

CERTIFICATE OF VESTING OF MATERIALS

This Certificate is for the benefit of City of Edinburgh Council, constituted in terms of the Local Government etc. (Scotland) Act 1994 and having its principal offices at City Chambers, High Street, Edinburgh, Midlothian, EH1 1YJ ("**CEC**") and relates to the vesting of the Materials and Parts described in Schedule 1 hereto attached.

We Siemens plc of Faraday House, Sir William Siemens Square, Frimley, Camberley, GU16 8QD, England, in consideration of **tie**'s payment to Siemens under the Infraco Contract between **tie**, Bilfinger Berger Civil UK Limited, Siemens plc and Construcciones Y Auxiliar de Ferrocarriles S.A. of the sum of FOURTEEN MILLION, FIVE HUNDRED AND NINETY FIVE THOUSAND AND NINE HUNDRED AND EIGHTY EIGHT POUNDS (£14,595,988) (exclusive of VAT) on or before 22 April 2011 in respect of the Materials and Parts, hereby warrant and undertake to CEC that:-

- 1** the Materials and Parts listed in Schedule 1 are supplied pursuant to Clause 6.1 of the agreed draft Minute of Variation. The Materials and Parts listed in Schedule 2, save for those Materials and Parts listed in Schedule 1, shall be subject to vesting under separate vesting certificates which shall be conditional upon payment pursuant to Clauses 8.1, 8.2 and 8.3 of the agreed draft Minute of Variation;
- 2** nothing remains to be done to the Materials or Parts to complete the same up to the point of their incorporation in (i) the Prioritised Works pursuant to the agreed draft Minute of Variation, and (ii) the On-Street and/or the Off-Street Works (as defined in the agreed draft Minute of Variation);
- 3** the Materials and Parts have been set apart from any third party property and stored at the Siemens warehouse situate at Broxburn (the "Premises") and have been clearly and visibly marked, so far as practicable, in order to identify such Materials and Parts as belonging to CEC ;
- 4** property in the Materials and Parts (including but not limited to supplies received by us from a third party for incorporation in the Materials and Parts) is vested absolutely in us and the Materials and Parts are free from all Security Interests, encumbrances, charges or third party rights of any kind and we are able to pass title to CEC in the Materials and Parts;
- 5** the Materials and Parts are in every respect in accordance with the requirements of the Infraco Contract;
- 6** the Materials and Parts shall at all times after the date of this Certificate be insured by **tie** by way of the OCIP Insurances taken out and maintained in full force and effect by **tie** for the required term;
- 7** the Materials and Parts can be inspected at the Premises at any time upon reasonable notice by **tie**, CEC or by their duly authorised agents; and

EDINBURGH TRAM NETWORK-INFRAACO CONTRACT

8 we shall not, except for use on the Infraco Works, remove or cause or permit the Materials or Parts to be moved or removed from the Premises.

We declare that property in the Materials and Parts shall unconditionally vest in CEC in accordance with the provisions of the agreed draft Minute of Variation upon receipt of the payment referred to above.

We acknowledge our obligations pursuant to Clause 102.2.1 of the Infraco Contract insofar as they relate to the Materials and Parts.

Nothing contained in this Certificate or the Infraco Contract or any payment that may be made to us in respect of the Materials or Parts shall be taken as any approval by **tie**, CEC or by their duly authorised agents that the Materials or Parts are in accordance with the Infraco Contract.

We Siemens plc of Faraday House, Sir William Siemens Square, Frimley, Camberley, GU16 8QD, England engaged under the Infraco Contract by tie Limited for and on behalf as an operating company of City of Edinburgh Council in consideration of the payment to us of FOURTEEN MILLION, FIVE HUNDRED AND NINETY FIVE THOUSAND AND NINE HUNDRED AND EIGHTY EIGHT POUNDS (£14,595,988) by tie warrant that the statements made in provisions 1 to 8 above are true and correct and that all the actions referred to have been taken.

Executed for and on behalf of Siemens PLC

Authorised Signatory

Full Name

Dated

Alfred Brandenburger

15.04.2011

SCHEDULE 1

SCHEDULE OF MATERIALS AND PARTS TO VEST ON 22 APRIL 2011

The Material and Parts are detailed herein in sheet reference '100415_Inventory List_Vesting(AEI).xls'.

Schedule 1
Schedule of Materials and Parts

Siemens Material Location - Inventory

Rev: 15-Apr-2011

Exchange rate

0.8175

Subgroup	Material	Supplier	Current Storage Location	Qty	Unit	Customer Value (EUR)	Customer Value (GBP)	General Remark
DWE	Lifting plant	Siemens AG	Broxburn, UK	1	unit			vested to CEC 22-Apr-2011
DWE	Underfloor wheel lathe	Siemens plc (Heinscheidt)	Broxburn, UK	1	unit			vested to CEC 22-Apr-2011
DWE	Washing Plant	Smith Bros & Webb Ltd.	Edinburgh, UK	1	unit			vested to CEC 22-Apr-2011
REL	Combined Poles (ttl 372 pcs)	Pfeiffer / Siemens plc	Broxburn, UK	41	pcs			vested to CEC 22-Apr-2011
REL	Contact Wire (150mm ² - 49.483m)	Siemens AG	Broxburn, UK	18,428	m			vested to CEC 22-Apr-2011
REL	Control Cable (7x2,5mm ² - 52.000m)	Siemens plc	Broxburn, UK	52,500	m			vested to CEC 22-Apr-2011
REL	Messenger Wire (25.554 m)	Siemens AG	Broxburn, UK	14,361	m			vested to CEC 22-Apr-2011
REL	MV Sw. Incoming + transformer feeding panel	Siemens AG	Broxburn, UK	9	pcs			vested to CEC 22-Apr-2011
REL	OCL Material (General)	Siemens AG	Broxburn, UK	84,076	kg			vested to CEC 22-Apr-2011
REL	OCL Material Alu Tubes L=8.0m	Siemens plc	Broxburn, UK	9,376	m			vested to CEC 22-Apr-2011
REL	OCL Material Constructions (steel components)	Siemens AG	Broxburn, UK	4,399	pcs			vested to CEC 22-Apr-2011
REL	OCL Material Isolators SEFAG	Siemens plc	Broxburn, UK	447	pcs			vested to CEC 22-Apr-2011
REL	Power cable DC (220mm ² - 3.000m+20.600m)	Siemens AG	Broxburn, UK	31,835	m			vested to CEC 22-Apr-2011
REL	Power cable DC (400mm ² - 2.500m)	Siemens plc	Broxburn, UK	2,535	m			vested to CEC 22-Apr-2011
REL	Rectifier Transformer	Siemens AG	Broxburn, UK	9	pcs			vested to CEC 22-Apr-2011
REL	Stepped Poles / 451 pcs.	EuroPoles / Siemens plc	Broxburn, UK	25	pcs			vested to CEC 22-Apr-2011
REL	TSS DC Coupling panel (bypass)	Siemens AG	Broxburn, UK	8	pcs			vested to CEC 22-Apr-2011
REL	TSS DC Disconnecter panel	Siemens AG	Broxburn, UK	8	pcs			vested to CEC 22-Apr-2011
REL	TSS DC REC Incoming & return cubicle	Siemens AG	Broxburn, UK	9	pcs			vested to CEC 22-Apr-2011
REL	TSS DC Rectifier	Siemens AG	Broxburn, UK	9	pcs			vested to CEC 22-Apr-2011
REL	TSS DC SCD	Siemens AG	Broxburn, UK	8	pcs			vested to CEC 22-Apr-2011
REL	TSS DC Track feeder panel cubicle (+depot)	Siemens AG	Broxburn, UK	19	pcs			vested to CEC 22-Apr-2011
SIG	IMU boxes	Siemens plc	Broxburn, UK	220	pcs			vested to CEC 22-Apr-2011
SIG	IMU100 Antennas / Loops	Siemens plc	Broxburn, UK	230	pcs			vested to CEC 22-Apr-2011
SIG	Interlocking Airport, New Haven, Ocean Terminal	Siemens AG	Broxburn, UK	3	pcs			vested to CEC 22-Apr-2011
SIG	Interlocking S7 Depot East, Depot West	Siemens AG	Broxburn, UK	2	pcs			vested to CEC 22-Apr-2011

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110415_Inventory-List_Vesting(AE).xls
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Schedule 1
Schedule of Materials and Parts

Subgroup	Material	Supplier	Current Storage Location	Qty	Unit	Customer Value (EUR)	Customer Value (GBP)	General Remark
SIG	Interlocking S7 Hardware	Siemens AG	Broxburn, UK	1	pcs			vested to CEC 22-Apr-2011
SIG	Point blocking circuits (PBC)	Siemens AG	Broxburn, UK	50	pcs			vested to CEC 22-Apr-2011
SIG/COM	Antenna	Siemens plc	Broxburn, UK	1	pcs			vested to CEC 22-Apr-2011
SIG/COM	Battery Circuit Breakers	Siemens plc	Broxburn, UK	7	pcs			vested to CEC 22-Apr-2011
SIG/COM	Coaxial cable	Siemens plc	Broxburn, UK	1	lot			vested to CEC 22-Apr-2011
SIG/COM	Depot PABX (telephones only)	Siemens plc	Broxburn, UK	1	lot			vested to CEC 22-Apr-2011
SIG/COM	Fibre Optic Cable	Siemens plc	Broxburn, UK	1	lot			vested to CEC 22-Apr-2011
SIG/COM	Multicore signalling cable	Siemens plc	Broxburn, UK	1	lot			vested to CEC 22-Apr-2011
SIG/COM	OLE isolation cabinets	Siemens plc	Broxburn, UK	7	pcs			vested to CEC 22-Apr-2011
SIG/COM	Point Heaters	Siemens plc	Broxburn, UK	10	pcs			vested to CEC 22-Apr-2011
SIG/COM	Point Machines	Siemens plc	Broxburn, UK	10	pcs			vested to CEC 22-Apr-2011
SIG/COM	Radio base station equipment racks	Siemens plc	Broxburn, UK	3	pcs			vested to CEC 22-Apr-2011
SIG/COM	Radio base station UPS racks (3 off)	Siemens plc	Broxburn, UK	3	pcs			vested to CEC 22-Apr-2011
SIG/COM	Radio system - Hand Helds plus chargers (plus vehi	Tait Europe Ltd	Broxburn, UK	1	lot			vested to CEC 22-Apr-2011
SIG/COM	Substation chargers (8 pcs)	Siemens plc (7 off Broxburn, 1 off Gogar Depot Substation)	Broxburn, UK	7	pcs			vested to CEC 22-Apr-2011
SIG/COM	Substation comms racks (8 pcs)	Ashby & 1 off Gogar Depot Substation)	Broxburn, UK	7	pcs			vested to CEC 22-Apr-2011
SIG/COM	Tramstop equipment cabinet (23 off)	Siemens plc (4 off Broxburn, 19 off Ashby)	Broxburn, UK	4	pcs			vested to CEC 22-Apr-2011
SIG/COM	Tramstop local power cable	Siemens plc	Broxburn, UK	1	lot			vested to CEC 22-Apr-2011
SIG/SCA	Passenger information displays (PIDs) (47 pcs)	Siemens plc	Broxburn, UK	42	pcs			vested to CEC 22-Apr-2011

Materials	£14,595,988	vested to CEC 22-Apr-2011
other	£5,407,212	unrecovered installation, pre-commissioning, subcontractor site costs, own site costs (supervision, HSE, security, site infrastructure)
Total	£20,003,200	

SCHEDULE 2
SCHEDULE OF ALL MATERIALS AND PARTS

Schedule 2
Schedule of Materials and Parts

Siemens Material Location - Inventory

Rev: 15-Apr-2011

Exchange rate

0.8175

Subgroup	Material	Supplier	Current Storage Location	Qty	Unit	Customer Value (EUR)	Customer Value (GBP)	General Remark
DWE	Access locks	Castell Safety	Broxburn, UK	1	set			
DWE	Battery Charging Equipment	HAHN+KOLB Werkzeuge GmbH	Siemens store Berlin	1	set			consists of 2 pieces
DWE	Benches and Equipment	HAHN+KOLB Werkzeuge GmbH	Siemens store Berlin	15	sets			set consists of bench, vice, tool chart
DWE	Cleanin Machines	HAHN+KOLB Werkzeuge GmbH	Siemens store Berlin	2	unit			different units
DWE	Compressor station	Kaeser	Broxburn, UK	1	set			
DWE	Earthing equipment for catenary	Siemens	Siemens store Berlin	1	set			
DWE	Electric Double Grinder	HAHN+KOLB Werkzeuge GmbH	Siemens store Berlin	1	unit			
DWE	Electrical Hand Tools	HAHN+KOLB Werkzeuge GmbH	Siemens store Berlin	1	set			consists of 13 pieces and accessories
DWE	Electrical measuring devices	HAHN+KOLB Werkzeuge GmbH	Siemens store Berlin	1	set			consists of 16 pieces
DWE	Folding machine	HAHN+KOLB Werkzeuge GmbH	Siemens store Berlin	1	unit			
DWE	Hydraulic an jacks	Abril rail	Broxburn, UK	4	unit			
DWE	Hydraulic Workshop Press	HAHN+KOLB Werkzeuge GmbH	Siemens store Berlin	1	unit			
DWE	Ladders and Scaffolds	HAHN+KOLB Werkzeuge GmbH	Siemens store Berlin	1	set			
DWE	Lifting plant	Siemens AG	Broxburn, UK	1	unit			vested to CEC 22-Apr-2011
DWE	Macminder	Donfab & Consifa	Broxburn, UK	1	unit			
DWE	Manual Lever Snips	HAHN+KOLB Werkzeuge GmbH	Siemens store Berlin	1	unit			
DWE	Mechanical Hand tools	HAHN+KOLB Werkzeuge GmbH	Siemens store Berlin	30	set			different sets
DWE	Mechanical Measuring Devices	HAHN+KOLB Werkzeuge GmbH	Siemens store Berlin	1	set			consists of 55 pieces and accessories
DWE	Minirof Rail System	Bakerail	Broxburn, UK	1	unit			
DWE	Mobile Lifting Equipment	HAHN+KOLB Werkzeuge GmbH	Siemens store Berlin	1	set			consists of 24 pieces and accessories
DWE	Overhead crane	Street Crane	Stockport, UK	1	unit			
DWE	Pallet stacker	Siemens plc	Broxburn, UK	1	unit			
DWE	Pallet truck	Pfaff-silberblau Verkehrstechnik GmbH & Co. KG	Broxburn, UK	3	unit			in container #2 with lifting plant
DWE	Petrol Generator	HAHN+KOLB Werkzeuge GmbH	Siemens store Berlin	2	unit			
DWE	Portable Lighting Stands	HAHN+KOLB Werkzeuge GmbH	Siemens store Berlin	10	unit			
DWE	Safety and site protection equipment	HAHN+KOLB Werkzeuge GmbH	Siemens store Berlin	1	set			consists of different equipment

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Schedule 2
Schedule of Materials and Parts

Subgroup	Material	Supplier	Current Storage Location	Qty	Unit	Customer Value (EUR)	Customer Value (GBP)	General Remark
DWE	Scottish Voidmeter	Abtus	Broxburn, UK	6	unit			
DWE	Semi Automatic Hacksaw	HAHN+KOLB Werkzeuge GmbH	Siemens store Berlin	1	unit			
DWE	Service Vehicle, Bo jies and Trailors	G. Zwiehoff GmbH/Zweife r GmbH	Leichlingen, DE	1	set			consists of 10 different units
DWE	Sto boards, clamps	MC Electronic	Broxburn, UK	1	set			
DWE	Sump pumps	T&T Pumps	Broxburn, UK	1	set			
DWE	Tools for Fibre Glass Works	HAHN+KOLB Werkzeuge GmbH	Siemens store Berlin	1	set			
DWE	Tools for Point Machine Maintenance	HAHN+KOLB Werkzeuge GmbH	Siemens store Berlin	1	set			consists of different equipment
DWE	Turn Table	Pfaff-silberblau Verkehrstechnik GmbH & Co. KG	Pfaff, Enzelsfeld, DE	1	unit			
DWE	Underfloor wheel lathe	Siemens plc (Heienseheidt)	Broxburn, UK	1	unit			vested to CEC 22-Apr-2011
DWE	Universal Workshop Lathe	HAHN+KOLB Werkzeuge GmbH	Siemens store Berlin	1	unit			
DWE	Washing Plant	Smith Bros & Webb Ltd.	Edinburgh, UK	1	unit			vested to CEC 22-Apr-2011
DWE	Waste containers	HAHN+KOLB Werkzeuge GmbH	Siemens store Berlin	1	set			
DWE	Weid ing Tools	HAHN+KOLB Werkzeuge GmbH	Siemens store Berlin	1	set			
DWE	Workshop Furniture	HAHN+KOLB Werkzeuge GmbH	Siemens store Berlin	1	set			tool storage, cupboards, safe cabinets etc.
DWE	Workshop Furniture	Sierin Metal	Broxburn, UK	1	set			storage equipment
DWE	Workshop Pillar Drilling Machine	HAHN+KOLB Werkzeuge GmbH	Siemens store Berlin	1	unit			
DWE Total								
REL	Combined Poles (ttl 372 pcs)	Pfeiffer / Siemens plc	Ortenberg, DE	316	pcs			
REL	Combined Poles (ttl 372 pcs)	Pfeiffer / Siemens plc	Broxburn, UK	41	pcs			vested to CEC 22-Apr-2011
REL	Combined Poles (ttl 372 pcs)	Pfeiffer / Siemens plc	Section 1 (Princes Street)	15	pcs			
REL	Contact Wire (150mm ²) (49.483m)	Isotraht / Siemens plc	Mannheim, DE	31,055	m			
REL	Contact Wire (150mm ²) (49.483m)	Siemens AG	Broxburn, UK	18,428	m			vested to CEC 22-Apr-2011
REL	Control Cable (5x2,5mm ²) - 700m	Siemens plc	Broxburn, UK	700	m			
REL	Control Cable (12x2,5mm ² and 4x1,5mm ²) - 700m+	Siemens plc	Broxburn, UK	750	m			
REL	Control Cable (3x4mm ²) - 1100m	Siemens plc	Broxburn, UK	1,100	m			
REL	Control Cable (7x2,5mm ²) - 52.000m	Siemens plc	Broxburn, UK	52,500	m			vested to CEC 22-Apr-2011
REL	Leitun g / Cable N2XCH 4x2,5 RE/2,5 0,6/1 kV	Siemens plc	Broxburn, UK	100	m			

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Schedule 2
Schedule of Materials and Parts

Subgroup	Material	Supplier	Current Storage Location	Qty	Unit	Customer Value (EUR)	Customer Value (GBP)	General Remark
REL	Medium Voltage Cable (95mm ²) - 600m	Siemens plc	Broxburn, UK	617	m			
REL	Messenger Wire (25.554 m)	Isodraht / Siemens plc	Mannheim, DE	11.193	m			
REL	Messenger Wire (25.554 m)	Siemens AG	Broxburn, UK	14.361	m			vested to CEC 22-Apr-2011
REL	Multifunctional distribution boards	Siemens plc	Broxburn, UK		/ pcs			
REL	MV Sw. Incoming + transformer feeding panel	Siemens AG	Broxburn, UK	9	pcs			vested to CEC 22-Apr-2011
REL	OCL Material (General)	Siemens AG	Broxburn, UK	84.076	kg			vested to CEC 22-Apr-2011
REL	OCL Material Alu Tubes L=8.0m	Siemens plc	Broxburn, UK	9.378	m			vested to CEC 22-Apr-2011
REL	OCL Material Constructions (steel components)	Siemens AG	Broxburn, UK	4.399	pcs			vested to CEC 22-Apr-2011
REL	OCL Material Isolators SEFAG	Siemens plc	Broxburn, UK	447	pcs			vested to CEC 22-Apr-2011
REL	Power cable DC (150mm ²) - 8.000m+20.600m	Siemens AG	Broxburn, UK	31.835	m			vested to CEC 22-Apr-2011
REL	Power cable DC (400mm ²) - 2.500m	Siemens plc	Broxburn, UK	2.535	m			vested to CEC 22-Apr-2011
REL	Rectifier Transformer	Siemens AG	Broxburn, UK	9	pcs			vested to CEC 22-Apr-2011
REL	Stepped Poles / 451 pcs.	Euro poles / Siemens plc	Neumarkt, DE	272	pcs			
REL	Stepped Poles / 451 pcs.	Euro poles / Siemens plc	Broxburn, UK	25	pcs			vested to CEC 22-Apr-2011
REL	Stepped Poles / 451 pcs.	Euro poles / Siemens plc	Section 7 (FARRANS)	18	pcs			
REL	Stepped Poles / 451 pcs.	Euro poles / Siemens plc	Section 6 (Gogar Depot)	85	pcs			
REL	Stepped Poles / 451 pcs.	Euro poles / Siemens plc	Section 6 (Gogar Depot)	51	pcs			
REL	TSS DC Coupling panel (bypass)	Siemens AG	Broxburn, UK	8	pcs			vested to CEC 22-Apr-2011
REL	TSS DC Disconnecter panel	Siemens AG	Broxburn, UK	8	pcs			vested to CEC 22-Apr-2011
REL	TSS DC REC Incoming & return cubicle	Siemens AG	Broxburn, UK	9	pcs			vested to CEC 22-Apr-2011
REL	TSS DC Rectifier	Siemens AG	Broxburn, UK	9	pcs			vested to CEC 22-Apr-2011
REL	TSS DC SCD	Siemens AG	Broxburn, UK	8	pcs			vested to CEC 22-Apr-2011
REL	TSS DC Track feeder panel cubicle (+depot)	Siemens AG	Broxburn, UK	19	pcs			vested to CEC 22-Apr-2011
REL Total								
SiG	Control centre hardware (computer, monitors, swic	Siemens AG	Broxburn, UK	1	pcs			
SiG	Control centre hardware (VICOS ATT, VICOS Arch	Siemens plc	Ashby-de-la-Zouch, UK	1	Set			whole system (includes several PCs and other equipment)
SiG	Data Maniller	IVU	Aachen, DE	1	pcs			

Schedule 2
Schedule of Materials and Parts

Subgroup	Material	Supplier	Current Storage Location	Qty	Unit	Customer Value (EUR)	Customer Value (GBP)	General Remark
SIG	IMU boxes	Siemens plc	Broxburn, UK	220	pcs			vested to CEC 22-Apr-2011
SIG	IMU100 Antennas / Loops	Siemens plc	Broxburn, UK	230	pcs			vested to CEC 22-Apr-2011
SIG	IMU100 onboard equipment	CAF	Irun, ES	27	one per train			
SIG	IMU100 Receiver CPU850 (16 pcs)	Siemens plc	Ashby-de-la-Zouch, UK	21	pcs			
SIG	IMU100 Receiver CPU850 (25 pcs)	Siemens AG	Braunschweig, DE	24	pcs			
SIG	Interlocking Airport, New Haven, Ocean Terminal	Siemens AG	Broxburn, UK	3	pcs			vested to CEC 22-Apr-2011
SIG	Interlocking S7 Depot East, Depot West	Siemens AG	Broxburn, UK	2	pcs			vested to CEC 22-Apr-2011
SIG	Interlocking S7 Haymarket	Siemens AG	Broxburn, UK	1	pcs			vested to CEC 22-Apr-2011
SIG	Multicore signalling cable	Siemens plc		1	lot			
SIG	Panasonic Wide Screen Display 103	Barco	Gogar Tram Depot, Ed	1	pcs			
SIG	Point blocking circuits (PBC)	Siemens AG	Broxburn, UK	50	pcs			vested to CEC 22-Apr-2011
SIG	Point heating control	Siemens AG		6	pcs			
SIG	Radio equipment for 27 trams	CAF	Irun, ES	27	one per train			
SIG	TPDS onboard computer	CAF	Irun, ES	27	one per train			
SIG	Wifi equipment	IVU	Broxburn, UK	1	set			
SIG Total								
SIG/COM	Antenna	Siemens plc	Broxburn, UK	1	pcs			vested to CEC 22-Apr-2011
SIG/COM	Battery Circuit Breakers	Siemens plc	Broxburn, UK	7	pcs			vested to CEC 22-Apr-2011
SIG/COM	Battery Circuit Breakers	Siemens plc	Section 6A (Gogar Depot)	1	pcs			
SIG/COM	Cable for point heaters	Siemens plc	Broxburn, UK	1	lot			
SIG/COM	Coaxial cable	Siemens plc	Broxburn, UK	1	lot			vested to CEC 22-Apr-2011
SIG/COM	Control centre UPS	Siemens plc	Section 6A (Gogar Depot)	1	pcs			
SIG/COM	Depot PABX	Siemens plc	Section 6A (Gogar Depot)	1	lot			
SIG/COM	Depot PABX (telephones only)	Siemens plc	Broxburn, UK	1	lot			vested to CEC 22-Apr-2011
SIG/COM	Fibre Optic Cable	Siemens plc	Broxburn, UK	1	lot			vested to CEC 22-Apr-2011
SIG/COM	Mechanical Points Indicator	DTS	Chesterfield, UK	1	lot			
SIG/COM	Multicore signalling cable	Siemens plc	Broxburn, UK	1	lot			vested to CEC 22-Apr-2011

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Schedule 2
Schedule of Materials and Parts

Subgroup	Material	Supplier	Current Storage Location	Qty	Unit	Customer Value (EUR)	Customer Value (GBP)	General Remark
SIG/COM	NAL boxes	Siemens plc	Broxburn, UK	19	pcs			
SIG/COM	OLE isolation cabinets	Siemens plc	Broxburn, UK	7	pcs			vested to CEC 22-Apr-2011
SIG/COM	Point Heaters	Siemens plc	Broxburn, UK	16	pcs			vested to CEC 22-Apr-2011
SIG/COM	Point Machines	Siemens plc	Broxburn, UK	60	pcs			vested to CEC 22-Apr-2011
SIG/COM	Point Machines (61 pcs)	Siemens plc	Section 6A (Gogar Depot)	1	pcs			
SIG/COM	Radio base station equipment racks	Siemens plc	Ashby-de-la-Zouch, UK	1	pcs			stem
SIG/COM	Radio base station equipment racks	Siemens plc	Broxburn, UK	3	pcs			vested to CEC 22-Apr-2011
SIG/COM	Radio base station UPS racks (3 off)	Siemens plc	Broxburn, UK	3	pcs			vested to CEC 22-Apr-2011
SIG/COM	Radio equipment for 27 trams	CAF	Irun, ES	27	pcs			stem
SIG/COM	Radio Masts	Tait Europe Ltd	Huntingdon, UK	4	pcs			
SIG/COM	Radio system - Hand Helds plus chargers plus vehi	Tait Europe Ltd	Broxburn, UK	1	lot			vested to CEC 22-Apr-2011
SIG/COM	Radio system - Control rack	Tait Europe Ltd	Ashby-de-la-Zouch, UK	1	lot			stem
SIG/COM	Radio system - 2 hand held radios incl. batteries an	Tait Europe Ltd / CAF	Irun, ES	1	lot			stem
SIG/COM	Speaker cable	Siemens plc	Broxburn, UK	1	lot			
SIG/COM	Substation chargers (8 pcs)	Siemens plc (7 off Broxburn, 1 off Gogar Depot Substation)	Broxburn, UK	7	pcs			vested to CEC 22-Apr-2011
SIG/COM	Substation chargers (8 pcs)	Siemens plc (7 off Broxburn, 1 off Gogar Depot Substation)	Section 6A (Gogar Depot)	1	pcs			
SIG/COM	Substation comms racks (8 pcs)	Ashby & 1 off Gogar Depot Substation)	Broxburn, UK	7	pcs			vested to CEC 22-Apr-2011
SIG/COM	Substation comms racks (8 pcs)	Ashby & 1 off Gogar Depot Substation)	Section 6A (Gogar Depot)	1	pcs			
SIG/COM	Tramstop equipment cabinet (23 off)	Siemens plc (4 off Broxburn, 19 off Ashby)	Ashby-de-la-Zouch, UK	19	pcs			
SIG/COM	Tramstop equipment cabinet (23 off)	Siemens plc (4 off Broxburn, 19 off Ashby)	Broxburn, UK	4	pcs			vested to CEC 22-Apr-2011
SIG/COM	Tramstop equipment cable	Siemens plc	Broxburn, UK	1	lot			
SIG/COM	Tramstop local power cable	Siemens plc	Broxburn, UK	1	lot			vested to CEC 22-Apr-2011
SIG/COM	Total							
SIG/SCA	CCTV Equipment - Cameras, Matrix, Storage, etc	Siemens plc	Ashby-de-la-Zouch, UK	1	lot			
SIG/SCA	Depot Comms Equipment Cabinets (5 pcs)	Siemens plc	Ashby-de-la-Zouch, UK	5	pcs			
SIG/SCA	Maintenance Workstation (2 pcs)	Siemens plc	Ashby-de-la-Zouch, UK	2	pcs			
SIG/SCA	ODN Hardware Equipment	Siemens plc	Ashby-de-la-Zouch, UK	1	lot			

Schedule 2
Schedule of Materials and Parts

Subgroup	Material	Supplier	Current Storage Location	Qty	Unit	Customer Value (EUR)	Customer Value (GBP)	General Remark
SIG/SCA	Operator Workstations (3 pcs)	Siemens plc	Ashby-de-la-Zouch, UK	3	pcs			
SIG/SCA	PA Induction Loop (15 pcs)	Siemens plc	Ashby-de-la-Zouch, UK	35	pcs			
SIG/SCA	PA Tramstop Equipment	Siemens plc	Ashby-de-la-Zouch, UK	23	pcs			
SIG/SCA	Passenger Help Points (35 pcs)	Commend		35	pcs			
SIG/SCA	Passenger information displays (PID) (3 pcs)	Siemens plc	Ashby-de-la-Zouch, UK	3	pcs			
SIG/SCA	Passenger information displays (PID) (42 pcs)	Siemens plc	Broxburn, UK	42	pcs			vested to CEC 22-Apr-2011
SIG/SCA	PID pole prototypes	Siemens plc	Broxburn, UK	2	pcs			
SIG/SCA	Speakers (Tramstop platform) (278 pcs)	Penton		278	pcs			
SIG/SCA	Speakers (Tramstop shelters) (84 pcs)	Penton		84	pcs			
SIG/SCA	Tramstop SCADA Equipment	Siemens plc	Ashby-de-la-Zouch, UK	23	pcs			
SIG/SCA Total								
TRW	ACC-drain every 60 meter in embedded track - Pos. 200170	BAM Rail	South Yards, Edinburgh, UK	117	pcs			
TRW	Ballast Sleepers - Pos. 200170	BAM Rail	South Yards Storage Facility, Edinburgh, UK	990	pcs			
TRW	Ballast Sleepers - Pos. 200170	BAM Rail	Section 6 Gogar Depot, Edinburgh, UK	4,089	pcs			
TRW	Ballast Sleepers - Pos. 200170	BAM Rail	Busway, Edinburgh, UK	455	pcs			
TRW	Ballast Sleepers - Pos. 200170	BAM Rail	Edinburgh Park Bridge site, Edinburgh, UK	4,093	pcs			
TRW	Ballast Sleepers - Pos. 200170	BAM Rail	Section 7, Edinburgh, UK	1,441	pcs			
TRW	Ballast Sleepers - Pos. 200170	BAM Rail	Gordon Bow Storage Facility	90	pcs			
TRW	Flat Bottom Rails (standard) - Pos. 200020	BAM Rail	South Yards Storage Facility, Edinburgh, UK	7,884	m			
TRW	Flat Bottom Rails (standard) - Pos. 200020	BAM Rail	Section 6 Gogar Depot, Edinburgh, UK	3,096	m			
TRW	Flat Bottom Rails (standard) - Pos. 200020	BAM Rail	Edinburgh Park Bridge Site, Edinburgh, UK	8,604	m			
TRW	Flat Bottom Rails (standard) - Pos. 200020	BAM Rail	Section 7, Edinburgh, UK	4,966	m			
TRW	Flat Bottom Rails (standard) - Pos. 200020	BAM Rail	currently in transit (acc. to BAM)	14,670	m			
TRW	Grooved Rails - Pos. 200030	BAM Rail	South Yards Storage Facility, Edinburgh, UK	17,010	m			
TRW	Grooved Rails - Pos. 200030	BAM Rail	Section 6 Gogar Depot, Edinburgh, UK	144	m			
TRW	Grooved Rails - Pos. 200030	BAM Rail	Edinburgh Park Bridge site, Edinburgh, UK	612	m			
TRW	Grooved Rails - Pos. 200030	BAM Rail	currently in transit (acc. to BAM)	1,292	m			

Siemens plc
Mobility Complete Transportation
Edinburgh Tram Network
Axel Eickhorn

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Schedule 2
Schedule of Materials and Parts

Subgroup	Material	Supplier	Current Storage Location	Qty	Unit	Customer Value (EUR)	Customer Value (GBP)	General Remark
TRW	Rail Fastenings for 1500mm track - Pos.200140	BAM Rail	South Yards Storage Facility, Edinburgh, UK	6,766	pcs			
TRW	Rail Fastenings for 1500mm track - Pos.200140	BAM Rail	currently in transit (acc. to BAM)	9,701	pcs			
TRW	Small material	BAM Rail	South Yards, Edinburgh, UK	1	lump sum			
TRW	Specific Material for Grass Track - Pos. 200250	BAM Rail	South Yards Storage Facility, Edinburgh, UK	2,705	m			
TRW	Specific Material for Grass Track - Pos. 200250	BAM Rail	Edinburgh Park Bridge site, Edinburgh, UK	244	m			
TRW	Specific Material for embedded track - Pos. 200290	BAM Rail	South Yards Storage Facility, Edinburgh, UK	5,476	m			
TRW	Transitionrails - Pos. 200290	BAM Rail	South Yards Storage Facility, Edinburgh, UK	17	sets			
TRW	Transitionrails - Pos. 200290	BAM Rail	Section 6 Gogar Depot, Edinburgh, UK	8	sets			
TRW	Transitionrails - Pos. 200290	BAM Rail	currently in transit (acc. to BAM)	2	sets			
TRW	Turnouts (depot) acc. to alignment drawings - Pos. 200040	BAM Rail	Section 6 Gogar Depot, Edinburgh, UK	8	pcs			
TRW	Turnouts (depot) acc. to alignment drawings - Pos. 200040	BAM Rail	currently in transit (acc. to BAM)	9	pcs			
TRW	Turnouts (main-line) - Pos. 200040	BAM Rail	South Yards Storage Facility, Edinburgh, UK	0	pcs			
TRW	Turnouts (main-line) - Pos. 200040	BAM Rail	currently in transit (acc. to BAM)	21	pcs			
TRW Total								
Grand Total						47,964,006	39,210,575	

Total 39,210,575

Materials	£14,595,988	vested to CEC 22-Apr-2011
other	£5,407,212	unrecovered installation, pre-commissioning, subcontractor site costs, own site costs (supervision, HSE, security, site infrastructure)
Total	£20,003,200	

Totals by subgroup:		
DWE	€ 5,976,744	£4,885,988
REL	€ 17,810,615	£14,560,174
SIG	€ 4,148,118	£3,391,086
SIG/COM	€ 2,064,102	£1,687,403
SIG/SCA	€ 2,392,276	£1,955,686
TRW	€ 15,572,151	£12,730,233
Total	€ 47,964,006	£39,210,575

Details OCL Material

Category	8WL	A2V	Description - English	Description - German	Ordered	Unit	Supplier
OCL Material (General)	8WL1013-2	A2V00000201334	Two pin clevis link 13 with pins	Zweiloch-Doppellasche 13 mit Bolzen	780	ST	Lu'hafen
OCL Material (General)	8WL1016-6	A2V00000201339	Two pin clevis link 16 with pins	Zweiloch-Doppellasche 16 mit Bolzen	35	ST	Lu'hafen
OCL Material (General)	8WL1018-2	A2V00000201342	Two pin clevis link 19 with pins	Zweiloch-Doppellasche 19 mit Bolzen	2,300	ST	Lu'hafen
OCL Material (General)	8WL1023-2	A2V00000201346	Two pin strap 13, t=3mm	Zweilochlasche 13, t=3mm	15	ST	Lu'hafen
OCL Material (General)	8WL1026-5	A2V00000201350	Two pin strap 16, t=5mm	Zweilochlasche 16, t=5mm	16	ST	Lu'hafen
OCL Material (General)	8WL1028-2	A2V00000201354	Two pin strap 19, t=5mm	Zweilochlasche 19, t=5mm	430	ST	Lu'hafen
OCL Material (General)	8WL1033-2	A2V00000201358	Three pin clevis link 13 with pins	Dreiloch-Doppellasche 13 mit Bolzen	235	ST	Lu'hafen
OCL Material (General)	8WL1036-7	A2V00000201363	Three pin clevis link 16 with pins	Dreiloch-Doppellasche 16 mit Bolzen	55	ST	Lu'hafen
OCL Material (General)	8WL1047-3	A2V00000201380	Three pin connection strap, t=5mm	Dreiloch-Verbindungslasche, t=5mm	22	ST	Lu'hafen
OCL Material (General)	8WL1052-1 DBB:202003X-01	A2V00000200682	Strap 170, offset	Gekroepfte Lasche 170	15	ST	Lu'hafen
OCL Material (General)	8WL1058-2	A2V00000201397	Four pin clevis link 19 with pins	Vierloch-Doppellasche 19 mit Bolzen	45	ST	Lu'hafen
OCL Material (General)	8WL1077-7D	A2V00001020844	Damping device clevis/eye 16 L=1500	Schalldämpfer Gabel/Ose 16 L=1500	130	ST	Lu'hafen
OCL Material (General)	8WL1078-7B	A2V00001064199	Turnbuckle M20 eye 20/clevis 19	Spannschloss M20 Ose 20/Gabel 19	225	ST	Lu'hafen
OCL Material (General)	8WL1086-5A	A2V00001007264	Cross-span tensioning spring 1.3kN	Richtseilfeder 1.3kN, Hub 100mm	100	ST	Lu'hafen
OCL Material (General)	8WL1094-0 DBB:151337X-01	A2V00000201463	Dog M16	Backenklau M16	220	ST	Lu'hafen
OCL Material (General)	8WL1101-2	A2V00000201476	Pin DIN43161-13x40	Bolzen DIN43161-13x40-nrSt	5	ST	Lu'hafen
OCL Material (General)	8WL1104-2	A2V00000201484	Pin DIN43161-16x40	Bolzen DIN43161-16x40-nrSt	10	ST	Lu'hafen
OCL Material (General)	8WL1110-0	A2V00000201497	Pin DIN43161-19x52	Bolzen DIN43161-19x52	15	ST	Lu'hafen
OCL Material (General)	8WL1110-2	A2V00000201499	Pin DIN43161-19x52	Bolzen DIN43161-19x52	2,860	ST	Lu'hafen
OCL Material (General)	8WL1112-2	A2V00000201507	Pin DIN43161-19x100	Bolzen DIN43161-19x100	2,860	ST	Lu'hafen
OCL Material (General)	8WL1115-1	A2V00000201510	Split pin ISO1234-5x28-Cu	Spinnt ISO1234-5x28-Cu	5,760	ST	Lu'hafen
OCL Material (General)	8WL1115-3	A2V00000201512	Spint ISO1234-5x28-Al	Spint ISO1234-5x28-Al	8	ST	Lu'hafen
OCL Material (General)	8WL1116-4	A2V00000201520	Pin with round head DIN43161-13x55	Bolzen mit Rundkopf DIN43161-13x55	12	ST	Lu'hafen
OCL Material (General)	8WL1118-6	A2V00000201532	Shackle 10 with threaded pin and split	Schäkel 10 mit Gewindebolzen und	145	ST	Lu'hafen
OCL Material (General)	8WL1118-7	A2V00000201533	Shackle 12 with threaded pin and split	Schäkel 12 mit Gewindebolzen und	130	ST	Lu'hafen
OCL Material (General)	8WL1128-3 DBB:202025X-03	A2V00001664730	Spring washer A10-nrFSt	Profiling A10-nrFSt	330	ST	Lu'hafen
OCL Material (General)	8WL1128-4 DBB:202025X-04	A2V00000200523	Spring washer A12-nrFSt	Profiling A12-nrFSt	240	ST	Lu'hafen
OCL Material (General)	8WL1128-5 DBB:202025X-05	A2V000002003235	Spring washer A16-nrFSt	Profiling A16-nrFSt	820	ST	Lu'hafen
OCL Material (General)	8WL1138-8	A2V00000201564	Cross link clevis/clevis 19 with pins	Kreuzlasche Gabel/Gabel 19 mit Bolzen	16	ST	Lu'hafen
OCL Material (General)	8WL1141-0	A2V00000201565	Pull-off clamp 13-70 for 1 wire	Auszugsklemme 13-70 für 1 Seil	5	ST	Lu'hafen
OCL Material (General)	8WL1141-7	A2V00000201568	Pull-off clamp 13-150 for 2 wires	Auszugsklemme 13-150 für 2 Seile	10	ST	Lu'hafen
OCL Material (General)	8WL1142-5	A2V00000201574	Strap, offset 60 for pull-off clamp	Gekroepfte Lasche 60 fuer Auszugsklemm	5	ST	Lu'hafen
OCL Material (General)	8WL1180-7	A2V00000201609	Wedge-type dead-end clamp mCl 19	Kielendklemme GTW 19 mit Bolzen	1,060	ST	Lu'hafen
OCL Material (General)	8WL1201-0 DBB:200207X-02	A2V00000200657	One-hole wedge	Einlochkeil	100	ST	Lu'hafen
OCL Material (General)	8WL1202-0 DBB:200207X-03	A2V00000200658	Two-hole wedge	Zweilochkeil	470	ST	Lu'hafen
OCL Material (General)	8WL1202-3	A2V00000201635	Special wedge 50 for steel wire 50mm²	Sonderkeil 50 für Stahlseil 50mm²	550	ST	Lu'hafen
OCL Material (General)	8WL1214-0	A2V00000201651	Cone-type dead-end clamp 19-120	Konus-Abspannklemme 19-120	110	ST	Lu'hafen
OCL Material (General)	8WL1237-2 DBB:200210A	A2V00000200661	Cone-type dead-end clamp 19/AC-120	Konus-Abspannklemme 19/AC-120	150	ST	Lu'hafen
OCL Material (General)	8WL1501-0 DBB:200111X-03	A2V00000200638	Thimble DIN43154-35, E-Cu	Kausche DiN43154-35, E-Cu	150	ST	Lu'hafen
OCL Material (General)	8WL1501-1 DBB:200111X-04	A2V00000200639	Thimble DIN43154-35, Stainless steel	Kausche DiN43154-35, nrSt	1,200	ST	Lu'hafen
OCL Material (General)	8WL1502-0 DBB:200111X-02	A2V00000200637	Thimble DIN43154-50, E-Cu	Kausche DiN43154-50, E-Cu	100	ST	Lu'hafen
OCL Material (General)	8WL1515-0	A2V00000201732	Insulated thimble 10f, Polypropylen	Isolierkausche 10f, Polypropylen	7,000	ST	Lu'hafen
OCL Material (General)	8WL1516-2	A2V00000201735	Thimble 8, Stainless steel	Kausche 8, nrSt	3,805	ST	Lu'hafen
OCL Material (General)	8WL1520-0 DBB:200107X-01	A2V00000200630	Crimped connector 10f-20, E-Cu	Kerbverbinder 10f-20, E-Cu	7,000	ST	Lu'hafen
OCL Material (General)	8WL1522-0 DBB:200107X-03	A2V00000201746	Crimped connector 25-55, E-Cu	Kerbverbinder 25-55, E-Cu	40	ST	Lu'hafen
OCL Material (General)	8WL1524-1 DBB:200107X-04	A2V00000201751	Crimped connector 50-90, E-Cu	Kerbverbinder 50-90, E-Cu	80	ST	Lu'hafen
OCL Material (General)	8WL1553-0 DBB:200107X-06	A2V00000200635	Compression joint for wire 16f-20	Pressverbinder 16f-20, nrSt	1,200	ST	Lu'hafen
OCL Material (General)	8WL1580-1	A2V00000201771	Cable lug DIN46235-12-70-E-Cu	Kabelschuh DIN46235-12-70-E-Cu	13	ST	Nexans 1824407
OCL Material (General)	8WL1601-2	A2V00000201801	Protection sleeve 35-80	Schutzhülse 35-80	5	ST	Lu'hafen
OCL Material (General)	8WL1604-3 DBB:200104X-12	A2V00000200823	Sleeve 70f/95-80, E-Cu	Schutzhülse 70f/95-80, E-Cu	50	ST	Lu'hafen
OCL Material (General)	8WL1604-4	A2V00000201815	Sleeve 95f-80, E-Cu	Schutzhülse 95f-80, E-Cu	150	ST	Lu'hafen
OCL Material (General)	8WL1606-0	A2V00000201823	Protection sleeve 120-70, Cu-ETP	Schutzhülse 120-70, Cu-ETP	20	ST	Lu'hafen
OCL Material (General)	8WL1606-1	A2V00000201824	Sleeve 120-130, E-Cu	Schutzhülse 120-130, E-Cu	20	ST	Lu'hafen
OCL Material (General)	8WL1614-0 DBB:100202X-01	A2V00000200447	Sleeve 50-130, Alcu	Schutzhülse 50-130, Alcu	25	ST	Lu'hafen
OCL Material (General)	8WL1650-3	A2V00000201853	Compression clamp 8	Pressklemme 8	3,800	ST	Lu'hafen
OCL Material (General)	8WL2006-0A	A2V00001391603	Swivel clip holder 55-16R	Klemmenhalter 55-16R	45	ST	Lu'hafen
OCL Material (General)	8WL2007-1	A2V00000201868	Swivel clip holder 26	Klemmenhalter 26	100	ST	Lu'hafen
OCL Material (General)	8WL2037-3	A2V00001139307	Catenary wire support clamp 55/16	Tragseildrehklemme 55/16 isoliert	600	ST	Lu'hafen
OCL Material (General)	8WL2082-6	A2V00000201941	Conductor suspension clamp 16-16 with	Tragklemme 16-16 mit Kauschenhaken	15	ST	Lu'hafen
OCL Material (General)	8WL2083-4	A2V00000201946	Conductor suspension clamp 13 with	Tragklemme 13 mit Hakenshrauben	40	ST	Lu'hafen
OCL Material (General)	8WL2095-0	A2V00000201953	Conductor suspension clamp 16-16 with	Tragklemme 16-16 mit Kauschenhaken	40	ST	Lu'hafen
OCL Material (General)	8WL2097-0	A2V00000201956	Bridle suspension 55-60.3, fixed	Seilgleiteraufhängung 55-60.3	730	ST	Lu'hafen
OCL Material (General)	8WL2097-0B	A2V00001828856	Bridle suspension 70, fixed	Seilgleiteraufhängung 70, fest	70	ST	Lu'hafen
OCL Material (General)	8WL2097-1	A2V00000201957	Bridle guiding device 55-60.3	Seilgleiterführung 55-60.3	55	ST	Lu'hafen

Details OCL Material

Category	8WL	A2v	Description - English	Description - German	Ordered	Unit	Supplier
OCL Material (General)	8WL2097-2A	A2V00001413976	Clevis d=17	Gabel d=17, nrSt	12	ST	Lu'hafen
OCL Material (General)	8WL2104-1	A2V00000201978	Hook end fitting 42, compl	Hakenkioben 42, kompl	250	ST	Lu'hafen
OCL Material (General)	8WL2104-2	A2V00000201979	Hook end fitting 55	Hakenkioben 55	265	ST	Lu'hafen
OCL Material (General)	8WL2114-1 DBB:059656A	A2V00000200150	Eye clamp 55, compl	Osenschelle 55, kompl	500	ST	Lu'hafen
OCL Material (General)	8WL2114-4 DBB:059656A	A2V00000200149	Eye clamp 70, compl	Osenschelle 70, kompl	160	ST	Lu'hafen
OCL Material (General)	8WL2115-1 DBB:059645B	A2V00000200123	Eye clamp 55, compl	Augenschelle 55, kompl	1.750	ST	Lu'hafen
OCL Material (General)	8WL2116-0 DBB:059616A	A2V00000200124	Eye clamp 70/80, compl	Augenschelle 70/80, kompl	75	ST	Lu'hafen
OCL Material (General)	8WL2116-7A	A2V00001075434	Twin drop bracket 42/42 4, compl	Doppelabzughalter 42/42 4, kompl	45	ST	Lu'hafen
OCL Material (General)	8WL2116-7B	A2V00001135591	Twin drop bracket 55, compl	Doppelabzughalter 55, kompl	160	ST	Lu'hafen
OCL Material (General)	8WL2118-1 DBB:059662A	A2V00000200156	Drop bracket 42, compl	Abzughalter 42, kompl	225	ST	Lu'hafen
OCL Material (General)	8WL2118-2 DBB:059662B	A2V00000200157	Drop bracket 55	Abzughalter 55	865	ST	Lu'hafen
OCL Material (General)	8WL2118-2A	A2V00001787558	Drop bracket 70/80 H=70, compl	Abzughalter 70/80 H=70, kompl	140	ST	Lu'hafen
OCL Material (General)	8WL2118-4B	A2V00001028697	Drop bracket 55, compl	Abzughalter 55, kompl	22	ST	Lu'hafen
OCL Material (General)	8WL2120-7	A2V00000202030	Clevis end fitting 70, compl	Gelenkgabel 70, kompl	90	ST	Lu'hafen
OCL Material (General)	8WL2121-5	A2V00000202037	Clevis end fitting 55	Gelenkgabel 55	500	ST	Lu'hafen
OCL Material (General)	8WL2124-3	A2V00000202045	Cantilever swivel bracket for fastening	Gelenkbock für Spannbefestigung	855	ST	Lu'hafen
OCL Material (General)	8WL2124-4 DBB:059450X-01	A2V00000200212	Cantilever swivel bracket	Gelenkbock, G-Al	30	ST	Lu'hafen
OCL Material (General)	8WL2125-1 DBB:059835X-01	A2V00000200202	Cantilever swivel bracket	Gelenkbock, G-Al	205	ST	Lu'hafen
OCL Material (General)	8WL2126-3 DBB:059817X-01	A2V00000200188	Swivel with clevis 19, L=62	Drehgelenk mit Gabel 19, L=62	2.860	ST	Lu'hafen
OCL Material (General)	8WL2131-0	A2V00000202061	Pulley 88 with suspension, single	Seirolle 88 mit Aufhängung, einfach	40	ST	Lu'hafen
OCL Material (General)	8WL2142-6 DBB:059003A	A2V00000200063	Double eye clamp for pull-off	Doppelösenklemme für Boqenabzug	2	ST	Lu'hafen
OCL Material (General)	8WL2148-5	A2V00000202095	Hook clip 42, compl	Hakenschele 42, kompl	270	ST	Lu'hafen
OCL Material (General)	8WL2148-6	A2V00000202096	Hook clip 55, compl	Hakenschele 55, kompl	330	ST	Lu'hafen
OCL Material (General)	8WL2150-0	A2V00000202097	Cross-span hook clamp for wire 25-50mm²	Hakenklemme für Seil 25-50mm²	310	ST	Lu'hafen
OCL Material (General)	8WL2158-0A	A2V00001020552	Cross-span eye clamp 25-70	Richtseitösenklemme 25-70	270	ST	Lu'hafen
OCL Material (General)	8WL2184-3 DBB:202008X-04	A2V00000200700	End cap 55	Verschlusskappe 55	1.800	ST	Lu'hafen
OCL Material (General)	8WL2184-4 DBB:202008X-05	A2V00000200701	End cap 70	Verschlusskappe 70	70	ST	Lu'hafen
OCL Material (General)	8WL2184-7 DBB:202008X-07	A2V00000200703	End cap 42	Verschlusskappe 42	260	ST	Lu'hafen
OCL Material (General)	8WL2196-3	A2V00001028694	Hook clip 42-80 for U-bolt M16	Hakenschele 42-80 fuer	595	ST	Lu'hafen
OCL Material (General)	8WL2201-0	A2V00000202154	Clevis end fitting for connection with	Gelenkgabel für Isolatoranschluss	1.820	ST	Lu'hafen
OCL Material (General)	8WL2205-0	A2V00000202156	Connector sleeve 70	Rohradapter 70	160	ST	Lu'hafen
OCL Material (General)	8WL2206-0	A2V00000202158	Connector sleeve 55	Rohradapter 55	2.080	ST	Lu'hafen
OCL Material (General)	8WL2210-0	A2V00000202160	Joint clevis for twin tube	Gelenkgabel für Doppelrohr	210	ST	Lu'hafen
OCL Material (General)	8WL2214-0	A2V00000202163	Twin tube clamp 55-70	Doppelrohrschele 55-70	1.330	ST	Lu'hafen
OCL Material (General)	8WL2215-0	A2V00000202164	Twin tube clamp 55-70 with eye	Doppelrohrschele 55-70 mit Auge	235	ST	Lu'hafen
OCL Material (General)	8WL2216-0	A2V00000202165	Twin tube clamp 55-70 with double eye	Doppelrohrschele 55-70 mit Doppelaug	100	ST	Lu'hafen
OCL Material (General)	8WL2723-1	A2V00001159666	Drop bracket 48.3-60.3 H=70/90 compl	Abzughalter 48.3-60.3 H=70/90 kompl	5	ST	Lu'hafen
OCL Material (General)	8WL2810-0	A2V00000202198	GRP Round rod 26 RAL1020 L=8m	GFK-Rundstab 26 RAL1020 L=8m	104	M	Lu'hafen
OCL Material (General)	8WL2813-0	A2V00000202206	GRP Round rod 55 RAL1020 L=8.0m	GFK-Rundstab 55 RAL1020 L=8.0m	80	M	Lu'hafen
OCL Material (General)	8WL2815-0	A2V00000202212	GRP Oval rod 23x33 RAL1020 L=6.0m	GFK-Ovalstab 23x33 RAL1020 L=6.0m	1.768	M	Lu'hafen
OCL Material (General)	8WL2832-5	A2V00001019226	Fitting 26 with eye 17	Hülse 26 mit Auge 17	30	ST	Lu'hafen
OCL Material (General)	8WL2832-7	A2V00000202245	Fitting 26 with clevis d=17	Hülse 26 mit Gabel d=17	30	ST	Lu'hafen
OCL Material (General)	8WL2833-0	A2V00000202247	Hook end clamp for GRP rod 23x33, compl	Hakenkioben für GFK-Stab 23x33, kompl	275	ST	Lu'hafen
OCL Material (General)	8WL2833-1	A2V00000202248	Swivel clip holder 16R f.GRP rod 23x33	Klemmenhalter 16R für GFK-Stab 23x33	1.935	ST	Lu'hafen
OCL Material (General)	8WL3001-2	A2V00001220610	Loop insulator 1.5kV DC	Schlingenisolator 1,5kV DC	1.480	ST	Lu'hafen
OCL Material (General)	8WL3021-3C	A2V00001054719	Insulating rod 26 c/c 16 RAL1020 L=2000	Isolierstab 26 G/G 16 RAL1020 L=2000	26	ST	Lu'hafen
OCL Material (General)	8WL3120-5	A2V00000202454	Insulator body M16/M16 3kV 50kN/9kN	Isolierkörper 3kV 50kN/9kN M16/M16	2.160	ST	Lu'hafen
OCL Material (General)	8WL3122-1	A2V00000202456	Insulator body M16/M16 1.5kV DC	Isolierkörper M16/M16 1.5kV DC	22	ST	Lu'hafen
OCL Material (General)	8WL3132-1	A2V00000202464	Insulator body for underbridge support	Stützisolator Form B	18	ST	Lu'hafen
OCL Material (General)	8WL3508-0	A2V00000202507	Steady arm L=775	Seitenhalter L=775	50	ST	Lu'hafen
OCL Material (General)	8WL3514-0	A2V00000202521	Steady arm with GRP rod 23x33 and	Seitenhalter mit GFK-Stab 23x33 und	22	ST	Lu'hafen
OCL Material (General)	8WL3520-2	A2V00000202533	Bridge-and-pulley suspension with	Seilgleiter mit Kunststoffseil d=9mm	1.140	ST	Lu'hafen
OCL Material (General)	8WL3521-0	A2V00000202535	Rope pulley	Seirolle mit Osengabel	290	ST	Lu'hafen
OCL Material (General)	8WL3521-3	A2V00000202536	Pulley insulator R=6	Rollenisolator R=6	12	ST	Lu'hafen
OCL Material (General)	8WL3523-0	A2V00000202540	Put-off arm	Abzugarm	92	ST	Lu'hafen
OCL Material (General)	8WL3526-8	A2V00001016572	Underbridge and tunnel support for	Deckenhalter für 1 Tragsseil bis 185mm²	12	ST	Lu'hafen
OCL Material (General)	8WL3554-6	A2V00001029239	Line hanger 16R for 1.5kV	Fahrdrahthalter 16R für 1,5kV	30	ST	Lu'hafen
OCL Material (General)	8WL3575-0	A2V00000202604	Underbridge fastening f.elastic support	Deckenbefestigung für elast Stützpunkt	12	ST	Lu'hafen
OCL Material (General)	8WL4003-4	A2V00000202642	STARTING WASHER WC16 DU	Anlaufscheibe WC 16 DU	18	ST	Lu'hafen
OCL Material (General)	8WL4502-0 DBB:102107X-71	A2V00000200456	Conductor crossing clamp 50-95	Kreuzstromklemme 50-95	6	ST	Lu'hafen
OCL Material (General)	8WL4505-3	A2V00000202738	Clamp 120-150, Tin bronze	Zahnklemme 120-150, CuSn	18	ST	Lu'hafen
OCL Material (General)	8WL4505-5 DBB:074242A	A2V00000200306	Connection clamp 25-70	Verbindungsklemme 25-70	18	ST	Lu'hafen
OCL Material (General)	8WL4505-7 DBB:074246A	A2V00000205005	Stitch wire clamp 25-50/35-150	Beiseilklemme 25-50/35-150	150	ST	Lu'hafen
OCL Material (General)	8WL4517-1L DBB:0595063-A	A2V00001187052	Contact wire clip 16R with U-pin	Fahrdrahtklemme 16R mit Bügelsplnl	1.950	ST	Lu'hafen

Details OCL Material

Category	SWL	A2V	Description - English	Description - German	Ordered	Unit	Supplier
OCL Material (General)	8WL4517-1M DBB:059506-3-C	A2V00001187113	Contact wire clc M16	Fahrdrahtklemme M16	100	ST	Lu'hafen
OCL Material (General)	8WL4524-1B DBB:059321X-72	A2V000001071270	Clamp holder 55 für wire 50-120mm²	Klemmenhalter 55 für Seil 50-120mm²	10	ST	Lu'hafen
OCL Material (General)	8WL4536-1	A2V00000202827	Parallel groove clamp 22	Stegklemme 22	170	ST	Lu'hafen
OCL Material (General)	8WL4537-2	A2V00000202828	Parallel groove clamp 35	Stegklemme 35	60	ST	Lu'hafen
OCL Material (General)	8WL4578-2	A2V00000202881	Parallel groove clamp 120-185	Stromklemme 120-185	140	ST	Lu'hafen
OCL Material (General)	8WL4581-0	A2V00000202891	Parallel groove clamp 150	Stromklemme 2x150	10	ST	Lu'hafen
OCL Material (General)	8WL4581-2	A2V00000202893	Conductor clamp 95f-150f/120-185	Seilklemme 95f-150f/120-185	750	ST	Lu'hafen
OCL Material (General)	8WL4583-0	A2V00000202902	Feeder clamp 120f/Ri80-150 for small	Speiseklemme 120f/Ri80-150 bei geringe	750	ST	Lu'hafen
OCL Material (General)	8WL4601-7	A2V00000202963	Spacer sleeve D18/12x16	Distanzrohr D18/12x16	80	ST	Lu'hafen
OCL Material (General)	8WL4612-0	A2V00000202977	Sliding dropper clip for catenary	Gleithängerklemme für Tragseil	40	ST	Lu'hafen
OCL Material (General)	8WL4620-0 DBB:074212B1	A2V00000200282	Dropper clip 50	Hängerklemme 50	3.500	ST	Lu'hafen
OCL Material (General)	8WL4621-3	A2V00000202998	Dropper strap d=12.5	Aufhängebügel d=12.5	80	ST	Lu'hafen
OCL Material (General)	8WL4622-4A	A2V000001013250	Groove clamp for wires up to 25mm²	Schlitzklemme für Seile bis 25mm²	80	ST	Lu'hafen
OCL Material (General)	8WL4624-4	A2V00000203018	Dropper clip 120	Hängerklemme 120	3.500	ST	Lu'hafen
OCL Material (General)	8WL4647-2	A2V000001177806	Guy clamp contact wire-catenary wire	Verbindungsklemme Fahrdraht-Tragseil	60	ST	Lu'hafen
OCL Material (General)	8WL4655-1	A2V00000203044	Wire clip 50	Seilschelle 50	235	ST	Lu'hafen
OCL Material (General)	8WL5006-1A	A2V000001036068	Adjusting strap for tensioning device	Einstelllasche für Radspanner	60	ST	Lu'hafen
OCL Material (General)	8WL5078-0C	A2V000001452207	Tension wheel assembly up to 24kN	Radspanner bis 24kN	90	ST	Lu'hafen
OCL Material (General)	8WL5100-0 DBB:081006X-02	A2V00000200334	Weight d=200 h=60 12.5kg	Nachspanngewicht d=200 h=60 12.5kg	50	ST	Lu'hafen
OCL Material (General)	8WL5101-0 DBB:081006X-01	A2V00000200333	Weight d=203 h=120 25kg	Nachspanngewicht d=203 h=120 25kg	205	ST	Lu'hafen
OCL Material (General)	8WL5102-0 DBB:081006X-04	A2V00000200336	Weight d=300 h=26 12.5kg	Nachspanngewicht d=300 h=26 12.5kg	125	ST	Lu'hafen
OCL Material (General)	8WL5103-0 DBB:081006X-03	A2V00000200335	Weight d=300 h=53 25kg	Nachspanngewicht d=300 h=53 25kg	1.200	ST	Lu'hafen
OCL Material (General)	8WL5154-0 DBB:20200181800	A2V00000200674	Support bar M22x1800 with washer and	Gewichtsstange M22x1800 mit Scheibe u	45	ST	Lu'hafen
OCL Material (General)	8WL5155-0	A2V00000203118	Support bar M22x2000 with washer and	Gewichtsstange M22x2000 mit Scheibe u	16	ST	Lu'hafen
OCL Material (General)	8WL5160-0	A2V00000203120	Equalizing pulley 75 (mIC) with	Seilrolle 75 (GTW) mit Laschen (St+Zn)	90	ST	Lu'hafen
OCL Material (General)	8WL5162-1A	A2V000001406858	Pulley 98 with clevis	Seilrolle 98 mit Gabel	90	ST	Lu'hafen
OCL Material (General)	8WL5167-5	A2V000001177189	Guy clevis with pulley	Abspanngabel mit Seilrolle	45	ST	Lu'hafen
OCL Material (General)	8WL5170-0 DBB:081003A	A2V00000200330	Clamp 26 for support bar 26	Schelle für Gewichtsstange 26	60	ST	Lu'hafen
OCL Material (General)	8WL5517-5C	A2V000001801650	Section insulator 1.5 kV DC	Streckentrenner 1.5 kV DC	30	ST	Lu'hafen
OCL Material (General)	8WL5533-0	A2V00000203219	Setting loop AC-120	Einstellbügel AC-120	10	ST	Lu'hafen
OCL Material (General)	8WL5545-7A	A2V000001160177	Lightweight section insulator up to 3kV	Leichtbau-Streckentrenner bis 3kV DC	18	ST	Lu'hafen
OCL Material (General)	8WL5546-1	A2V00000203256	Section insulator 1.5kV with insulating	Streckentrenner 1.5kV mit Isolierkufen	10	ST	Lu'hafen
OCL Material (General)	8WL5546-3	A2V000001750726	Section insulator 1.5kV with insulating	Streckentrenner 1.5kV mit Isolierkufen	5	ST	Lu'hafen
OCL Material (General)	8WL5548-4D	A2V000001158224	Tumbuckle M8 L=180-240 for section	Spannschloss M8 L=180-240 nrSt für	80	ST	Lu'hafen
OCL Material (General)	8WL6134-4	A2V000001215400	Disconnector with composite insulators	Trennschalter mit Verbundisolatoren	12	ST	Lu'hafen
OCL Material (General)	8WL6134-4A	A2V000001714023	Disconnector with composite insulators	Trennschalter mit Verbundisolatoren	15	ST	Lu'hafen
OCL Material (General)	8WL6135-2A	A2V000001215568	Support for disconnector, stainless steel	Konsole für Trennschalter	13	ST	Lu'hafen
OCL Material (General)	8WL6136-0	A2V000001860356	Rotation angle sensor unit 24V for disconnectors 8WL6134	Drehwinkelsensoreinheit fuer	6	ST	Lu'hafen
OCL Material (General)	8WL6214-1	A2V00000203424	Manual operating mechanism stroke 200mm	Handantrieb, Hub 200mm, G-Al	24	ST	Lu'hafen
OCL Material (General)	8WL6215-0	A2V00000203426	Padlock with 2 keys for manual	Vorhängeschloß mit 2 Schlüsseln für	18	ST	Lu'hafen
OCL Material (General)	8WL6221-2 DBB:059612A	A2V00000206340	Clevis end fitting 26, compl.	Gelenkstück 26 mit Gabel, kompl.	600	ST	Lu'hafen
OCL Material (General)	8WL6225-2	A2V00000203459	Tongue end fitting 26 offset, compl.	Gelenkstück 26 mit Auge einseitig, kompl.	26	ST	Lu'hafen
OCL Material (General)	8WL6227-2A	A2V000001396638	Locking plate, htSt	Verriegelungsplatte, St+Zn	8	ST	Lu'hafen
OCL Material (General)	8WL6231-6	A2V00000203472	Fitting for operating linkage	Gelenkstück für Schaltergestänge	26	ST	Lu'hafen
OCL Material (General)	8WL6247-8A	A2V000001000731	Guide for operating tube 26	Gestängeführung 26 mit Gewinde M16	180	ST	Lu'hafen
OCL Material (General)	8WL6503-7A	A2V000001140217	Voltage limiter with wire 50mm² for fastening on pole or str	Spannungssicherung mit Seil 50mm² für	20	ST	Lu'hafen
OCL Material (General)	8WL6504-6	A2V000001184630	Voltage limiter element 350V DC lightning resistant	Sicherungseinsatz 350V DC	20	ST	Lu'hafen
OCL Material (General)	8WL6538-0	A2V000001046700	Surge arrester for DC 1kV 10kA	Überspannungsableiter für DC 1kV 10kA	21	ST	Lu'hafen
OCL Material (General)	8WL6730-5	A2V00000203609	Cable strap for 1 cable d=20-24mm	Kabelträger für 1 Kabel D=20-24mm	85	ST	Lu'hafen
OCL Material (General)	8WL6730-6	A2V00000203610	Cable strap for 1 cable d=25-30mm	Kabelträger für 1 Kabel D=25-30mm	135	ST	Lu'hafen
OCL Material (General)	8WL6731-6	A2V00000203613	Cable strap for 2 cables d=25-30mm and	Kabelträger für 2 Kabel D=25-30mm und	125	ST	Lu'hafen
OCL Material (General)	8WL6732-6	A2V00000203617	Cable strap for 4 cables d=25-30mm and	Kabelträger für 4 Kabel D=25-30mm und	10	ST	Lu'hafen
OCL Material (General)	8WL6743-0	A2V00000203633	Punch-lock band 19x1.0 (reel L=30m)	Spannband 19x1.0 (Rolle L=30m)	1.500	M	Lu'hafen
OCL Material (General)	8WL6748-0	A2V00000203637	Loop 20, Stainless steel	Schlaufe 20, nrSt	1.500	ST	Lu'hafen
OCL Material (General)	8WL6748-6	A2V00000203640	Lock for punch-lock band, adjustable	Verschluß für Spannband, verstellbar	180	ST	Lu'hafen
OCL Material (General)	8WL6751-0	A2V00000203642	Punch-lock band for 1-3 cables L=330, polyamide, black	Spannband für 1-3 Kabel L=330	10	ST	Lu'hafen
OCL Material (General)	8WL7024-0	A2V000001058330	Solidwire d=1.39mm flexible	Stahdraht d=1.39mm flexibel	50	M	Lu'hafen
OCL Material (General)	8WL7060-2 DBB:200101X-09	A2V000001200194	Wire 10x49, Bronze	Seil 10x49-Bz	5.500	M	Leoni 3201836389
OCL Material (General)	8WL7076-0 DBB:200101X-19	A2V00000200603	Wire DIN43138 - E-Cu - 120x336	Seil DIN43138 - E-Cu - 120x336	1.600	M	Isodraht, 3201836430
OCL Material (General)	8WL7090-0 DBB:200102X-03	A2V00000200610	Steel wire 50mm² d=9.5mm	Stahlseil 50mm² d=9.5mm	1.100	M	Lu'hafen
OCL Material (General)	8WL7090-0C	A2V000001155165	Steelwire 50mm² (d=9.5mm) L=7.5m	Stahlseil 50mm² (d=9.5mm) L=7.5m	100	ST	Lu'hafen
OCL Material (General)	8WL7091-6	A2V000001071757	Wire 12 EN 12385-4 6x19M-WSC 1770 5.2	Seil 12 EN 12385-4 6x19M-WSC 1770 B	1.800	M	Lu'hafen
OCL Material (General)	8WL7093-2 DBB:200101X-31	A2V00000200604	Stainless steelwire rope d=6mm	Drahtseil mit Stahlitzenerlage d=6mm	1.100	M	Lu'hafen
OCL Material (General)	8WL7093-3	A2V00000203731	Stainless steelwire rope d=8mm	Drahtseil mit Stahlitzenerlage d=8mm	16.500	M	Lu'hafen

Details OCL Material

Category	8WL	A2V	Description - English	Description - German	Ordered	Unit	Supplier
OCL Material (General)	8WL7097-0	A2V00000203736	Synthetic wire (Minoroc-wire) d=9mm	Kunststoffseil (Minoroc) d=9mm	200	M	Lu'hafen
OCL Material (General)	8WL8025-3	A2V00000203909	Axle for underbridge support	Achse DIN1443-B16H11X210x195x5-A2	10	ST	Lu'hafen
OCL Material (General)	8WL8025-4	A2V00000203910	Support angle	Befestigungswinkel	18	ST	Lu'hafen
OCL Material (General)	8WL8025-5	A2V00000203911	Fastening plate, GF-UP pul	Befestigungsplatte	10	ST	Lu'hafen
OCL Material (General)	8WL8025-6	A2V00000203912	Pulley for 1 wire up to 185mm²	Seirrolle für 1 Seil bis 185mm²	18	ST	Lu'hafen
OCL Material (General)	8WL8025-7	A2V00000203913	Spacer tube Da=31, Di=16.5, L=20.5, polyamide	Distanzrohr 16.5x31x20.5	36	ST	Lu'hafen
OCL Material (General)	8WL8037-1	A2V00000203927	Tensioning spring 120 L=1045-1205	Nachspannfeder 120 L=1045-1205	16	ST	Lu'hafen
OCL Material (General)	BGS:516.141.1 / B631003A02	A2V00000221724	Feeder clamp 80-150/1xM12	Speiseklemme 80-150/1xM12	425	ST	RiBe_1824413
OCL Material (General)	DBB 045442D	A2V00000204848	Parts for pole anchor	Einzelteile für Mastanker	235	ST	Lu'hafen
OCL Material (General)	DBB 059501A	A2V00000200116	Clevis end fitting 5.5 compl. cIAL	Gelenkgabel mit Rohranschluss 5.5	52	ST	Lu'hafen
OCL Material (General)	DBB 059887X-01	A2V00000200243	Rod	Zugstange M20x190-A2	90	ST	Lu'hafen
OCL Material (General)	DH: 260360	A2V00001106408	Dowel HPS-1 R8/15x40-A2	Schlagdübel HPS-1R8/15x40-A2	100	ST	Hilti_3201851930
OCL Material (General)	DH: 260363	A2V00001289484	Dowel HPS-1 R8/10x40	Schlagdübel HPS-1 R8/10x40	900	ST	Hilti
OCL Material (General)	DH: 387092	A2V00001847374	Grout HIT-RE 500-SD/330/1	Injektionsmoertel HIT-RE 500-SD/330/1		ST	Hilti
OCL Material (General)	DIN: 125-A06.4-A2	A2V00000200789	Washer DIN125-A6.4-A2, stainless steel	Scheibe DIN125-A6.4-A2	40	ST	Lu'hafen
OCL Material (General)	DIN: 125-A08.4-A2	A2V00000200770	Washer DIN125-A8.4-A2, stainless steel	Scheibe DIN125-A8.4-A2	40	ST	Lu'hafen
OCL Material (General)	DIN: 125-A10.5-A2	A2V00000200771	Washer DIN125-A10.5-A2	Scheibe DIN125-A10.5-A2	7.300	ST	Lu'hafen
OCL Material (General)	DIN: 125-A13-A2	A2V00000200773	Washer DIN125-A13-A2	Scheibe DIN125-A13-A2	360	ST	Lu'hafen
OCL Material (General)	DIN: 125-A17-A2	A2V00000200775	Washer DIN125-A17-A2	Scheibe DIN125-A17-A2	1.250	ST	Lu'hafen
OCL Material (General)	DIN: 125-A21-A2	A2V00000200778	Washer DIN125-A21-A2	Scheibe DIN125-A21-A2	5.050	ST	Lu'hafen
OCL Material (General)	DIN: 1471-05X032-A2	A2V00000200829	Grooved pin DIN 1471-5x32-A2, stainless steel	Keiselkerbstift DIN1471-5x32-A2	52	ST	Lu'hafen
OCL Material (General)	DIN: 1473-06X020-A2	A2V00000200834	Grooved pin DIN1473-6x20-A2	Zylinderkerbstift DIN1473-6x20-A2	250	ST	Lu'hafen
OCL Material (General)	DIN: 1481-08X060-A2	A2V00000200856	Prestressed sleeve DIN1481-8x60-A2	Spannstift DIN1481-8x60-A2	2.100	ST	Lu'hafen
OCL Material (General)	DIN: 1481-08X070-A2	A2V00000200857	Prestressed sleeve DIN1481-8x70-A2	Spannstift DIN1481-8x70-A2	170	ST	Lu'hafen
OCL Material (General)	DIN: 3016-1-A1-22X25-W4	A2V00001355308	Clamp DIN 3016-1-A1-22x25-W4	Schelle DIN 3016-1-A1-22x25-W4	850	ST	HS Befestig.
OCL Material (General)	DIN: 3016-1-A1-25X25-W4	A2V00001852808	Clamp DIN 3016-1-A1-25x25-W4	Schelle DIN 3016-1-A1-25x25-W4	85	ST	HS Befestig.
OCL Material (General)	DIN: 46235-12-150-CU-S	A2V00001087200	Cable lug DIN46235-12-150-CU-S	Kabelschuh DIN46235-12-150-CU-S	750	ST	Hagemeyer
OCL Material (General)	DIN: 551-M16X050-A2	A2V00000200962	Slotted set screw DIN551-M16x50-A2	Gewindestift DIN551-M16x50-A2	2.250	ST	Lu'hafen
OCL Material (General)	DIN: 7349-21-A2	A2V00001112146	Washer DIN7349-21-A2	Scheibe DIN7349-21-A2	900	ST	Lederer 1824424
OCL Material (General)	DIN: 9021-13-A2	A2V00000201066	Washer DIN9021-13-A2, stainless steel	Scheibe DIN9021-13-A2	20	ST	Lu'hafen
OCL Material (General)	DIN: 9021-17-A2	A2V00000209312	Washer DIN9021-17-A2	Scheibe DIN9021-17-A2	60	ST	Lu'hafen
OCL Material (General)	DIN: 931-M06X040-A2-70	A2V00000201078	Hexagon bolt DIN931-M6x40-A2-70, special lubricant on	Sechskantschraube DIN931-M6x40-A2-70	30	ST	Lu'hafen
OCL Material (General)	DIN: 931-M16X130-A2-70	A2V00000201110	Hexagon bolt DIN931-M16x130-A2-70, special lubricant on	Sechskantschraube DIN931-M16x130-A2-70	10	ST	Lu'hafen
OCL Material (General)	DIN: 931-M16X160-A2-70	A2V00000201112	Hexagon bolt DIN931-M16x160-A2-70	Sechskantschraube DIN931-M16x160-A2-70	120	ST	Lu'hafen
OCL Material (General)	DIN: 933-M10X020-A2-70	A2V00000201150	Hexagon bolt DIN933-M10x20-A2-70	Sechskantschraube DIN933-M10x20-A2-70	120	ST	Lu'hafen
OCL Material (General)	DIN: 933-M10X030-A2-70	A2V00000201154	Hexagon bolt DIN933-M10x30-A2-70, special lubricant on	Sechskantschraube DIN933-M10x30-A2-70	20	ST	Lu'hafen
OCL Material (General)	DIN: 933-M10X035-A2-70	A2V00000201156	Hexagon bolt DIN933-M10x35-A2-70	Sechskantschraube DIN933-M10x35-A2-70	130	ST	Lu'hafen
OCL Material (General)	DIN: 933-M10X040-A2-70	A2V00000201159	Hexagon bolt DIN933-M10x40-A2-70	Sechskantschraube DIN933-M10x40-A2-70	190	ST	Lu'hafen
OCL Material (General)	DIN: 933-M10X060-A2-70	A2V00000201165	Hexagon bolt DIN933-M10x60-A2-70	Sechskantschraube DIN933-M10x60-A2-70	3.350	ST	Lu'hafen
OCL Material (General)	DIN: 933-M12X025-A2-70	A2V00000201174	Hexagon bolt DIN933-M12x25-A2-70	Sechskantschraube DIN933-M12x25-A2-70	20	ST	Lu'hafen
OCL Material (General)	DIN: 933-M12X030-A2-70	A2V00000201176	Hexagon bolt DIN933-M12x30-A2-70, special lubricant on	Sechskantschraube DIN933-M12x30-A2-70	20	ST	Lu'hafen
OCL Material (General)	DIN: 933-M12X040-A2-70	A2V00000201181	Hexagon bolt DIN933-M12x40-A2-70	Sechskantschraube DIN933-M12x40-A2-70	250	ST	Lu'hafen
OCL Material (General)	DIN: 933-M12X045-A2-70	A2V00000201183	Hexagon bolt DIN933-M12x45-A2-70	Sechskantschraube DIN933-M12x45-A2-70	40	ST	Lu'hafen
OCL Material (General)	DIN: 933-M16X025-A2-70	A2V00000201199	Hexagon bolt DIN933-M16x25-A2-70	Sechskantschraube DIN933-M16x25-A2-70	50	ST	Lu'hafen
OCL Material (General)	DIN: 933-M16X030-A2-70	A2V00000201200	Hexagon bolt DIN933-M16x30-A2-70	Sechskantschraube DIN933-M16x30-A2-70	140	ST	Lu'hafen
OCL Material (General)	DIN: 933-M16X040-A2-70	A2V00000201205	Hexagon bolt DIN933-M16x40-A2-70	Sechskantschraube DIN933-M16x40-A2-70	145	ST	Lu'hafen
OCL Material (General)	DIN: 933-M16X045-A2-70	A2V00000201208	Hexagon bolt DIN933-M16x45-A2-70	Sechskantschraube DIN933-M16x45-A2-70	2.400	ST	Lu'hafen
OCL Material (General)	DIN: 933-M16X050-A2-70	A2V00000209330	Hexagon bolt DIN933-M16x50-A2-70, special lubricant on	Sechskantschraube DIN933-M16x50-A2-70	20	ST	Lu'hafen
OCL Material (General)	DIN: 933-M16X060-A2-70	A2V00000201213	Hexagon bolt DIN933-M16x60-A2-70, special lubricant on	Sechskantschraube DIN933-M16x60-A2-70	32	ST	Lu'hafen
OCL Material (General)	DIN: 933-M16X090-A2-70	A2V00000201220	Hexagon bolt DIN933-M16x90-A2-70	Sechskantschraube DIN933-M16x90-A2-70	250	ST	Lu'hafen
OCL Material (General)	DIN: 933-M16X100-A2-70	A2V00000201222	Hexagon bolt DIN933-M16x100-A2-70	Sechskantschraube DIN933-M16x100-A2-70	65	ST	Lu'hafen
OCL Material (General)	DIN: 933-M20X075-A2-70	A2V00000201231	Hexagon bolt DIN933-M20x75-A2-70	Sechskantschraube DIN933-M20x75-A2-70	685	ST	Lu'hafen
OCL Material (General)	DIN: 933-M20X140-A2-70	A2V00000209340	Hexagon bolt DIN933-M20x140-A2-70	Sechskantschraube DIN933-M20x140-A2-70	10	ST	Lederer 1824424
OCL Material (General)	DIN: 934-M06-A4-70	A2V00000201235	Hexagon nut DIN934-M6-A4-70, stainless steel, special lub	Sechskantmutter DIN934-M6-A4-70	20	ST	Lu'hafen
OCL Material (General)	DIN: 934-M08-A4-70	A2V00000201237	Hexagon nut DIN934-M8-A4-70, stainless steel, special lub	Sechskantmutter DIN934-M8-A4-70	32	ST	Lu'hafen
OCL Material (General)	DIN: 934-M10-A4-70	A2V00000201242	Hexagon nut DIN934-M10-A4-70	Sechskantmutter DIN934-M10-A4-70	7.100	ST	Lu'hafen
OCL Material (General)	DIN: 934-M12-A4-70	A2V00000201245	Hexagon nut DIN934-M12-A4-70	Sechskantmutter DIN934-M12-A4-70	510	ST	Lu'hafen
OCL Material (General)	DIN: 934-M16-A4-70	A2V00000201248	Hexagon nut DIN934-M16-A4-70	Sechskantmutter DIN934-M16-A4-70	780	ST	Lu'hafen
OCL Material (General)	DIN: 934-M20-A2-70	A2V00000201252	Hexagon nut DIN934-M20-A2-70	Sechskantmutter DIN934-M20-A2-70	9.300	ST	Lu'hafen
OCL Material (General)	DIN: 963-M16X025-A2	A2V00000201273	Countersunk screw DIN963-M16x25-A2	Senkschraube DIN963-M16x25-A2	20	ST	Lu'hafen
OCL Material (General)	DIN: 976-BM12X330-A2-70	A2V00000201289	Threaded pin DIN976-BM12x330-A2-70	Gewindebolzen DIN976-BM12x330-A2-70	40	ST	Lu'hafen
OCL Material (General)	DIN: 976-BM16X200-A2-70	A2V00001072588	Threaded rod DIN976-BM16x200-A2-70	Gewindebolzen DIN976-BM16x200-A2-70	50	ST	Lederer 1824424
OCL Material (General)	DIN: 976-BM16X240-A2-70	A2V00001293086	Threaded pin DIN976-BM16x240-A2-70	Gewindebolzen DIN976-BM16x240-A2-70	20	ST	Lederer 1824424
OCL Material (General)	DIN: 976-BM20X380-A2-70	A2V00001091848	Threaded pin DIN976-BM20x380-A2-70	Gewindebolzen DIN976-BM20x380-A2-70	80	ST	Lu'hafen

Details OCL Material

Category	8WL	A2V	Description - English	Description - German	Ordered	Unit	Supplier
OCL Material (General)	DIN:976-BM20X400-A2-70	A2V00001091849	Threaded pin DIN976-BM20x400-A2-70	Gewindebolzen DIN976-BM20x400-A2-7	1,520	ST	Lederer 1824424
OCL Material (General)	DIN:976-BM20X490-A2-70	A2V00001671681	Threaded pin DIN976-BM20x490-A2-70	Gewindebolzen DIN976-BM20x490-A2-7	315	ST	Lederer 1824424
OCL Material (General)	DIN:976-BM20X550-A2-70	A2V00001146389	Threaded pin DIN976-BM20x550-A2-70	Gewindebolzen DIN976-BM20x550-A2-70	20	ST	Lederer 1824424
OCL Material (General)	DSN.101150	A2V000011048350	Earthing rods, 1-pole	Erdführungsränge D. 16 mm	10	ST	Dehn
OCL Material (General)	E596	A2V00001849848	Halfen-mounting rail HL28/15-A4-500	Halfen-Montrageschiene HL 28/15-A4-500	36	ST	Pfeiffer
OCL Material (General)	GE20UK-2RS	A2V00001133530	Radial spherical plain bearing	Radial-Gelenklager	4	ST	Max Lamb
OCL Material (General)	HEL 111-92160	A2V00001873217	Cable tie 430x7.0	Kabelbinder 430x7.0	2,000	ST	HellermannTyton
OCL Material (General)	HFN HS50/30-M 16X040-A4-50	A2V00001081579	Screw HS50/30-M16x040-A4-50 incl nut	Halbenschraube HS50/30-M16x040-A4-5	75	ST	HS Befestig.
OCL Material (General)	K274	A2V00001856754	Telescopic cap TSW 55-1-G121	Teleskopkappe TSW 55-1-G121	620	ST	Ulrich Scholz
OCL Material (General)	K275	A2V00001856753	Screw protection cap SW 65-1-G123	Schraubenschutzkappe SW 65-1-G123	1,050	ST	Ulrich Scholz
OCL Material (General)	E596	A2V00001904163	LIN:HS12-T-GALZN	Holo-Bolt HB M12x60	80	ST	Pfeiffer
OCL Material (General)	PARRB-36G	A2V00001298469	schwarz	PARRB-36G		M	
OCL Material (General)	PARRB-70G	A2V00001105895	PARRB-70G	PARRB-70G	120	M	Reku 1824436
OCL Material (General)	PQE:GPN270-R-12060-3	A2V00001814418	Stopper rectangular 120x60x3	Rechteckstopfen 120x60x3	60	ST	Pöppelmann
OCL Material (General)	S576	A2V0000187071757	Halfen screw HS 28/15 M8x25 4.6 GV	Halfenschraube HS 28/15 M8x25 4.6 GV	144	ST	Pfeiffer
OCL Material (General)	5DF2203	A2V00001070335	special rubber-insulated wire	Sonder-Gummijaderleitung	9,100	M	Prysmian
OCL Material (General)	N2X2Y-O 1X150 0.6/1kV	A2V00001875102	Cable N2X2Y-O 1x150 RM 0.6/1 (12) kV	Kabel N2X2Y-O 1x150 RM 0.6/1 (12) kV	800	M	Prysmian
OCL Material (General)	RAY:MWTM-35/12-1000/172-0	A2V00001118181	Shrink hose MWTM-35/12-1000/172-0	Schrumpfschlauch mit Kleber.	3,10	M	Rayquick, 500509
OCL Material (General)	RAY:MWTM-95/29-1000/172-0	A2V00001104871	Shrink hose	Schrumpfschlauch mit Kleber.	50	ST	Rayquick, 500509
OCL Material Alu Tubes L=8.0m	8WL2161-0 DBB:202016X-01	A2V00001162099	Aluminium tube 26x3.5 DIN EN 755 L=8.0m	Aluminiumrohr 26x3.5 DIN EN 755 L=8.0m	320	M	Weseralu, 3201837457
OCL Material Alu Tubes L=8.0m	8WL2165-0 DBB:202016X-02	A2V00001162100	Aluminium tube 42x4.0 DIN EN 755 L=8.0m	Aluminiumrohr 42x4.0 DIN EN 755 L=8.0m	320	M	Weseralu, 3201837457
OCL Material Alu Tubes L=8.0m	8WL2167-0 DBB:202016X-03	A2V00001162101	Aluminium tube 55x6.0 DIN EN 755 L=8.0m	Aluminiumrohr 55x6.0 DIN EN 755 L=8.0m	8,200	M	Weseralu, 3201837457
OCL Material Alu Tubes L=8.0m	8WL2170-0 DBB:202016X-04	A2V00001162102	Aluminium tube 70x6.0 DIN EN 755 L=8.0m	Aluminiumrohr 70x6.0 DIN EN 755 L=8.0m	536	M	Weseralu, 3201837457
OCL Material Constructions (steel components)	D.0215-EL-J4211-C001	A2V00001837702	Connection angle	Anschlusswinkel	22	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4211-C002	A2V00001902631	Connection angle track side cabinet	Verbindungswinkel für	18	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4211-C003	A2V00001902629	Connection plate track side cabinet	Verbindungsplatte für	10	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4211-E001	A2V00001814812	Hook end clamp for GRP steady arm	Gelenkhaken für GFK Seitenhalter	1,520	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4211-E002	A2V00001833912	Packer for strain relief (1 cable)	Einlage für Zugentlastung (1 Kabel)	71	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4211-E003	A2V00001833741	Packer for strain relief (2 cables)	Einlage für Zugentlastung (2 Kabel)	36	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4211-E004	A2V00001833742	Cover	Abdeckung	56	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4211-E005	A2V00001833743	Fixing for cover	Befestigung für Abdeckung	55	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4211-E006	A2V00001868041	Cover for spherical plain bearings	Deckel für Gelenklager	6	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4211-E007	A2V00001876305	U-bolts M8	Bügelerschraube M8	25	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4211-E008	A2V00001877099	Suspension strap	Aufhängungsstange	63	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4211-K001	A2V00001833745	Stopper rectangular for cable guide	Rechteckstopfen für Kabelführung	58	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4211-S001	A2V00001814783	Connection strap for backstay anchor	Verbindungsstange für Mastanker	447	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4211-S002	A2V00001835541	Fixing part for pull-off	Befestigungsteil für Bogenabzug	17	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4211-S003	A2V00001915458	Tube clamp	Rohrhalter	11	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4215-E001	A2V00001854895	Eye screw M16x240 (r welded)	Osenschraube M16x240 (geschweißt)	130	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4215-S001	A2V00001814813	Bracket for overhead contact line	Universalbefestigungsteil	1,157	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4215-S003	A2V00001814815	Fixing part for backstay anchor	Befestigungswinkel für Mastanker	80	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4215-S004	A2V00001837203	Fixing part for surge arrester	Befestigungsteil für	20	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4215-S005	A2V00001838201	Drop bracket under bridges	Hängesäule unter Brücken	5	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4215-S006	A2V00001840000	Fixing part for linkage	Befestigungsteil für Gestängeführung	85	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4215-S007	A2V00001858008	Weight set 400 kg	Gewichtssatz 400 kg	30	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4215-S008	A2V00001870563	Drop bracket under work shop door	Hängesäule unter Depothallentor	11	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4215-S009	A2V00001878456	Fixing parts for linkage in workshop	Befestigungsteil für Gestängeführung	32	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4215-S010	A2V00001876459	Bracket for locking	Befestigungsteil für Verriegelung	8	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4215-S011	A2V00001915457	Cover for voltage limiter	Schutz für Spannungssicherung	6	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4215-S012	A2V00001916386	Fixing part for control box	Befestigungsteil für Kontrollbox	6	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4221-S001	A2V00001822948	Angle 80x80x10	Winkel 80x80x10	15	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4221-S002-A	A2V00001840002	Fixing angle for pull-offs	Befestigungswinkel für Bogenabzüge	1	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4221-S002-B	A2V00001840058	Fixing angle for pull-offs	Befestigungswinkel für Bogenabzüge	1	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4221-S003	A2V00001868199	Angle 80x80x10x220	Winkel 80x80x10x220	6	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4221-S005	A2V00001876461	Fixing angle for fixed termination	Befestigungswinkel für feste Abführung	6	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4225-S001	A2V00001869475	Clamp angle	Klemmwinkel	35	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4251-E001	A2V00001868042	Distance tube for spherical plain	Distanzrohr für Gelenklage	4	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4251-E002	A2V00001868043	Distance tube L=60mm for spherical	Distanzrohr L=60mm für Gelenklager	4	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4311-S001	A2V00001814876	Bracket 1 for double cantilever	Traverse 1 für Doppelausleger	191	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4311-S002	A2V00001814877	Bracket 2 for double cantilever	Traverse 2 für Doppelausleger	64	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4311-S003	A2V00001822949	Bracket 3 for double cantilever	Traverse 3 für Doppelausleger	10	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4311-S004	A2V00001822950	Bracket 4 for double cantilever	Traverse 4 für Doppelausleger	4	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4311-S005	A2V00001822951	Support for cantilever swivel bracket	Stütze für Ausleger-Gelenkbock	15	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4311-S006	A2V00001838702	Bracket for disconnecter	Konsole für Schalter am Stahlrundmast	16	ST	Südform neu

Details OCL Material

Category	8WL	A2V	Description - English	Description - German	Ordered	Unit	Supplier
OCL Material Constructions (steel components)	D.0215-EL-J4311-S007	A2V00001840061	Bracket 5 for double cantilever	Traverse 5 für Doppelausleger	4	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4311-S008	A2V00001840057	Bracket for manual operating mechanism	Befestigungsteil für Handantrieb	18	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4311-S009	A2V00001868196	Support for bipolar disconnector	Konsole für Bipolarschalter	3	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4311-S010	A2V00001868198	Lever arm	Hebelarm	3	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4311-S011	A2V00001876463	Bracket for disconnector in workshop	Konsole für Schalter in Depothalle	8	ST	Südform neu
OCL Material Constructions (steel components)	D.0215-EL-J4311-S012	A2V00001876464	Bracket for manual operating mechanism workshop	Befestigungsteil für Handantrieb	8	ST	Südform neu
OCL Material Isolators SEFAG	8WL3088-1A	A2V0000173136	Composite insulator 3kV DC L=300	Verbundisolator 3kV DC L=300	447	ST	PFISTERER SEFAG 1824411