

Series 100 - Preliminaries

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Summary	
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TOTAL CARRIED FORWARD TO GENERAL SUMMARY	

TII492 ITS Equipment Supply & Installation Framework

Bill Part 2 - Traffic Signs and Motorway Communications

Series 1500 - Motorway Communications

ItemID	Item Description	Unit	Quantity	Rate	Amount €
	Supply of Automatic Number Plate Recognition Cameras (ANPR)				
2.1.1	Supply of Automatic Number Plate Recognition Cameras, as per Volume A: Part 3 - Technical Specification - Section 1 - ANPR and in accordance with the Works Requirements	no.	10		
	Supply and Installation of Automatic Number Plate Recognition Cameras (ANPR)				
2.1.2	Supply and Installation of Automatic Number Plate Recognition Cameras, as per Volume A: Part 3 - Technical Specification - Section 1 - ANPR and in accordance with the Works Requirements. Cabling of up to 30 metres between the roadside equipment cabinet or local power isolation mini-pillar and each device, including the required power and communications connections. The rate does not include the upstream power distribution from the Electricity Supply Company Interface cabinet, or the supply and installation of local power isolation mini-pillars or verge electrical cabinets.	no.	10		
	Supply of Closed Circuit Television (CCTV) Cameras				
2.1.3	Supply of CCTV Camera, as per Volume A: Part 3 - Technical Specification - Section 2 - CCTV and in accordance with the Works Requirements	no.	10		
	Supply and Installation of Closed Circuit Television (CCTV) Cameras				
2.1.4	Supply and Installation of CCTV Camera, as per Volume A: Part 3 - Technical Specification - Section 2 - CCTV and in accordance with the Works Requirements	no.	10		
	Communications Cabling and Trench for Communications Cable				
2.1.5	Supply of communications cable, 8 core, fibre optic cable, in duct, in carriageways, footways and paved areas, as per Volume A: Part 3: Technical Specification, Section 4: Telecommunications	m	100		
2.1.6	Supply of communications cable, 12 core, fibre optic cable, in duct, in carriageways, footways and paved areas, as per Volume A: Part 3: Technical Specification, Section 4: Telecommunications	m	100		

2.1.7	Supply of communications cable, 48 core, fibre optic cable, in duct, in carriageways, footways and paved areas, as per Volume A: Part 3: Technical Specification, Section 4: Telecommunications	m	100		
2.1.8	Supply of communications cable, 96 core, fibre optic cable, in duct, in carriageways, footways and paved areas, as per Volume A: Part 3: Technical Specification, Section 4: Telecommunications	m	100		
2.1.9	Installation of communications cable, 8 core, fibre optic cable, in duct, in carriageways, footways and paved areas, as per Volume A: Part 3: Technical Specification, Section 4: Telecommunications	m	100		
2.1.10	Installation of communications cable, 12 core, fibre optic cable, in duct, in carriageways, footways and paved areas, as per Volume A: Part 3: Technical Specification, Section 4: Telecommunications	m	100		
2.1.11	Installation of communications cable, 48 core, fibre optic cable, in duct, in carriageways, footways and paved areas, as per Volume A: Part 3: Technical Specification, Section 4: Telecommunications	m	100		
2.1.12	Installation of communications cable, 96 core, fibre optic cable, in duct, in carriageways, footways and paved areas, as per Volume A: Part 3: Technical Specification, Section 4: Telecommunications	m	100		
	Communications Cable Joints and Communications Cable Terminations				
2.1.13	Communications cable terminations, 8 core optical fibre cable, as per Volume A: Part 3: Technical Specification, Section 4: Telecommunications	no.	10		
2.1.14	Communications cable terminations, 12 core optical fibre cable, as per Volume A: Part 3: Technical Specification, Section 4: Telecommunications	no.	10		
2.1.15	Communications cable terminations, 48 core optical fibre cable, as per Volume A: Part 3: Technical Specification, Section 4: Telecommunications	no.	10		
2.1.16	Communications cable terminations, 96 core optical fibre cable, as per Volume A: Part 3: Technical Specification, Section 4: Telecommunications	no.	10		
	Communications Cable Splicing, Testing and Joint Enclosures				
2.1.17	Fibre optic cable fusion splicing, including splice preparation, protective sleeves, installation in splice trays, recording and compliance with the splice-loss requirements of Volume A, Part 3, Section 4: Telecommunications	no.	10		

2.1.18	Optical fibre testing and certification, including testing from both ends, test records and certification in accordance with Volume A, Part 3, Section 4 and Volume A, Part 4. (no. of links or cores)	no.	10		
2.1.19	Supply of fibre optic splice enclosure/cable joint enclosure in accordance with Volume A, Part 3, Section 4: Telecommunications.	no.	10		
2.1.20	Supply and installation of fibre optic splice enclosure/cable joint enclosure in accordance with Volume A, Part 3, Section 4: Telecommunications.	no.	10		
	Core Network Equipment				
2.1.21	Supply of core switch or core access server, where required by the Works Requirements	no.	10		
2.1.22	Supply and installation of core switch or core access server, where required by the Works Requirements	no.	10		
	Network Configuration and Commissioning				
2.1.23	Network configuration, integration, commissioning and end-to-end testing in accordance with Volume A, Part 3, Section 4 and Volume A, Part 4	item	10		
	Communications Equipment				
2.1.24	Not used				
2.1.25	48 core OF Splice Panels, as per DN-ITS-03029 and CC-SPW-01500	no.	10		
2.1.26	Optical Distribution Frame, as per DN-ITS-03029 and CC-SPW-01500	no.	10		
2.1.27	Optical Fibre Connectors, as per DN-ITS-03029 and CC-SPW-01500	no.	10		
2.1.28	Optical Fibre Adapters, as per DN-ITS-03029 and CC-SPW-01500	no.	10		
	Supply of Access Fibre Switch				
2.1.29	Supply of Access Fibre Switch, Industrial/Rugged PoE/PoE+ 4 ports + SFP x 2, as per DN-ITS-03029 and CC-SPW-01500	no.	10		
2.1.30	Supply of Access Fibre Switch, Industrial/Rugged PoE/PoE+ 8 ports + SFP x 2, as per DN-ITS-03029 and CC-SPW-01500	no.	10		
	Supply and Installation of Access Fibre Switch				
2.1.31	Supply and Installation of Access Fibre Switch, Industrial/Rugged PoE/PoE+ 4 ports + SFP x 2, as per DN-ITS-03029 and CC-SPW-01500	no.	10		
2.1.32	Supply and Installation of Access Fibre Switch, Industrial/Rugged PoE/PoE+ 8 ports + SFP x 2, as per DN-ITS-03029 and CC-SPW-01500	no.	10		
	Supply of Distribution Fibre Switch				
2.1.33	Supply of Distribution Fibre Switch, as per DN-ITS-03029 and CC-SPW-01500	no.	10		

	Supply and Installation of Distribution Fibre Switch				
2.1.34	Supply and Installation of Distribution Fibre Switch, as per DN-ITS-03029 and CC-SPW-01500	no.	10		
	Supply of Fibre Media Converter				
2.1.35	Supply of Fibre Media Converter, as per DN-ITS-03029 and CC-SPW-01500	no.	10		
	Supply and Installation of Fibre Media Converter				
2.1.36	Supply and Installation of Fibre Media Converter, as per Volume A: Part 3 - Technical Specification, DN-ITS-03029 and CC-SPW-01500	no.	10		

Summary	
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TOTAL CARRIED FORWARD TO GENERAL SUMMARY	

General Summary

Total: Bill Part 1 - Preliminaries

Total: Bill Part 2 - Traffic Signs and Motorway Communications

Total of Tender

Adjustment Item (not exceeding 5% of Total of Tender excluding VAT).

The Adjustment Item shall be entered as '0.00' unless a positive adjustment is required to reconcile the total of the priced items with the tendered Price. A negative value shall not be entered. The Authority may adjust this item in accordance with Clause 8.1 of the Instructions to Tenderers, without affecting the tendered Price.

Tender Total (excluding VAT)