project: 00102094 Rel. ord. against contract 4600002052 Item 00150 Compact Wall Bracket *** Item completely delivered ***		1 EA		

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
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Date : 07.12.2015

Delivery Terms			Payment Terms Standard CIE terms			Currency EUR	
Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value	
00010	1480136	Each	HD Bullet Camera Lamp Post Mount MNT-AD-POLE-B Project: 00102226 Rel. ord. against contract 4600002052 Item 00030 Pole Mount Bracket *** Item completely delivered ***		1 EA		
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Date : 07.12.2015

Delivery Terms				Payment Terms Standard CIE terms		Currency EUR	
Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value	
00010	1481012	Each	HD CCTV Ethernet-UTP Converter 4 Port CN35-CLFE4UTP Project: 00102226 Rel. ord. against contract 4600002052 Item 00610 Comnet 4 Ch Eth over UTP Converter *** Item completely delivered ***		1 EA		
00020	1481028	Each	HD CCTV Ethernet-UTP Converter Mod1Port CN35-CLFE1UTP Project: 00102226 Rel. ord. against contract 4600002052 Item 00620 Comnet 1 Ch Eth over UTP Converter *** Item completely delivered ***		1 EA		
00030	1481038	Each	HD CCTV IP66 rated enclosure ENC-IP66 Project: 00102226 Rel. ord. against contract 4600002052 Item 00630 External IP Rated enclosure *** Item completely delivered ***		1 EA		

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
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Delivery Terms			Payment Terms			Currency	
			Standard CIE terms			EUR	
Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value	
00010	148015	2	HD Dome 2 MP 3-9mm Lens 2.0-H3A-D01-IR recipient: Paul Flynn Project: 00098531 Rel. ord. against contract 4600002052 Item 00050		1 EA		
00020	148019	2	Avigilon HD 2mp WDR 3-9mm IR Dome c/w Adaptive Video Analytics *** Item completely delivered *** HD Dome Pendant mount bracket MNT-PEND-WALL recipient: Paul Flynn Project: 00098531 Rel. ord. against contract 4600002052 Item 00090		1 EA		
00030	148092	1	Pendant mount bracket *** Item completely delivered *** HD CCTV CAMERA Microphone ACC-MIC recipient: Paul Flynn Project: 00098531 Rel. ord. against contract 4600002052 Item 00520		1 EA		

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00040	1481024	Each	<p>Omni-directional, low impedance, electret condenser microphone with built-in preamp for producing line level output. It is housed in a high impact ABS dome designed for ceiling or wall mounting. Normal pick-up pattern is approximately 15' from the microphone location, all directions, or within 30' diameter circle.</p> <p>*** Item completely delivered ***</p> <p>HD CCTV Ethernet-UTP Converter Mod1Port CN35-CLFE1UTP</p> <p>Project: 00098531 Rel. ord. against contract 4600002052 Item 00620</p> <p>Comnet 1 Ch Eth over UTP Converter *** Item completely delivered ***</p>		1 EA	
00050	1481032	Each	<p>HD CCTV IP66 rated enclosure ENC-IP66</p> <p>Project: 00098531 Rel. ord. against contract 4600002052 Item 00630</p> <p>External IP Rated enclosure *** Item completely delivered ***</p>		1 EA	
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				Standard CIE terms		EUR	
Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value	
00010	1480182	Each	HD Dome Junction box H3-D0-JB				
recipient: Paul Flynn			Project: 00098531		1 EA		
			Rel. ord. against contract 4600002052 Item 00080				
			Junction box for Dome Camera				
			*** Item completely delivered ***				
00020	1480391	Each	ED-OSC HD CCTV SITE COMMISSIONING				
recipient: Paul Flynn			Project: 00098531		1 EA		
			Rel. ord. against contract 4600002052 Item 00920				
			*** Item completely delivered ***				
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IE CONTACT: PAUL FLYNN							

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Date : 15.01.2016

Delivery Terms			Payment Terms Standard CIE terms			Currency EUR	
Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value	
00010	148013	1 Each	HD Bullet Camera Lamp Post Mount MNT-AD-POLE-B Project: 00102226 Rel. ord. against contract 4600002052 Item 00030 Pole Mount Bracket Please deliver to: Infra Management Non Stock Purchasing		1 EA		
00020	148097	1 Each	*** Item completely delivered *** HD CCTV IP66 rated enclosure ENC-IP66 Project: 00102226 Rel. ord. against contract 4600002052 Item 00570 External IP Rated enclosure Please deliver to: Infra Management Non Stock Purchasing		1 EA		

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00030	148039	4 Each	<p>*** Item completely delivered ***</p> <p>ED-OSC HD CCTV SITE COMMISSIONING</p> <p>Project: 00102226 Rel. ord. against contract 4600002052 Item 00920 Please deliver to: Iarnród Éireann Cie Works Inchicore</p> <p>*** Item completely delivered ***</p>		1 EA	
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				Standard CIE terms		EUR	
Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value	
00010	148036	1 Each	ED-TFM HD CCTV TRAINING FRONTLINE MTCE Project: 00102094 Rel. ord. against contract 4600002052 Item 00890 *** Item completely delivered ***		1 EA		
00020	148037	1 Each	ED-THLM HD CCTV TRAINING HIGHER LVL MTCE Project: 00102094 Rel. ord. against contract 4600002052 Item 00900 *** Item completely delivered ***		1 EA		
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Delivery Terms			Payment Terms			Currency	
			Standard CIE terms			EUR	
Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value	
00010	1480396	Each	ED-OSC HD CCTV SITE COMMISSIONING Project: 00102094 Rel. ord. against contract 4600002052 Item 00920 *** Item completely delivered ***		1 EA		
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Date : 28.04.2016

Delivery Terms			Payment Terms Standard CIE terms			Currency EUR	
Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value	
00010	148012	2 Each	HD Bullet Camera 2 MP 2.0W-H3A-B01-IR Project: 00102688 Rel. ord. against contract 4600002052 Item 00020 Avigilon HD 2mp WDR 3-9mm IR Bullet c/w Adaptive Video Analytics Please deliver to: Infra Management Non Stock Purchasing		1 EA		
00020	148015	27 Each	*** Item completely delivered *** HD Dome 2 MP 3-9mm Lens 2.0-H3A-D01-IR Project: 00102688 Rel. ord. against contract 4600002052 Item 00050		1 EA		

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00030	148018	2 Each	<p>Avigilon HD 2mp WDR 3-9mm IR Dome c/w Adaptive Video Analytics</p> <p>Please deliver to: Iarnród Éireann Cie Works Inchicore</p> <p>*** Item completely delivered ***</p> <p>HD Dome Junction box H3-D0-JB Project: 00102688 Rel. ord. against contract 4600002052 Item 00080</p> <p>Junction box for Dome Camera Please deliver to: Infra Management Non Stock Purchasing</p>		1 EA	
00040	148088	3 Each	<p>*** Item completely delivered ***</p> <p>HD CCTV Composite to IP Encoder 4 Ch ENC-4P-H264 Project: 00102688 Rel. ord. against contract 4600002052 Item 00480</p> <p>Avigilon H.264 4 Ch Analog Encoder c/w 4 audio I/O Jacks Please deliver to: Infra Management Non Stock Purchasing</p>		1 EA	
00050	148089	3 Each	<p>*** Item completely delivered ***</p> <p>HD CCTV Composite to IP Encoder PSU 12V-1A-PSU Project: 00102688</p>		1 EA	

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00060	148090	1 Each	<p>Rel. ord. against contract 4600002052 Item 00490</p> <p>12V 1 A PSU Please deliver to: Infra Management Non Stock Purchasing</p> <p>*** Item completely delivered *** HDCCTV Composite-IP Encoder1U RackMount ENC-BRK1U Project: 00102688 Rel. ord. against contract 4600002052 Item 00500</p> <p>Avigilon 1U Mounting Kit to hold 3 x encoders Please deliver to: Infra Management Non Stock Purchasing</p>		1 EA	
00070	148092	4 Each	<p>*** Item completely delivered *** HD CCTV CAMERA Microphone ACC-MIC Project: 00102688 Rel. ord. against contract 4600002052 Item 00520</p> <p>Omni-directional, low impedance, electret condenser microphone with built-in preamp for producing line level output. It is housed in a high impact ABS dome designed for ceiling or wall mounting. Normal pick-up pattern is approximately 15' from the microphone location, alldirections, or within 30' diameter circle. Please deliver to: Infra Management Non Stock Purchasing</p>		1 EA	

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00080	148107 1	Each	<p>*** Item completely delivered ***</p> <p>HD CCTV SOFTWARE LICENCE 16 Cameras 16C-ACC5-ENT Project: 00102688 Rel. ord. against contract 4600002052 Item 00670</p> <p>Avigilon ACC V5 Enterprise 16ch Licence Please deliver to: Iarnród Éireann Cie Works Inchicore</p>		1 EA	
00090	148108 1	Each	<p>*** Item completely delivered ***</p> <p>HD CCTV SOFTWARE LICENCE 24 Cameras 24C-ACC5-ENT Project: 00102688 Rel. ord. against contract 4600002052 Item 00680</p> <p>Avigilon ACC V5 Enterprise 24ch Licence Please deliver to: Iarnród Éireann Cie Works Inchicore</p>		1 EA	
00100	148110 2	Each	<p>*** Item completely delivered ***</p> <p>HD CCTV 10TB Recorder 10.0TB-HD-NVR2 Project: 00102688 Rel. ord. against contract 4600002052 Item 00700</p>		1 EA	

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00110	148113	1 Each	<p>Fujitsu PRIMERGY RX300 2 U Rack Server - Xeon 8GB 12TB Raid LAN, 2 x HP Power Module 450W Platinum Hot Swap PSU & Hdd Please deliver to: Iarnród Éireann Cie Works Inchicore</p> <p>*** Item completely delivered *** HD CCTV Remote Viewing PC ED-I3DT Project: 00102688 Rel. ord. against contract 4600002052 Item 00730</p> <p>Fujitsu P420 i3 3.4Ghz, 4Gb ram 500gb HDD, win 7p Please deliver to: Infra Management Non Stock Purchasing</p>		10, 2 x	
00120	148116	1 Each	<p>*** Item completely delivered *** HD CCTV 20"HD Monitor ED-20" Project: 00102688 Rel. ord. against contract 4600002052 Item 00760</p> <p>Ilyama 23" 1920 x 1080 Professional Monitor Please deliver to: Infra Management Non Stock Purchasing</p>		1 EA	

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00130	148121	4 Each	<p>*** Item completely delivered ***</p> <p>CCTV Speakers with Built in Amplifier TOA-APH-20 Project: 00102688 Rel. ord. against contract 4600002052 Item 00810</p> <p>TOA 20W Active External Horn Speaker Please deliver to: Infra Management Non Stock Purchasing</p>		1 EA	
00140	148039	5 Each	<p>*** Item completely delivered ***</p> <p>ED-OSC HD CCTV SITE COMMISSIONING Project: 00102688 Rel. ord. against contract 4600002052 Item 00920 Please deliver to: Iarnród Éireann Cie Works Inchicore</p> <p>*** Item completely delivered ***</p>		1 EA	
			<p>Total excluding VAT:</p> <p>IE CONTRACT REF. 5365 SUPPLY OF IP HD CCTV IE CONTACT: CORMAC LALLY</p>			

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Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value	
00010	148015	1 Each	HD Dome 2 MP 3-9mm Lens 2.0-H3A-D01-IR Project: 00100635 Rel. ord. against contract 4600002052 Item 00050 Avigilon HD 2mp WDR 3-9mm IR Dome c/w Adaptive Video Analytics *** Item completely delivered ***		1 EA		
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Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00010	148039	4 Each	ED-OSC HD CCTV SITE COMMISSIONING Project: 00102226 Rel. ord. against contract 4600002052 Item 00920 *** Item completely delivered ***		1 EA	
00020	148039	1 Each	ED-OSC HD CCTV SITE COMMISSIONING Project: 00100635 Rel. ord. against contract 4600002052 Item 00920 *** Item completely delivered ***		1 EA	
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CentralProcurement
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 **Iarnród Éireann**

VAT Reg. No. IE4812851 O

Date : 12.08.2016

Delivery Terms			Payment Terms			Currency	
			Standard CIE terms			EUR	
Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value	
00010	148015	2 Each	HD Dome 2 MP 3-9mm Lens 2.0-H3A-D01-IR Project: 00102688 Rel. ord. against contract 4600002052 Item 00050 Avigilon HD 2mp WDR 3-9mm IR Dome c/w Adaptive Video Analytics Part of EDUCOM SET 5365 CCTV Supply Agreement *** Item completely delivered ***		1 EA		
00020	148092	2 Each	HD CCTV CAMERA Microphone ACC-MIC Project: 00102688 Rel. ord. against contract 4600002052 Item 00520 Omni-directional, low impedance, electret condenser microphone with built-in preamp for producing line level output. It is housed in a high impact ABS dome designed for ceiling or wall mounting. Normal pick-up pattern is approximately 15' from the microphone location, alldirections, or within 30' diameter circle.		1 EA		

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00030	148115	4 Each	<p>*** Item completely delivered ***</p> <p>HD CCTV Microphone for Operator PC DT-MIC</p> <p>Project: 00102688 Rel. ord. against contract 4600002052 Item 00750</p> <p>Desk top PC Micorphone</p>		1 EA	
00040	148116	2 Each	<p>*** Item completely delivered ***</p> <p>HD CCTV 20"HD Monitor ED-20"</p> <p>Project: 00102688 Rel. ord. against contract 4600002052 Item 00760</p> <p>Ilyama 23" 1920 x 1080 Professional Monitor</p>		1 EA	
00050	148121	4 Each	<p>*** Item completely delivered ***</p> <p>CCTV Speakers with Built in Amplifier TOA-APH-20</p> <p>Project: 00102688 Rel. ord. against contract 4600002052 Item 00810</p> <p>TOA 20W Active External Horn Speaker</p>		1 EA	
00060	148039	3 Each	<p>*** Item completely delivered ***</p> <p>ED-OSC HD CCTV SITE COMMISSIONING</p> <p>Project: 00102688 Rel. ord. against contract 4600002052 Item 00920</p> <p>*** Item completely delivered ***</p>		1 EA	
			Total excluding VAT:			

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VAT Reg. No. IE4812851 O

Date : 15.08.2016

Delivery Terms				Payment Terms Standard CIE terms		Currency EUR	
Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value	
00010	1480113	Each	HD Bullet Camera 1 MP 1.0W-H3A-B01-IR Project: 00102688 Rel. ord. against contract 4600002052 Item 00010 Avigilon HD 1mp WDR 3-9mm IR Bullet c/w Adaptive Video Analytics Part of EDUCOM SET 5365 CCTV Supply Agreement *** Item completely delivered ***		1 EA		
00020	1480143	Each	HD Bullet Camera Avigilon Junction H3-B0-JB Project: 00102688 Rel. ord. against contract 4600002052 Item 00040 Avigilon Junction box for Bullet Camera *** Item completely delivered ***		1 EA		
00030	14801516	Each	HD Dome 2 MP 3-9mm Lens 2.0-H3A-D01-IR Project: 00102688 Rel. ord. against contract 4600002052 Item 00050		1 EA		

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00040	148059	8 Each	<p>Avigilon HD 2mp WDR 3-9mm IR Dome c/w Adaptive Video Analytics *** Item completely delivered *** HD Panoramic 360 Deg 12MP 12W-H3-4MH-DCI Project: 00102688 Rel. ord. against contract 4600002052 Item 00190</p>		1 EA	
00050	148062	2 Each	<p>Avigilon 360deg 12mp Panoramic HD Dome *** Item completely delivered *** HD Fixed Camera 2MP 3-9mm Lens 2.0-H3-B2 Project: 00102688 Rel. ord. against contract 4600002052 Item 00220</p>		1 EA	
00060	148088	5 Each	<p>2.0 Megapixel (1080p) Day/Night, 3-9mm f/1.2 P-iris lens *** Item completely delivered *** HD CCTV Composite to IP Encoder 4 Ch ENC-4P-H264 Project: 00102688 Rel. ord. against contract 4600002052 Item 00480</p>		1 EA	
00070	148089	5 Each	<p>Avigilon H.264 4 Ch Analog Encoder c/w 4 audio I/O Jacks *** Item completely delivered *** HD CCTV Composite to IP Encoder PSU 12V-1A-PSU Project: 00102688 Rel. ord. against contract 4600002052 Item 00490</p>		1 EA	
00080	148090	2 Each	<p>12V 1 A PSU *** Item completely delivered *** HDCCTV Composite-IP Encoder 1U Rack Mount ENC-BRK1U Project: 00102688 Rel. ord. against contract 4600002052 Item 00500</p>		1 EA	
			Avigilon 1U Mounting Kit to hold 3 x encoders			

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00090	148105	1 Each	<p>*** Item completely delivered ***</p> <p>HD CCTV SOFTWARE LICENCE 4 Cameras 4C-ACC5-ENT Project: 00102688 Rel. ord. against contract 4600002052 Item 00650</p> <p>Avigilon ACC V5 Enterprise 4ch Licence *** Item completely delivered ***</p>		1 EA	
00100	148106	1 Each	<p>HD CCTV SOFTWARE LICENCE 8 Cameras 8C-ACC5-ENT Project: 00102688 Rel. ord. against contract 4600002052 Item 00660</p> <p>Avigilon ACC V5 Enterprise 8ch Licence *** Item completely delivered ***</p>		1 EA	
00110	148108	1 Each	<p>HD CCTV SOFTWARE LICENCE 24 Cameras 24C-ACC5-ENT Project: 00102688 Rel. ord. against contract 4600002052 Item 00680</p> <p>Avigilon ACC V5 Enterprise 24ch Licence *** Item completely delivered ***</p>		1 EA	
00120	148110	2 Each	<p>HD CCTV 10TB Recorder 10.0TB-HD-NVR2 Project: 00102688 Rel. ord. against contract 4600002052 Item 00700</p> <p>Fujitsu PRIMERGY RX300 2 U Rack Server - Xeon 8GB 12TB Raid LAN, 2 x HP Power Module 450W Platinum Hot Swap PSU & Hdd *** Item completely delivered ***</p>		1 EA	
00130	148113	1 Each	<p>HD CCTV Remote Viewing PC ED-I3DT Project: 00102688 Rel. ord. against contract 4600002052 Item 00730</p> <p>Fujitsu P420 i3 3.4Ghz, 4Gb ram 500gb HDD, win 7p</p>		1 EA	

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00140	148116	1 Each	<p>*** Item completely delivered ***</p> <p>HD CCTV 20"HD Monitor ED-20"</p> <p>Project: 00102688 Rel. ord. against contract 4600002052 Item 00760</p> <p>Ilyama 23" 1920 x 1080 Professional Monitor</p>		1 EA	
00150	148128	2 Each	<p>*** Item completely delivered ***</p> <p>PoE AC Standard Housing</p> <p>Project: 00102688 Rel. ord. against contract 4600002052 Item 00880</p> <p>PoE AC Standard Housing</p>		1 EA	
00160	148039	3 Each	<p>*** Item completely delivered ***</p> <p>ED-OSC HD CCTV SITE COMMISSIONING</p> <p>Project: 00102688 Rel. ord. against contract 4600002052 Item 00920</p>		1 EA	
00170	148012	22 Each	<p>*** Item completely delivered ***</p> <p>HD Bullet Camera 2 MP 2.0W-H3A-B01-IR</p> <p>Project: 00102688 Rel. ord. against contract 4600002052 Item 00020</p>		1 EA	
00180	148013	5 Each	<p>Avigilon HD 2mp WDR 3-9mm IR Bullet c/w Adaptive Video Analytics</p> <p>*** Item completely delivered ***</p> <p>HD Bullet Camera Lamp Post Mount MNT-AD-POLE-B</p> <p>Project: 00102688 Rel. ord. against contract 4600002052 Item 00030</p> <p>Pole Mount Bracket</p>		1 EA	

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00190	148014	16 Each	<p>*** Item completely delivered ***</p> <p>HD Bullet Camera Avigilon Junction H3-B0-JB Project: 00102688 Rel. ord. against contract 4600002052 Item 00040</p> <p>Avigilon Junction box for Bullet Camera</p>		1 EA	
00200	148058	1 Each	<p>*** Item completely delivered ***</p> <p>HD Panoramic 360 Deg 9MP 9W-H3-3MH-DCI Project: 00102688 Rel. ord. against contract 4600002052 Item 00180</p> <p>Avigilon 360deg 9mp Panoramic HD Dome</p>		1 EA	
00210	148088	3 Each	<p>*** Item completely delivered ***</p> <p>HD CCTV Composite to IP Encoder 4 Ch ENC-4P-H264 Project: 00102688 Rel. ord. against contract 4600002052 Item 00480</p> <p>Avigilon H.264 4 Ch Analog Encoder c/w 4 audio I/O Jacks</p>		1 EA	
00220	148089	3 Each	<p>*** Item completely delivered ***</p> <p>HD CCTV Composite to IP Encoder PSU 12V-1A-PSU Project: 00102688 Rel. ord. against contract 4600002052 Item 00490</p> <p>12V 1 A PSU</p>		1 EA	
00230	148090	1 Each	<p>*** Item completely delivered ***</p> <p>HDCCTV Composite-IP Encoder1U RackMount ENC-BRK1U Project: 00102688 Rel. ord. against contract 4600002052 Item 00500</p> <p>Avigilon 1U Mounting Kit to hold 3 x encoders</p>		1 EA	

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00240	148108	2 Each	<p>*** Item completely delivered ***</p> <p>HD CCTV SOFTWARE LICENCE 24 Cameras 24C-ACC5-ENT Project: 00102688 Rel. ord. against contract 4600002052 Item 00680</p> <p>Avigilon ACC V5 Enterprise 24ch Licence *** Item completely delivered ***</p>		1 EA	
00250	148110	2 Each	<p>HD CCTV 10TB Recorder 10.0TB-HD-NVR2 Project: 00102688 Rel. ord. against contract 4600002052 Item 00700</p> <p>Fujitsu PRIMERGY RX300 2 U Rack Server - Xeon 8GB 12TB Raid 10, 2 x LAN, 2 x HP Power Module 450W Platinum Hot Swap PSU & Hdd *** Item completely delivered ***</p>		1 EA	
00260	148112	1 Each	<p>HD CCTV Control Centre Viewing PC2 ED-I5T Project: 00102688 Rel. ord. against contract 4600002052 Item 00720</p> <p>FUJITSU W530 COREI5-4590 3.30 GHZ 8GB 500 GB DVDRW W7P, Dual Video output. *** Item completely delivered ***</p>		1 EA	
00270	148117	2 Each	<p>HD CCTV 24" HD Monitor ED-24" Project: 00102688 Rel. ord. against contract 4600002052 Item 00770</p> <p>Ilyama 24" 1920 x 1080 Professional Monitor *** Item completely delivered ***</p>		1 EA	
00280	148039	4 Each	<p>ED-OSC HD CCTV SITE COMMISSIONING Project: 00102688 Rel. ord. against contract 4600002052 Item 00920 *** Item completely delivered ***</p>		1 EA	

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
			<p>Total excluding VAT:</p> <p>IE CONTRACT REF. SET 5365</p> <p>Supply and install of CCTV Cameras for Connolly and Tara St Station.</p> <p>IE CONTACT: CORMAC LALLY</p>			

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VAT Reg. No. IE4812851 O

Date : 18.08.2016

Delivery Terms			Payment Terms			Currency	
			Standard CIE terms			EUR	
Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value	
00010	148016	16 Each	HD Dome 2 MP 9-22mm Lens 2.0-H3A-DP2 Project: 00102688 Rel. ord. against contract 4600002052 Item 00060 Avigilon HD 2mp WDR 9-22mm Dome c/w Adaptive Video Analytics Part of EDUCOM SET 5365 CCTV Supply Agreement *** Item completely delivered ***		1 EA		
00020	148088	1 Each	HD CCTV Composite to IP Encoder 4 Ch ENC-4P-H264 Project: 00102688 Rel. ord. against contract 4600002052 Item 00480 Avigilon H.264 4 Ch Analog Encoder c/w 4 audio I/O Jacks *** Item completely delivered ***		1 EA		
00030	148089	1 Each	HD CCTV Composite to IP Encoder PSU 12V-1A-PSU Project: 00102688 Rel. ord. against contract 4600002052 Item 00490		1 EA		

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
			12V 1 A PSU *** Item completely delivered ***			
			Total excluding VAT:			

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VAT Reg. No. IE4812851 O

Date : 26.08.2016

Delivery Terms			Payment Terms Standard CIE terms			Currency EUR	
Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value	
00010	148111	2 Each	HD CCTV Control Centre Viewing PC1 ED-WKST Project: 00101037 Rel. ord. against contract 4600002052 Item 00710 Fujitsu CELSIUS W530 Workstation Xeon E3 (1241v3) 3.5GHz 16GB Ram, 1TB HDD, DVD (SM) LAN W7 Pro 64 2 x NVIDIA Quadro K620 2GB. Part of EDUCOM SET 5365 *** Item completely delivered ***		1 EA		
00020	148117	16 Each	HD CCTV 24" HD Monitor ED-24" Project: 00101037 Rel. ord. against contract 4600002052 Item 00770 Ilyama 24" 1920 x 1080 Professional Monitor *** Item completely delivered ***		1 EA		
00030	148111	2 Each	HD CCTV Control Centre Viewing PC1 ED-WKST Project: 00101037 Rel. ord. against contract 4600002052 Item 00710		1 EA		

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00040	148115	2 Each	Fujitsu CELSIUS W530 Workstation Xeon E3 (1241v3) 3.5GHz 16GB HDD, DVD (SM) LAN W7 Pro 64 2 x NVIDIA Quadro K620 2GB. *** Item completely delivered *** HD CCTV Microphone for Operator PC DT-MIC Project: 00101037 Rel. ord. against contract 4600002052 Item 00750		Ram, 1TB 1 EA	
00050	148014	1 Each	Desk top PC Micorphone *** Item completely delivered *** HD Bullet Camera Avigilon Junction H3-B0-JB Project: 00102688 Rel. ord. against contract 4600002052 Item 00040 Avigilon Junction box for Bullet Camera *** Item completely delivered ***		1 EA	
			Total excluding VAT:			

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Date : 01.11.2016

Delivery Terms			Payment Terms Standard CIE terms			Currency EUR	
Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value	
00010	148012	2 Each	HD Bullet Camera 2 MP 2.0W-H3A-B01-IR Project: 00103118 Rel. ord. against contract 4600002052 Item 00020 Avigilon HD 2mp WDR 3-9mm IR Bullet c/w Adaptive Video Analytics As per Supply of IP CCTV - SET 5365 *** Item completely delivered ***		1 EA		
00020	148013	2 Each	HD Bullet Camera Lamp Post Mount MNT-AD-POLE-B Project: 00103118 Rel. ord. against contract 4600002052 Item 00030 Pole Mount Bracket *** Item completely delivered ***		1 EA		
00030	148014	2 Each	HD Bullet Camera Avigilon Junction H3-B0-JB Project: 00103118 Rel. ord. against contract 4600002052 Item 00040 Avigilon Junction box for Bullet Camera		1 EA		

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00040	148092	1 Each	<p>*** Item completely delivered ***</p> <p>HD CCTV CAMERA Microphone ACC-MIC</p> <p>Project: 00103118 Rel. ord. against contract 4600002052 Item 00520</p> <p>Omni-directional, low impedance, electret condenser microphone with built-in preamp for producing line level output. It is housed in a high impact ABS dome designed for ceiling or wall mounting. Normal pick-up pattern is approximately 15' from the microphone location, all directions, or within 30' diameter circle.</p>		1 EA	
00050	148105	1 Each	<p>*** Item completely delivered ***</p> <p>HD CCTV SOFTWARE LICENCE 4 Cameras 4C-ACC5-ENT</p> <p>Project: 00103118 Rel. ord. against contract 4600002052 Item 00650</p> <p>Avigilon ACC V5 Enterprise 4ch Licence</p>		1 EA	
00060	148121	2 Each	<p>*** Item completely delivered ***</p> <p>CCTV Speakers with Built in Amplifier TOA-APH-20</p> <p>Project: 00103118 Rel. ord. against contract 4600002052 Item 00810</p> <p>TOA 20W Active External Horn Speaker</p>		1 EA	
00070	148122	2 Each	<p>*** Item completely delivered ***</p> <p>CCTV Power Supply for Speaker CN5-CT3868SA</p> <p>Project: 00103118 Rel. ord. against contract 4600002052 Item 00820</p> <p>24V AC 3A Power supply</p> <p>*** Item completely delivered ***</p>		1 EA	
			Total excluding VAT:			

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 **Iarnród Éireann**

VAT Reg. No. IE4812851 O

Date : 01.11.2016

Delivery Terms			Payment Terms Standard CIE terms			Currency EUR	
Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value	
00010	148012 4	Each	HD Bullet Camera 2 MP 2.0W-H3A-B01-IR Project: 00093371 Rel. ord. against contract 4600002052 Item 00020 Avigilon HD 2mp WDR 3-9mm IR Bullet c/w Adaptive Video Analytics As per Supply of IP CCTV - SET 5365 Please deliver to: Iarnród Éireann Cie Works Inchicore *** Item completely delivered ***		1 EA		
00020	148014 4	Each	HD Bullet Camera Avigilon Junction H3-B0-JB Project: 00093371 Rel. ord. against contract 4600002052 Item 00040		1 EA		

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00030	148105	1 Each	<p>Avigilon Junction box for Bullet Camera Please deliver to: Infra Management Non Stock Purchasing</p> <p>*** Item completely delivered *** HD CCTV SOFTWARE LICENCE 4 Cameras 4C-ACC5-ENT Project: 00093371 Rel. ord. against contract 4600002052 Item 00650</p> <p>Avigilon ACC V5 Enterprise 4ch Licence Please deliver to: Infra Management Non Stock Purchasing</p>		 1 EA	
00040	148039	1 Each	<p>*** Item completely delivered *** ED-OSC HD CCTV SITE COMMISSIONING Project: 00093371 Rel. ord. against contract 4600002052 Item 00920 Please deliver to: Infra Management Non Stock Purchasing</p> <p>*** Item completely delivered ***</p>		 1 EA	
			Total excluding VAT:			

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Purchase order

P.O. No 4500830374

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VAT Reg. No. IE4812851 O

Date : 07.11.2016

Delivery Terms			Payment Terms Standard CIE terms			Currency EUR
Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00010	148012	15 Each	HD Bullet Camera 2 MP 2.0W-H3A-B01-IR Project: 00093655 Rel. ord. against contract 4600002052 Item 00020 Avigilon HD 2mp WDR 3-9mm IR Bullet c/w Adaptive Video Analytics As per Supply of IP CCTV - SET 5365 *** Item completely delivered ***		1 EA	
00020	148013	8 Each	HD Bullet Camera Lamp Post Mount MNT-AD-POLE-B Project: 00093655 Rel. ord. against contract 4600002052 Item 00030 Pole Mount Bracket *** Item completely delivered ***		1 EA	
00030	148014	15 Each	HD Bullet Camera Avigilon Junction H3-B0-JB Project: 00093655 Rel. ord. against contract 4600002052 Item 00040 Avigilon Junction box for Bullet Camera		1 EA	

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00040	148107	1 Each	<p>*** Item completely delivered ***</p> <p>HD CCTV SOFTWARE LICENCE 16 Cameras 16C-ACC5-ENT Project: 00093655 Rel. ord. against contract 4600002052 Item 00670</p> <p>Avigilon ACC V5 Enterprise 16ch Licence *** Item completely delivered ***</p>		1 EA	
00050	148110	1 Each	<p>HD CCTV 10TB Recorder 10.0TB-HD-NVR2 Project: 00093655 Rel. ord. against contract 4600002052 Item 00700</p> <p>Fujitsu PRIMERGY RX300 2 U Rack Server - Xeon 8GB 12TB Raid 10, 2 x LAN, 2 x HP Power Module 450W Platinum Hot Swap PSU & Hdd *** Item completely delivered ***</p>		1 EA	
			Total excluding VAT:			

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EDUCOM LTD
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Purchase order

P.O. No 4500831068
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Eirann

VAT Reg. No. IE4812851 O

Date : 09.11.2016

Delivery Terms				Payment Terms		Currency	
				Standard CIE terms		EUR	
Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value	
00010	148112	1 Each	HD CCTV Control Centre Viewing PC2 ED-I5T Project: 00102688 Rel. ord. against contract 4600002052 Item 00720 FUJITSU W530 COREI5-4590 3.30 GHZ 8GB 500 GB DVDRW W7P, Dual Video output. EDUCOM Supply of IP CCTV SET 5365 *** Item completely delivered ***		1 EA		
00020	148113	1 Each	HD CCTV Remote Viewing PC ED-I3DT Project: 00102688 Rel. ord. against contract 4600002052 Item 00730 Fujitsu P420 i3 3.4Ghz, 4Gb ram 500gb HDD, win 7p *** Item completely delivered ***		1 EA		
00030	148116	1 Each	HD CCTV 20"HD Monitor ED-20" Project: 00102688 Rel. ord. against contract 4600002052 Item 00760		1 EA		

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00040	1481172	Each	<p>Ilyama 23" 1920 x 1080 Professional Monitor *** Item completely delivered ***</p> <p>HD CCTV 24" HD Monitor ED-24"</p> <p>Project: 00102688 Rel. ord. against contract 4600002052 Item 00770</p> <p>Ilyama 24" 1920 x 1080 Professional Monitor *** Item completely delivered ***</p>		1 EA	
			Total excluding VAT:			

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Purchase order

P.O. No 4500832704

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01 7033714

 **Iarnród Éireann**

VAT Reg. No. IE4812851 O

Date : 17.11.2016

Delivery Terms			Payment Terms Standard CIE terms			Currency EUR	
Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value	
00010	148012	16 Each	HD Bullet Camera 2 MP 2.0W-H3A-B01-IR Project: 00102688 Rel. ord. against contract 4600002052 Item 00020 Avigilon HD 2mp WDR 3-9mm IR Bullet c/w Adaptive Video Analytics EDUCOM Supply of IP CCTV - SET 5365 Please deliver to: Iarnród Éireann Cie Works Inchicore		1 EA		
00020	148015	8 Each	*** Item completely delivered *** HD Dome 2 MP 3-9mm Lens 2.0-H3A-D01-IR Project: 00102688 Rel. ord. against contract 4600002052 Item 00050		1 EA		

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00030	148110	1 Each	<p>Avigilon HD 2mp WDR 3-9mm IR Dome c/w Adaptive Video Analytics</p> <p>Please deliver to: Iarnród Éireann Cie Works Inchicore</p> <p>*** Item completely delivered ***</p> <p>HD CCTV 10TB Recorder 10.0TB-HD-NVR2 Project: 00102688 Rel. ord. against contract 4600002052 Item 00700</p> <p>Fujitsu PRIMERGY RX300 2 U Rack Server - Xeon 8GB 12TB Raid 10, 2 x LAN, 2 x HP Power Module 450W Platinum Hot Swap PSU & Hdd</p> <p>Please deliver to: Iarnród Éireann Cie Works Inchicore</p>		1 EA	
00040	148039	4 Each	<p>*** Item completely delivered ***</p> <p>ED-OSC HD CCTV SITE COMMISSIONING</p> <p>Project: 00102688 Rel. ord. against contract 4600002052 Item 00920</p> <p>Please deliver to: Iarnród Éireann Cie Works Inchicore</p>		1 EA	

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00050	148107	1 Each	<p>*** Item completely delivered ***</p> <p>HD CCTV SOFTWARE LICENCE 16 Cameras 16C-ACC5-ENT Project: 00102688 Rel. ord. against contract 4600002052 Item 00670</p> <p>Avigilon ACC V5 Enterprise 16ch Licence Please deliver to: Iarnród Éireann Cie Works Inchicore</p>		1 EA	
00060	148014	8 Each	<p>*** Item completely delivered ***</p> <p>HD Bullet Camera Avigilon Junction H3-B0-JB Project: 00102688 Rel. ord. against contract 4600002052 Item 00040</p> <p>Avigilon Junction box for Bullet Camera Please deliver to: Infra Management Non Stock Purchasing</p>		1 EA	
00070	148013	1 Each	<p>*** Item completely delivered ***</p> <p>HD Bullet Camera Lamp Post Mount MNT-AD-POLE-B Project: 00102688 Rel. ord. against contract 4600002052 Item 00030</p> <p>Pole Mount Bracket Please deliver to: Infra Management Non Stock Purchasing</p>		1 EA	

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
			*** Item completely delivered ***			
			Total excluding VAT:			

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Please deliver with Advice Note to:
Infra Management Non Stock
Co Dublin

Invoice to be forwarded to:
Accounts Payable
Inchicore
Dublin 8
01 - 7033763

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1 of 1

Your vendor number with us
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GLASNEVIN
DUBLIN 11

Purchase order

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Contact group for this order:
CentralProcurement
Telephone:
01 7033714

 **Iarnród Éireann**

VAT Reg. No. IE4812851 O

Date : 21.11.2016

Delivery Terms			Payment Terms Standard CIE terms			Currency EUR	
Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value	
00010	148018	13 Each	HD Dome Junction box H3-D0-JB Project: 00102688 Rel. ord. against contract 4600002052 Item 00080 Junction box for Dome Camera EDUCOM Supply of IP CCTV - SET 5365 *** Item completely delivered ***		1 EA		
00020	148117	3 Each	HD CCTV 24" HD Monitor ED-24" Project: 00102688 Rel. ord. against contract 4600002052 Item 00770 Ilyama 24" 1920 x 1080 Professional Monitor *** Item completely delivered ***		1 EA		
			Total excluding VAT:				

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GLASNEVIN
DUBLIN 11

Please deliver with Advice Note to:
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SET HQ
Track & Signal Hq
Cie Works
Inchicore D08 K6Y3
Co Dublin 8

Purchase order

P.O. No 4500834702
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Inchicore
Dublin 8
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Contact group for this order:
CentralProcurement
Telephone:
01 7033714

 **Iarnród Éireann**

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VAT Reg. No. IE4812851 O

Date : 28.11.2016

Delivery Terms				Payment Terms		Currency	
				Standard CIE terms		EUR	
Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value	
00010	148088	23 Each	HD CCTV Composite to IP Encoder 4 Ch ENC-4P-H264 Project: 00102688 Rel. ord. against contract 4600002052 Item 00480 Avigilon H.264 4 Ch Analog Encoder c/w 4 audio I/O Jacks EDUCOM Supply of IP CCTV - SET 5365 *** Item completely delivered ***		1 EA		
00020	148090	9 Each	HDCCTV Composite-IP Encoder1U RackMount ENC-BRK1U Project: 00102688 Rel. ord. against contract 4600002052 Item 00500 Avigilon 1U Mounting Kit to hold 3 x encoders *** Item completely delivered ***		1 EA		
00030	148108	1 Each	HD CCTV SOFTWARE LICENCE 24 Cameras 24C-ACC5-ENT Project: 00102688 Rel. ord. against contract 4600002052 Item 00680 Avigilon ACC V5 Enterprise 24ch Licence		1 EA		

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
00040	1481102	Each	<p>*** Item completely delivered ***</p> <p>HD CCTV 10TB Recorder 10.0TB-HD-NVR2 Project: 00102688 Rel. ord. against contract 4600002052 Item 00700</p> <p>Fujitsu PRIMERGY RX300 2 U Rack Server - Xeon 8GB 12TB Raid 10, 2 x LAN, 2 x HP Power Module 450W Platinum Hot Swap PSU & Hdd</p>		1 EA	
00050	1481111	Each	<p>*** Item completely delivered ***</p> <p>HD CCTV Control Centre Viewing PC1 ED-WKST Project: 00102688 Rel. ord. against contract 4600002052 Item 00710</p> <p>Fujitsu CELSIUS W530 Workstation Xeon E3 (1241v3) 3.5GHz 16GB Ram, 1TB HDD, DVD (SM) LAN W7 Pro 64 2 x NVIDIA Quadro K620 2GB.</p>		1 EA	
00060	1480185	Each	<p>*** Item completely delivered ***</p> <p>HD Dome Junction box H3-D0-JB Project: 00102688 Rel. ord. against contract 4600002052 Item 00080</p> <p>Junction box for Dome Camera</p>		1 EA	
00070	1481184	Each	<p>*** Item completely delivered ***</p> <p>HD CCTV 30" HD Monitor ED-30" Project: 00102688 Rel. ord. against contract 4600002052 Item 00780</p> <p>Ilyama 30" 1920 x 1080 Professional Monitor</p> <p>*** Item completely delivered ***</p>		1 EA	
			Total excluding VAT:			

Please deliver with Advice Note to:
Iarnród Éireann
SET HQ
Track & Signal Hq
Cie Works
Inchicore D08 K6Y3
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Dublin 8
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GLASNEVIN
DUBLIN 11

Purchase order

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Telephone:
01 7033714



VAT Reg. No. IE4812851 O

Date : 23.02.2017

Delivery Terms			Payment Terms			Currency	
			Standard CIE terms			EUR	
Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value	
00010	148105	1 Each	HD CCTV SOFTWARE LICENCE 4 Cameras 4C-ACC5-ENT Project: 00100635 Rel. ord. against contract 4600002052 Item 00650 Avigilon ACC V5 Enterprise 4ch Licence EDUCOM Supply of IP CCTV - SET 5365 *** Item completely delivered ***		1 EA		
00020	148014	5 Each	HD Bullet Camera Avigilon Junction H3-B0-JB Project: 00100635 Rel. ord. against contract 4600002052 Item 00040 Avigilon Junction box for Bullet Camera *** Item completely delivered ***		1 EA		
00030	148088	2 Each	HD CCTV Composite to IP Encoder 4 Ch ENC-4P-H264 Project: 00100635 Rel. ord. against contract 4600002052 Item 00480 Avigilon H.264 4 Ch Analog Encoder c/w 4 audio I/O Jacks		1 EA		

Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value
			*** Item completely delivered ***			
			Total excluding VAT:			

Please deliver with Advice Note to:
Iarnród Éireann
SET HQ
Track & Signal Hq
Cie Works
Inchicore D08 K6Y3
Co Dublin 8

Invoice to be forwarded to:
Accounts Payable
Inchicore
Dublin 8
01 - 7033763

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1 of 1

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EDUCOM LTD
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GLASNEVIN
DUBLIN 11

Purchase order

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Telephone:
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VAT Reg. No. IE4812851 O

Date : 07.03.2017

Delivery Terms			Payment Terms Standard CIE terms			Currency EUR	
Item	Material No.	Quantity Unit	Description Your Material No.	Required Delivery Date	Unit Price Per	Net Value	
00010	148061	1 Each	HD Panoramic Pendant Mount MNT-PEND-WALL-PAN Project: 00100635 Rel. ord. against contract 4600002052 Item 00210 HD Panoramic Pendant Mount EDUCOM Supply of IP CCTV - SET 5365 *** Item completely delivered ***		1 EA		
			Total excluding VAT:				

Schedule 30

Doc. Date	Purch.Doc.	Item	Material	Short Text	Quantity	Net Value
13.10.2015	4500760348	10	148012	HD Bullet Camera 2 MP	4	
13.10.2015	4500760348	20	148013	HD Bullet Camera Lamp Post Mount	4	
13.10.2015	4500760348	30	148014	HD Bullet Camera Avigilon Junction	4	
13.10.2015	4500760348	40	148092	HD CCTV CAMERA Microphone	2	
13.10.2015	4500760348	50	148121	CCTV Speakers with Built in Amplifier	4	

13.10.2015	4500760353	10	148012	HD Bullet Camera 2 MP	4	
13.10.2015	4500760353	20	148013	HD Bullet Camera Lamp Post Mount	4	
13.10.2015	4500760353	30	148014	HD Bullet Camera Avigilon Junction	4	
13.10.2015	4500760353	40	148054	HD PTZ 2 MP	1	
13.10.2015	4500760353	50	148056	HD PTZ Camera Pole Mount adapter	1	
13.10.2015	4500760353	60	148092	HD CCTV CAMERA Microphone	1	
13.10.2015	4500760353	70	148121	CCTV Speakers with Built in Amplifier	3	
13.10.2015	4500760353	80	148122	CCTV Power Supply for Speaker	3	

13.10.2015	4500760355	10	148012	HD Bullet Camera 2 MP	5	
13.10.2015	4500760355	20	148015	HD Dome 2 MP 3-9mm Lens	8	
13.10.2015	4500760355	30	148108	HD CCTV SOFTWARE LICENCE 24 Cameras	1	
13.10.2015	4500760355	40	148110	HD CCTV 10TB Recorder	1	
13.10.2015	4500760355	50	148111	HD CCTV Control Centre Viewing PC1	1	
13.10.2015	4500760355	60	148113	HD CCTV Remote Viewing PC	2	
13.10.2015	4500760355	70	148117	HD CCTV 24" HD Monitor	4	

14.10.2015	4500760681	10	148012	HD Bullet Camera 2 MP	2	
14.10.2015	4500760681	20	148013	HD Bullet Camera Lamp Post Mount	2	
14.10.2015	4500760681	30	148014	HD Bullet Camera Avigilon Junction	2	
14.10.2015	4500760681	40	148015	HD Dome 2 MP 3-9mm Lens	21	
14.10.2015	4500760681	50	148016	HD Dome 2 MP 9-22mm Lens	2	
14.10.2015	4500760681	60	148017	HD Dome Pole Mount Bracket	1	
14.10.2015	4500760681	70	148062	HD Fixed Camera 2MP 3-9mm Lens	2	
14.10.2015	4500760681	80	148063	HD Fixed Camera 2MP 4.7-84.6mm Lens	10	
14.10.2015	4500760681	90	148064	HD Fixed Camera 5MP Lens 3-9mm	3	
14.10.2015	4500760681	100	148091	HD CCTV Joystick Keyboard	1	
14.10.2015	4500760681	110	148092	HD CCTV CAMERA Microphone	1	
14.10.2015	4500760681	120	148095	HDCCTV Ethernet-Coax Converter 4 Port	1	
14.10.2015	4500760681	130	148096	HDCCTV Module1 Port@camera (CoAx to Eth)	2	
14.10.2015	4500760681	140	148099	HD CCTV Ethernet-UTP Converter 16 Port	2	
14.10.2015	4500760681	150	148102	HD CCTV Ethernet-UTP Converter Mod1Port	23	
14.10.2015	4500760681	160	148103	HD CCTV IP66 rated enclosure	25	
14.10.2015	4500760681	170	148108	HD CCTV SOFTWARE LICENCE 24 Cameras	4	
14.10.2015	4500760681	180	148110	HD CCTV 10TB Recorder	4	
14.10.2015	4500760681	190	148112	HD CCTV Control Centre Viewing PC2	2	
14.10.2015	4500760681	200	148114	HD CCTV Engineering PC	2	
14.10.2015	4500760681	210	148115	HD CCTV Microphone for Operator PC	1	
14.10.2015	4500760681	220	148117	HD CCTV 24" HD Monitor	4	
14.10.2015	4500760681	230	148118	HD CCTV 30" HD Monitor	2	
14.10.2015	4500760681	240	148121	CCTV Speakers with Built in Amplifier	1	
14.10.2015	4500760681	250	148039	ED-OSC HD CCTV SITE COMMISSIONING	5	
14.10.2015	4500760681	260	148127	24V AC Standard Housing	15	
14.10.2015	4500760681	270	148241	VIDEOTEC POLE MOUNT	6	

23.10.2015	4500762547	10	148012	HD Bullet Camera 2 MP	6	
23.10.2015	4500762547	20	148013	HD Bullet Camera Lamp Post Mount	6	
23.10.2015	4500762547	30	148014	HD Bullet Camera Avigilon Junction	6	
23.10.2015	4500762547	40	148015	HD Dome 2 MP 3-9mm Lens	1	
23.10.2015	4500762547	50	148019	HD Dome Pendant mount bracket	1	
23.10.2015	4500762547	90	148088	HD CCTV Composite to IP Encoder 4 Ch	1	

23.10.2015	4500762547	100	148089	HD CCTV Composite to IP Encoder PSU	1
23.10.2015	4500762547	110	148090	HDCCTV Composite-IP Encoder1U RackMount	1
23.10.2015	4500762547	120	148039	ED-OSC HD CCTV SITE COMMISSIONING	3
23.10.2015	4500762547	130	148121	CCTV Speakers with Built in Amplifier	4
23.10.2015	4500762547	140	148092	HD CCTV CAMERA Microphone	3
23.10.2015	4500762547	150	148389	Avigilon 12M Dual LaneHD LPR Camera	1
23.10.2015	4500762547	160	148400	Avigilon 15M Single Lane HD LPR Camera	3
23.10.2015	4500762547	170	148400	Avigilon 15M Single Lane HD LPR Camera	2
23.10.2015	4500762549	10	148014	HD Bullet Camera Avigilon Junction	5
23.10.2015	4500762549	20	148019	HD Dome Pendant mount bracket	1
23.10.2015	4500762549	30	148055	HD PTZ Camera Compact Wall Bracket	1
07.12.2015	4500770562	10	148013	HD Bullet Camera Lamp Post Mount	6
07.12.2015	4500770623	10	148101	HD CCTV Ethernet-UTP Converter 4 Port	2
07.12.2015	4500770623	20	148102	HD CCTV Ethernet-UTP Converter Mod1Port	8
07.12.2015	4500770623	30	148103	HD CCTV IP66 rated enclosure	8
11.12.2015	4500771657	10	148015	HD Dome 2 MP 3-9mm Lens	2
11.12.2015	4500771657	20	148019	HD Dome Pendant mount bracket	2
11.12.2015	4500771657	30	148092	HD CCTV CAMERA Microphone	1
11.12.2015	4500771657	40	148102	HD CCTV Ethernet-UTP Converter Mod1Port	4
11.12.2015	4500771657	50	148103	HD CCTV IP66 rated enclosure	2
15.12.2015	4500772224	10	148018	HD Dome Junction box	2
15.12.2015	4500772224	20	148039	ED-OSC HD CCTV SITE COMMISSIONING	1
15.01.2016	4500776083	10	148013	HD Bullet Camera Lamp Post Mount	1
15.01.2016	4500776083	20	148097	HD CCTV IP66 rated enclosure	1
15.01.2016	4500776083	30	148039	ED-OSC HD CCTV SITE COMMISSIONING	4
15.02.2016	4500781920	10	148036	ED-TFM HD CCTV TRAINING FRONTLINE MTCE	1
15.02.2016	4500781920	20	148037	ED-THLM HD CCTV TRAINING HIGHER LVL MTCE	1
25.02.2016	4500783988	10	148039	ED-OSC HD CCTV SITE COMMISSIONING	6
28.04.2016	4500796098	10	148012	HD Bullet Camera 2 MP	2
28.04.2016	4500796098	20	148015	HD Dome 2 MP 3-9mm Lens	27
28.04.2016	4500796098	30	148018	HD Dome Junction box	2
28.04.2016	4500796098	40	148088	HD CCTV Composite to IP Encoder 4 Ch	3
28.04.2016	4500796098	50	148089	HD CCTV Composite to IP Encoder PSU	3
28.04.2016	4500796098	60	148090	HDCCTV Composite-IP Encoder1U RackMount	1
28.04.2016	4500796098	70	148092	HD CCTV CAMERA Microphone	4
28.04.2016	4500796098	80	148107	HD CCTV SOFTWARE LICENCE 16 Cameras	1
28.04.2016	4500796098	90	148108	HD CCTV SOFTWARE LICENCE 24 Cameras	1
28.04.2016	4500796098	100	148110	HD CCTV 10TB Recorder	2
28.04.2016	4500796098	110	148113	HD CCTV Remote Viewing PC	1
28.04.2016	4500796098	120	148116	HD CCTV 20"HD Monitor	1
28.04.2016	4500796098	130	148121	CCTV Speakers with Built in Amplifier	4
28.04.2016	4500796098	140	148039	ED-OSC HD CCTV SITE COMMISSIONING	5
12.07.2016	4500809303	10	148015	HD Dome 2 MP 3-9mm Lens	1
14.07.2016	4500810133	10	148039	ED-OSC HD CCTV SITE COMMISSIONING	4
14.07.2016	4500810133	20	148039	ED-OSC HD CCTV SITE COMMISSIONING	1
12.08.2016	4500814907	10	148015	HD Dome 2 MP 3-9mm Lens	2
12.08.2016	4500814907	20	148092	HD CCTV CAMERA Microphone	2

12.08.2016	4500814907	30	148115	HD CCTV Microphone for Operator PC	4
12.08.2016	4500814907	40	148116	HD CCTV 20" HD Monitor	2
12.08.2016	4500814907	50	148121	CCTV Speakers with Built in Amplifier	4
12.08.2016	4500814907	60	148039	ED-OSC HD CCTV SITE COMMISSIONING	3

15.08.2016	4500815101	10	148011	HD Bullet Camera 1 MP	3
15.08.2016	4500815101	20	148014	HD Bullet Camera Avigilon Junction	3
15.08.2016	4500815101	30	148015	HD Dome 2 MP 3-9mm Lens	16
15.08.2016	4500815101	40	148059	HD Panoramic 360 Deg 12MP	8
15.08.2016	4500815101	50	148062	HD Fixed Camera 2MP 3-9mm Lens	2
15.08.2016	4500815101	60	148088	HD CCTV Composite to IP Encoder 4 Ch	5
15.08.2016	4500815101	70	148089	HD CCTV Composite to IP Encoder PSU	5
15.08.2016	4500815101	80	148090	HDCCTV Composite-IP Encoder1U RackMount	2
15.08.2016	4500815101	90	148105	HD CCTV SOFTWARE LICENCE 4 Cameras	1
15.08.2016	4500815101	100	148106	HD CCTV SOFTWARE LICENCE 8 Cameras	1
15.08.2016	4500815101	110	148108	HD CCTV SOFTWARE LICENCE 24 Cameras	1
15.08.2016	4500815101	120	148110	HD CCTV 10TB Recorder	2
15.08.2016	4500815101	130	148113	HD CCTV Remote Viewing PC	1
15.08.2016	4500815101	140	148116	HD CCTV 20" HD Monitor	1
15.08.2016	4500815101	150	148128	PoE AC Standard Housing	2
15.08.2016	4500815101	160	148039	ED-OSC HD CCTV SITE COMMISSIONING	3
15.08.2016	4500815101	170	148012	HD Bullet Camera 2 MP	22
15.08.2016	4500815101	180	148013	HD Bullet Camera Lamp Post Mount	5
15.08.2016	4500815101	190	148014	HD Bullet Camera Avigilon Junction	16
15.08.2016	4500815101	200	148058	HD Panoramic 360 Deg 9MP	1
15.08.2016	4500815101	210	148088	HD CCTV Composite to IP Encoder 4 Ch	3
15.08.2016	4500815101	220	148089	HD CCTV Composite to IP Encoder PSU	3
15.08.2016	4500815101	230	148090	HDCCTV Composite-IP Encoder1U RackMount	1
15.08.2016	4500815101	240	148108	HD CCTV SOFTWARE LICENCE 24 Cameras	2
15.08.2016	4500815101	250	148110	HD CCTV 10TB Recorder	2
15.08.2016	4500815101	260	148112	HD CCTV Control Centre Viewing PC2	1
15.08.2016	4500815101	270	148117	HD CCTV 24" HD Monitor	2
15.08.2016	4500815101	280	148039	ED-OSC HD CCTV SITE COMMISSIONING	4

18.08.2016	4500815830	10	148016	HD Dome 2 MP 9-22mm Lens	16
18.08.2016	4500815830	20	148088	HD CCTV Composite to IP Encoder 4 Ch	1
18.08.2016	4500815830	30	148089	HD CCTV Composite to IP Encoder PSU	1

26.08.2016	4500817297	10	148111	HD CCTV Control Centre Viewing PC1	2
26.08.2016	4500817297	20	148117	HD CCTV 24" HD Monitor	16
26.08.2016	4500817297	30	148111	HD CCTV Control Centre Viewing PC1	2
26.08.2016	4500817297	40	148115	HD CCTV Microphone for Operator PC	2
26.08.2016	4500817297	50	148014	HD Bullet Camera Avigilon Junction	1

01.11.2016	4500829362	10	148012	HD Bullet Camera 2 MP	2
01.11.2016	4500829362	20	148013	HD Bullet Camera Lamp Post Mount	2
01.11.2016	4500829362	30	148014	HD Bullet Camera Avigilon Junction	2
01.11.2016	4500829362	40	148092	HD CCTV CAMERA Microphone	1
01.11.2016	4500829362	50	148105	HD CCTV SOFTWARE LICENCE 4 Cameras	1
01.11.2016	4500829362	60	148121	CCTV Speakers with Built in Amplifier	2
01.11.2016	4500829362	70	148122	CCTV Power Supply for Speaker	2

01.11.2016	4500829364	10	148012	HD Bullet Camera 2 MP	4
01.11.2016	4500829364	20	148014	HD Bullet Camera Avigilon Junction	4
01.11.2016	4500829364	30	148105	HD CCTV SOFTWARE LICENCE 4 Cameras	1
01.11.2016	4500829364	40	148039	ED-OSC HD CCTV SITE COMMISSIONING	1

07.11.2016	4500830374	10	148012	HD Bullet Camera 2 MP	15
07.11.2016	4500830374	20	148013	HD Bullet Camera Lamp Post Mount	8

07.11.2016	4500830374	30	148014	HD Bullet Camera Avigilon Junction	15	
07.11.2016	4500830374	40	148107	HD CCTV SOFTWARE LICENCE 16 Cameras	1	
07.11.2016	4500830374	50	148110	HD CCTV 10TB Recorder	1	
09.11.2016	4500831068	10	148112	HD CCTV Control Centre Viewing PC2	1	
09.11.2016	4500831068	20	148113	HD CCTV Remote Viewing PC	1	
09.11.2016	4500831068	30	148116	HD CCTV 20" HD Monitor	1	
09.11.2016	4500831068	40	148117	HD CCTV 24" HD Monitor	2	
17.11.2016	4500832704	10	148012	HD Bullet Camera 2 MP	16	
17.11.2016	4500832704	20	148015	HD Dome 2 MP 3-9mm Lens	8	
17.11.2016	4500832704	30	148110	HD CCTV 10TB Recorder	1	
17.11.2016	4500832704	40	148039	ED-OSC HD CCTV SITE COMMISSIONING	4	
17.11.2016	4500832704	50	148107	HD CCTV SOFTWARE LICENCE 16 Cameras	1	
17.11.2016	4500832704	60	148014	HD Bullet Camera Avigilon Junction	8	
17.11.2016	4500832704	70	148013	HD Bullet Camera Lamp Post Mount	1	
21.11.2016	4500833273	10	148018	HD Dome Junction box	13	
21.11.2016	4500833273	20	148117	HD CCTV 24" HD Monitor	3	
28.11.2016	4500834702	10	148088	HD CCTV Composite to IP Encoder 4 Ch	23	
28.11.2016	4500834702	20	148090	HDCCTV Composite-IP Encoder1U RackMount	9	
28.11.2016	4500834702	30	148108	HD CCTV SOFTWARE LICENCE 24 Cameras	1	
28.11.2016	4500834702	40	148110	HD CCTV 10TB Recorder	2	
28.11.2016	4500834702	50	148111	HD CCTV Control Centre Viewing PC1	1	
28.11.2016	4500834702	60	148018	HD Dome Junction box	5	
28.11.2016	4500834702	70	148118	HD CCTV 30" HD Monitor	4	
23.02.2017	4500849928	10	148105	HD CCTV SOFTWARE LICENCE 4 Cameras	1	
23.02.2017	4500849928	20	148014	HD Bullet Camera Avigilon Junction	5	
23.02.2017	4500849928	30	148088	HD CCTV Composite to IP Encoder 4 Ch	2	
07.03.2017	4500852355	10	148061	HD Panoramic Pendant Mount	1	

720 €407,768.50

Procurement, Inchicore Works, Dublin 8
An Roinn Soláthar, Inse Chór, Baile Átha Cliath 8
T 01 7031727 E sinead.leonard@irishrail.ie W www.irishrail.ie

Educom Ltd
60 Nore Road
Glasnevin
Dublin 11

Attn. Daire Lowe

23rd July 2015

Our Ref: 5365

Subject to Contract/Contract Denied

Re: Supply, Installation, Commissioning and Technical Support of Internet Protocol (IP) Video Surveillance Systems (VSS) Closed Circuit Television (CCTV) High Definition (HD) Cameras, Associated Hardware & Software and Access Control System

Dear Sirs,

I refer to your tender dated 5th May 2015 for the above referenced services contract and the subsequent post tender clarifications regarding same.

The evaluation process is now complete and I am pleased to inform you that Educom Ltd. is the preferred bidder in accordance with the following documents:

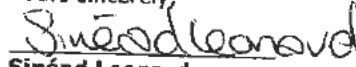
- Your tender dated 5th May 2015
- IP HD CCTV CAMERAS Technical Specification 14.04.2015
- IE's Standard Conditions of Tendering for Design, Supply, Installation and Commissioning of Goods or Equipment and Related Services and IE's Standard Terms and Conditions for Design, Supply, Installation and Commissioning of Goods or Equipment and Related Services.
- Post Tender Clarifications dated 19th May, 5th, 9th, 23rd & 24th June and 14th July 2015

This award letter is conditional on the following:

- Evidence and approval of the minimum required insurances as set out in Schedule Five. The insurance policies must be approved by CIE Group Secretary prior to contract award. Please note that I have sent on the information included in your tender submission for review.
- Satisfactory completion of a formal contract between your company and Iarnród Éireann. Enclosed are 2 copies of Iarnród Éireann's Standard Contract for Design, Supply, Installation and Commissioning of Goods or Equipment and Related Services, which will govern these works. Both copies of this contract should be signed, witnessed and sealed by two company directors authorised to do so on behalf Educom Ltd. and returned to this office. IE shall then arrange for the same to be executed by IE and one counterpart of the Contract to be returned to you.

Once the contract has been executed, Purchase Orders will be issued to Educom Ltd. for each requirement. The relevant Purchase Order number must be quoted on each invoice and any other correspondence issued in connection with these services.

Yours sincerely,


Sinéad Leonard
Procurement
Iarnród Éireann



Iarnród Éireann
Irish Rail

Procurement, Inchicore Works, Dublin 8
An Roinn Soláthar, Inse Chór, Baile Átha Cliath 8
T 01 7031727 E sinead.leonard@irishrail.ie W www.irishrail.ie

Educom Ltd
60 Nore Road
Glasnevin
Dublin 11

Attn. Paul Lowe

20th August 2015

Our Ref: 5365

Re: Supply, Installation, Commissioning and Technical Support of Internet Protocol (IP) Video Surveillance Systems (VSS) Closed Circuit Television (CCTV) High Definition (HD) Cameras, Associated Hardware & Software and Access Control System

Dear Paul,

Please find enclosed one fully executed contract for your records.

Yours sincerely,

Sinéad Leonard
Procurement
Iarnród Éireann