

## SFP tinklo modulių pirkimo techninė specifikacija

### 1. PIRKIMO OBJEKTAS

1.1. Pirkimo objektas – SFP tinklo modulių pirkimas. (toliau - Prekės)

### 2. PIRKIMO OBJEKTO PRITAIKYMO SRITIS

2.1. Paslaugų paskirtis – užtikrinti tinkamą AB „Lietuvos geležinkeliai“ duomenų perdavimo, technologinio ir eismo valdymo ryšio tinklo veikimą bei funkcionalumą.

### 3. TECHNINIAI REIKALAVIMAI, KURIUOS TURI ATITIKTI PREKĖS

3.1. Pirkimo objekto savybės, funkciniai reikalavimai:

Eil. Nr.	Techniniai parametrai	Mato vnt.	Preliminarus prekių poreikis metams
1	2	3	4
1	1G multi-mode 850nm 550m	vnt.	10
2	1G single-mode 1310nm 10km	vnt.	5
3	STM-1 multi-mode 1310nm 2km a	vnt.	5
4	STM-16 single-mode 1310nm 10km	vnt.	10
5	STM-1 multi-mode 1310nm 2km	vnt.	5
6	10G-SFP-300-MS MSA (Multi-Source Agreement) compatible Double Fiber 10G SFP+ Module (Tx/Rx 850/850nm, 1.25-10.31 Gbps, Max. 300m over MMF, 4.6 dB, Temp. 0-70C)	vnt.	15
7	1.25G-SFP-550D-MS MSA (Multi-Source Agreement) compatible Double Fiber 1.25G SFP Module (Tx/Rx 850/850nm, 1.063 1.25Gbps, Max. 550m over MMF, 9 dB, Temp. 0-70C)	vnt.	10
8	1.25G-SFP-20D-MS MSA (Multi-Source Agreement) compatible Double Fiber 1.25G SFP Module (Tx/Rx 1310/1310nm, 1.063 1.25Gbps, Max. 20km over SMF, 15 dB, Temp. 0-70C)	vnt.	5
9	10G-SFP-300-MS MSA (Multi-Source Agreement) compatible Double Fiber 10G SFP+ Module (Tx/Rx 850/850nm, 1.25-10.31 Gbps, Max. 300m over MMF, 4.6 dB, Temp. 0-70C)	vnt.	10
10	1.25G-SFP-550D-MS MSA (Multi-Source Agreement) compatible Double Fiber 1.25G SFP Module (Tx/Rx 850/850nm, 1.063-1.25Gbps, Max. 550m over MMF, 9 dB, Temp. 0-70C)	vnt.	10
11	Nortel STM-1 SFP	vnt.	5
12	Nortel STM-4 SFP	vnt.	5
13	Nortel STM-16 SFP	vnt.	5
14	Nortel STM-64 SFP	vnt.	5
15	Dell 1000BASE-LX/LH SFP 1310nm 10 km	vnt.	5
16	Dell 1000BASE-SX 550nm	vnt.	5
17	Cisco GLC-BX-10D Compatible 1000BASE-BX BiDi SFP 1550nm-TX/1310nm-RX 20km,	vnt.	5
18	Cisco GLC-BX-10U Compatible 1000BASE-BX BiDi SFP 1310nm-TX/1550nm-RX 20km,	vnt.	5
19	Cisco 1000BASE-SX SFP	vnt.	5
20	Cisco 1000BASE-LX/LH SFP	vnt.	20
21	Cisco 10G-SR SFP+	vnt.	10
22	Cisco 10G-LR SFP+	vnt.	10
23	Cisco 1000BASE-T SFP	vnt.	30
24	Cisco SFP-10G-BXD-I SFP+ BiDi 20 km	vnt.	5

25	Cisco SFP-10G-BXU-I SFP+ BiDi 20 km	vnt.	5
26	Dell Networking 10GBASE-SR SFP+ 850nm	vnt.	5
27	Dell Networking 10GBASE-LR SFP+ 1310nm	vnt.	5
28	SFP RJ45 1000BaseT (Dell S5248F-ON)	vnt.	176
29	SFP MM doubleLC 1000BASE-SX (Dell S5248F-ON)	vnt.	18
30	SFP MM doubleLC 1000BASE-SX (HP 5406zl J8697A)	vnt.	4
31	SFP MM doubleLC 1000BASE-SX (Nortel 8010co (5.1.5.1)	vnt.	2
32	SFP MM doubleLC 1000BASE-SX (PaloAlto PA-5020)	vnt.	4
33	SFP SM doubleLC min 15km 1000Base-LX(Dell S5248F-ON)	vnt.	1
34	SFP SM doubleLC min 15km 1000Base-LX (Cisco 3850-12S)	vnt.	1
35	SFP+ MM doubleLC 10Gbase-SR (Dell S5248F-ON)	vnt.	41
36	SFP+ MM doubleLC 10Gbase-SR (Alcatel Omniswitch 6860)	vnt.	3
37	SFP+ MM doubleLC 10Gbase-SR (Dell N3048ET-ON)	vnt.	4
38	SFP+ MM doubleLC 10Gbase-SR (FS FMT4DL-OEO10GSFP)	vnt.	4
39	SFP+ MM doubleLC 10Gbase-SR (HP A5800 )	vnt.	2
40	SFP+ MM doubleLC 10Gbase-SR (IBM Flex System Fabric EN4093R )	vnt.	8
41	SFP+ CWDM 10G 40km SM 1430nm (FS FMT4DL-OEO10GSFP)	vnt.	1
42	SFP+ CWDM 10G 40km SM 1450nm (FS FMT4DL-OEO10GSFP)	vnt.	1
43	SFP+ CWDM 10G 40km SM 1510nm (FS FMT4DL-OEO10GSFP)	vnt.	1
44	SFP+ CWDM 10G 40km SM 1530nm (FS FMT4DL-OEO10GSFP)	vnt.	1

#### **4. DOKUMENTAI, REIKALINGI PIRKIMO OBJEKTO TECHNINĖMS SAVYBĖMS IR KOKYBEI PATVIRTINTI**

4.1. PVM sąskaita-faktūra ir prekių priėmimo-perdavimo aktas.