

DETAILED TECHNICAL DESIGN


DPS1 ÜLEMISTE-KANGRU

**OU0478 110 KV ELECTRICITY
L005/L006A TITLE PAGE AND DOCUMENT LIST**




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<div>LEPING Nr. / CONTRACT No. 2023-K063</div> <div>PROJEKTI Nr. / PROJECT No. RBDTDEEDS2DPS1</div> <div><div><div><div></div><div></div><div></div></div><div>Rail Baltica</div></div></div> <div>KUJUNDUSE NIMI / DESIGN NAME</div> <div>Eleringi Järveküla piirkonna õhuliinide L006A/L005, L100B/ RB raudteega ristumiste ümberehitus</div> <div>Reconstruction of crossings of overhead lines L006A/L005, L100B/ in Elering's Järveküla area with the RB railway</div> <div>ARHIIV Nr. / ARCHIVE No. 10630</div>	<div>TELLIJA / CLIENT</div> <div>RAIL BALTIC ESTONIA OÜ Veskiposti 2/1 10138 Tallinn +372 6256342 www.rbestonia.ee Register code: 12734109</div>	<div>TÖÖVÕTJA / CONTRACTOR</div> <div><div><div></div><div>LEONHARD WEISS</div></div><div>LEONHARD WEISS OÜ Vesse 8, 11415 Tallinn +372 601 2285 www.leonhard-weiss.ee Register code: 12083348</div></div>	<div>DATA / DATE</div> <div>10.04.2023</div>	<div>DOKUMENDI STATUS / DOCUMENT STATUS</div> <div>ESITATUD KINNITAMISEKS / ISSUED FOR APPROVAL</div>												<div>DOKUMENDI NIMI / DOCUMENT NAME</div> <div>TIITELLEHT JA DOKUMENDI LOETELU / TITLE PAGE AND DOCUMENT LIST</div>											
			<div>KUTSE. / QUALIF.</div>	<div>NIMI / NAME</div>	<div>ALLKIRI / SIGN.</div>	<div>PROJEKTI KOOD / PROJECT CODE</div>			<div>ASUKOHT / LOCATION</div>			<div>DISTSIPLIINI KOOD / DISCIPLINE CODE</div>		<div>EST / ENG</div>													
			<div>KOOSTAJA ORIGINATOR</div>	<div>M. Kapanen</div>		<div>PROJEKT ID PROJECT ID</div>	<div>LÕIGU ID SECTION ID</div>	<div>ALALÕIGU ID SUB-SECT. ID</div>	<div>OSA SÜSTEEM VOL. SYST.</div>	<div>TSOON ZONE</div>	<div>ASUKOHT LOCATION</div>	<div>RBR KOOD RBR CODE</div>	<div>KOHALIK KOOD LOCAL CODE</div>	<div>PROJEKTI ETAPP PROJECT STAGE</div>													
			<div>Dilpomeeritud elektrisener, tase 7 Dilpoiam Electrical Engineer, level 7</div>																								
			<div>KONTROLLIJA CHECKER</div>	<div>R.Kivistik</div>																							
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			<div>ÜLEVAATAJA REVIEWER</div>			<div>RBDTD-EE</div>	<div>DS2</div>	<div>DPS1</div>	<div>OU0478</div>	<div>ZZ</div>	<div>0009</div>	<div>HV</div>	<div>ELK</div>	<div>TP / DTD</div>													
			<div>KOOSKÖLASTAJA APPROVER</div>			<div>DOKUMENDI KOOD / DOCUMENT CODE</div>							<div>LEHEKÜLG / PAGE</div>	<div>LEHED / PAGES</div>	<div>REVISIOON / REVISION</div>												
						<div>RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_ID_HV-ELK_DTD_001001_Title-page-doc-list.docx</div>							<div>1</div>	<div>3</div>	<div>001</div>												

 Coordinated by RB Rail	Tööprojekt / Detailed Technical Design Ver 1 – 09.11.2023	L006A Iru-Järveküla ja L005 Iru-Järve 110 kV õhuliinide ümberehitus mastivahemikus 52-53 Reconstruction of L005 Iru-Järveküla and Iru-Järve 110kV overhead lines between towers 52-53
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Jrk nr	Dokumendi nimetus	Document name	Faili nimetus.pdf / File name.pdf	Lehti / Pages
1	Ülddokumendid, Seletuskiri	Explanatory leter, Reports		
1.1	Tiitelleht ja dokumentide loetelu	Title page and Document list	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_ID_HV-ELK_DTD_001001_Title-page-doc-list	3
1.2	Seletuskiri	Explanatory letter	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_RP_HV-ELK_DTD_301001_Explanatory-letter	8
1.3	Tehnilised lähteandmed	Technical Source Data	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_RP_HV-ELK_DTD_301002_Technical-source-data	5
1.4	Anti-Ice lahendus	Anti-ice solution	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_RP_HV-ELK_DTD_301003_L006A-L005-Anti-Ice-solution	4
1.5	Mastitabel	Tower table	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_RP_HV-ELK_DTD_801001_Tower-Table	2
1.6	Maanduste tabel	Grounding table	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_RP_HV-ELK_DTD_801002_L006A-L005-Grounding-table	3
2	Joonised	Drawings		
2.1	Asendiplaan	Position plan	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D1_HV-ELK_DTD_402001_Position-Plan-L006A-L005	1
2.2	Profiil	Profile	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D3_HV-ELK_DTD_601001_110kV-Profile-L006A-L005	1
2.3	Faseeringu skeem	Phase schematic	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D2_HV-ELK_DTD_501001_Phase-schematic	1
2.4	Optika skeem	OPGW schematic	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D2_HV-ELK_DTD_501002_OPGW-overview	1
2.5	Vundamentide skeemid	Foundation drawings	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D4_HV-ELK_DTD_701001_Foundation-Drawings	1
2.6	Maanduse skeem	Tower grounding scheme	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D4_HV-ELK_DTD_701001_Grounding-drawings	1
2.7	11T9T masti üldjoonis	11T9T tower general drawing	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D4_HV-ELK_DTD_702001_11T9T-General-Drawing	1
2.8	11T9T masti õhkvahemikud	11T9T tower clearances	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D4_HV-ELK_DTD_702002_11T9T-Clearances	1
2.9	11T9T mõõdud	11T9T dimensions	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D4_HV-ELK_DTD_702003_11T9T-Dimensions	1
2.10	11T9T turvaredelid	11T9T Safety ladders	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D4_HV-ELK_DTD_702004_11T9T-Safety-Ladder	1
2.11	11T9T mastitähised	11T9T tower markings	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D4_HV-ELK_DTD_702005_11T9T-tower-markings	1
2.12	11T9T OPGW tarvikud	11T9T OPGW accessories	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D4_HV-ELK_DTD_702006_11T9T-OPGW-accessories	1
2.13	ACSR DUCK kandekett	ACSR DUCK suspensioon set	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D4_HV-ELK_DTD_703001_110S-DUCK	1
2.14	ACSR DUCK kandekett – pikendatud lekkerajaga	ACSR DUCK suspensioon set – extended creepage path	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D4_HV-ELK_DTD_703002_110SEC-DUCK	1
2.15	ACSR DUCK ankrukett	ACSR DUCK tension set	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D4_HV-ELK_DTD_703003_110T-DUCK	1
2.16	ACSR DUCK ankrukett – pikendatud lekkerajaga	ACSR DUCK tension set – extended creepage path	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D4_HV-ELK_DTD_703004_110TEC-DUCK	1
2.17	ACSR DUCK paralleelklemm	ACSR DUCK paralel clamp	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D4_HV-ELK_DTD_703005_Parallel-clamp-DUCK	1

DOKUMENDI KOOD / DOCUMENT CODE	LEHEKÜLG / PAGE	LEHED / PAGES	REVISIOON / REVISION
RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_ID_HV-ELK_DTD_001001_Title-page-doc-list.docx	2	3	001

 Coordinated by RB Rail	Tööprojekt / Detailed Technical Design Ver 1 – 09.11.2023	L006A Iru-Järveküla ja L005 Iru-Järve 110 kV õhuliinide ümberehitus mastivahemikus 52-53 Reconstruction of L005 Iru-Järveküla and Iru-Järve 110kV overhead lines between towers 52-53
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2.18	ACSR DUCK 2x ankrukett pikendatud lekkerajaga	ACSR DUCK 2x tension set extended creepage path	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D4_HV-ELK_DTD_703006_2x110TEC-DUCK	1
2.19	OPGW ankrukett	OPGW tension set	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D4_HV-ELK_DTD_703007_OPGW-Tension-Set	1
2.20	OPGW ankrukinnitus kandemastile	OPGW tension set for suspension tower	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D4_HV-ELK_DTD_703008_OPGW-Tension-Set-forST	1
2.21	ACSR DUCK 2x 110 kV ankrukett	ACSR DUCK 2x 110 kV tension set	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D4_HV-ELK_DTD_703009_2x110T-DUCK	1
2.22	ACSR DUCK vibratsioonisummuti	ACSR DUCK vibration damper	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D4_HV-ELK_DTD_704001_ACSR-DUCK-vibration-damper	1
2.23	OPGW mastikinnitus	OPGW tower clamp	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D4_HV-ELK_DTD_704002_OPGW-tower-clamp	1
2.24	OPGW vibratsiooni summuti	OPGW vibration damper	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D4_HV-ELK_DTD_704003_OPGW-vibration-damper-15-5	1
2.25	OPGW jätkukarp	OPGW joint box	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D4_HV-ELK_DTD_704004_OPGW-joint-box	1
2.26	OPGW varutrummel	OPGW reserve drum	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D4_HV-ELK_DTD_704005_OPGW-reserve-drum	1
2.27	Olemasoleva OPGW tooteleht	Existing OPGW datasheet	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D4_HV-ELK_DTD_704006_Existing-OPGW-datasheet	1
2.28	Anti-ice lahendus joonis	Anti-ice solution drawing	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D4_HV-ELK_DTD_704007_Anti-Ice-solution	1
2.29	Anti-ice spiraalsidemed	Anti-ice spiral rods	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_D4_HV-ELK_DTD_704008_Anti-Ice-spiral-rods	1
3	Mahuaruanded	Bill of Quantities		
3.1	Isolaatorketid	Fittings table	RBDTD-EE-DS2-DPS2_LWE_OU0478-ZZ_0014_RP_HV-ELK_DTD_801001_-Fittings-table	4
3.2	Demontaaži mahud	Disassembly specification	RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_BQ_HV-ELK_DTD_801002_Disassembly-specification	2

DOKUMENDI KOOD / DOCUMENT CODE	LEHEKÜLG / PAGE	LEHED / PAGES	REVISIOON / REVISION
RBDTD-EE-DS2-DPS1_LWE_OU0478-ZZ_0009_ID_HV-ELK_DTD_001001_Title-page-doc-list.docx	3	3	001