

Appendix2

For the requirements of Crnogorski Telekom, it needs to be performed capacity expansion for 9216 ports on Ericsson EDA equipment, with the total of 108 locations on the territory of Montenegro.

Capacity expansion considers the expansion at already existing locations. Crnogorski Telekom reserves the right to request from the provider assembly up to 5 new hubs for the duration of the contract. New hub includes a location where there is currently no ADSL nodes/lines..

Expansion needs to be performed by the procedures of Crnogorski Telekom, and in accordance with the list from this addendum. Possible interventions on MDF's and positioning of BYB 501 have to be executed only in compliance with authorized representative of Crnogorski Telekom.

RESPONSIBILITIES OF THE BIDDER

1. Taking the equipment from storage facilities of Crnogorski Telekom (Podgorica)
2. Transport of employees, equipment and material to defined locations (except BYB 501 rack locker).
3. MDF adjustments to make installing new ports possible (Eventual adding of new Ericsson or Krone).
4. Ericsson EDA equipment installation
5. Rack locker installation (if necessary)
6. Putting power cable to the place where DC exists
7. Putting UTP cable from ECN 330 to the switch
8. Testing installed equipment
9. Change of dynamics of work, in accordance with the needs of Crnogorski Telekom
10. Creating and delivering daily reports

EQUIPMENT

Expansion of Ericsson ADSL ports will be performed exclusively by using Ericsson ADSL equipment, as listed:

- EDN-288xi, EDN288xi IP DSLAM HW, SW (288 lines)
- KDU 137 365, ECN Ethernet Controller Node
- BFB 401 05/B11, EDN 312 xi, ADSL 2+ ISDN
- EDN 288 xi subrack
- RNV 899 125, Edge connector 2x24 units
- NTM 101 0247, Edge connectors covers
- TEN 250 3402/012, ENKX, 12x12x0.4 mm
- NTM 101 0205, Tooling kit for installation of EDA
- BYB 501 Cabinet frame (23/BYB 501 180, 17/BYB 501/2, 10/BYB 501 180/2, 16/BYB 501, 11/BYB 501 180, 18/BYB 501/4)

Crnogorski Telekom will provide 4 toolkits for installation of EDN 312 xi.

LOCATIONS AND CAPACITIES

Locations and capacities which need to be performed can be found in the table:

	Name of the location	Number of ports that should be installed	Number of modules EDN 312xi which should be added	Number of ECN 330 which should be added	BYB 501
	AN RSS TREPCA	0	0	0	Not defined now
1	AN TKC ANDRIJEVICA	12	1	0	Not defined now
	BR TKC BAR	0	0	0	Not defined now
	BR RSS SUTOMORE	0	0	0	Not defined now
	BR RSS BRCA	0	0	0	Not defined now
	BR RSS ZAGRAĐE	0	0	0	Not defined now
2	BR RSS PECURICE	48	4	0	Not defined now
	BR RSS DOBRE VODE	0	0	0	Not defined now
	BR RSS CELUGA	0	0	0	Not defined now
	BR RSS POPOVICI	0	0	0	Not defined now
	BR RSS CANJ	0	0	0	Not defined now
	BR RSS ILINO1	0	0	0	Not defined now
	BR RSS ILINO2	0	0	0	Not defined now
	BR RSS STARA RASKRSNICA	0	0	0	Not defined now
	BR RSS ŠUŠANJ I	0	0	0	Not defined now
3	BA TKC BERANE	336	28	1	Not defined now
4	BA RSS PETNJIK	24	2	0	Not defined now
5	BA RSS DOLAC	24	2	0	Not defined now
6	BA RSS LUŽAC	12	1	0	Not defined now
	BA RSS ZAOSTRO	0	0	0	Not defined now
7	BP TKC BIJELO POLJE	60	5	0	Not defined now
	BP RSS RAVNA RIJEKA	0	0	0	Not defined now
8	BP RSS POTKRAJCI	36	3	0	Not defined now
9	BP RSS NEDAKUSI	12	1	0	Not defined now
10	BP RSS DOBRAKOVO	12	1	0	Not defined now
11	BP RSS RASOVO	84	7	0	Not defined now
12	BP RSS LJEŠNICA	36	3	0	Not defined now
13	BP RSS MEDANOVICI	12	1	0	Not defined now
14	BP RSS ZAIMOVICA LIVADE	12	1	0	Not defined now

15	BP RSS RAKONJE	12	1	0	Not defined now
16	BP RSS NIKOLJAC	12	1	0	Not defined now
17	BD TKC BUDVA	96	8	1	Not defined now
	BD RSS VELJI VINOGRADI	0	0	0	Not defined now
18	BD RSS PETROVAC	120	10	1	Not defined now
19	BD RSS PRŽNO	24	2	0	Not defined now
	BD RSS LASTVA GRBALJSKA	0	0	0	Not defined now
	BD RSS PRIJEVOR	0	0	0	Not defined now
	BD RSS ROZINO	0	0	0	Not defined now
	BD RSS LAPCICI	0	0	0	Not defined now
	BD RSS BECICI	0	0	0	Not defined now
20	CT TKC CETINJE	324	27	1	Not defined now
	CT RASM BAJICE	0	0	0	Not defined now
	CT RASM GRUDA	0	0	0	Not defined now
21	DGR RASM SPUŽ	24	2	0	Not defined now
22	DGR RASM NOVO SELO	12	1	0	Not defined now
	DGR RASM VELJE BRDO	12	1	0	Not defined now
24	DGR RASM PRICELJE	12	1	0	Not defined now
25	DGR RASM MARTINICI	12	1	0	Not defined now
26	DGR RASM LAZINE	24	2	0	Not defined now
	DGR TKC DANILOVGRAD	96	8	1	Not defined now
28	HN TKC HERCEG NOVI	120	10	0	Not defined now
29	HN RSS SUTORINA	12	1	0	Not defined now
30	HN RSS BIJELA	24	2	0	Not defined now
31	HN RSS NJIVICE	12	1	0	Not defined now
	HN RSS KAMENARI	0	0	0	Not defined now
	HN RSS BAOŠICI	0	0	0	Not defined now
	HN RSS ĐENOVICI	0	0	0	Not defined now
	HN RSS ZELENKA	0	0	0	Not defined now
	HN RSS IGALO	0	0	0	Not defined now
	HN RSS GOMILA	0	0	0	Not defined now
	HN RSS BIJELA ŠKOLJKA	0	0	0	Not defined now
	HN RSS KUMBOR	0	0	0	Not defined now
	HN RSS TOPLA	0	0	0	Not defined now
	HN RSS SAVINA	0	0	0	Not defined now
	HN RSS MELJINE	0	0	0	Not defined now
	HN RSS KUTI	0	0	0	Not defined now
	HN RSS PODI	0	0	0	Not defined now

32	HN RSS DEBELI BRIJEG	12	1	0	Not defined now
33	HN RSS TOPLA2	24	2	0	Not defined now
	KLŠ TKC KOLASIN	0	0	0	Not defined now
	KLŠ RSS DRIJENAK	0	0	0	Not defined now
34	KO TKC KOTOR	240	20	1	Not defined now
	KO RSS RADANOVICI	0	0	0	Not defined now
35	KO RSS SVETA VRACA	120	10	0	Not defined now
36	KO RSS SVETI STASIJE	96	8	1	Not defined now
	KO RSS PERAST	0	0	0	Not defined now
	KO RSS MORINJ	0	0	0	Not defined now
	KO RSS RISAN	0	0	0	Not defined now
	KO RSS ORAHOVAC	0	0	0	Not defined now
	KO RSS MUO	0	0	0	Not defined now
37	KO RSS PRCANJ	24	2	0	Not defined now
	KO RSS MARKOV RT	0	0	0	Not defined now
	KO RSS STOLIV	0	0	0	Not defined now
38	KO RSS PLAGENTI	48	4	1	Not defined now
39	KO RSS INDUST. ZONA	24	2	0	Not defined now
40	KO RSS TROJICA	24	2	0	Not defined now
41	MOJ TKC MOJKOVAC	96	8	0	Not defined now
42	MOJ RSS PODBIŠČE	12	1	0	Not defined now
43	NK TKC NIKŠIČ	360	30	1	Not defined now
44	NK RSS NIKŠIČ	120	10	0	Not defined now
	NK RSS BROD	0	0	0	Not defined now
45	NK RSS CEMENCA	48	4	0	Not defined now
46	NK RSS INTEGRAL	48	4	0	Not defined now
47	NK RSS ŽUPA	12	1	0	Not defined now
48	NK RSS KLICEVO	96	8	0	Not defined now
49	NK RSS RUBEŽA	24	2	0	Not defined now
	NK RSS OZRINICI	0	0	0	Not defined now
50	NK RSS VIDROVAN	12	1	0	Not defined now
51	NK RSS KOCANI	24	2	0	Not defined now
	NK RSS RASTOCI	0	0	0	Not defined now
52	PLA TKC PLAV	144	12	0	Not defined now
53	PLA RASM GUSINJE	48	4	0	Not defined now
54	PLA RASM MURINO	12	1	0	Not defined now
	PLA RASM VUSANJE	0	0	0	Not defined now
55	PLA RASM MARTINOVICE	24	2	0	Not defined now
	PLA RASM METEH	0	0	0	Not defined now
56	PV TKC PLJEVLJA	120	10	1	Not defined now
57	PV RSS ODŽAK	12	1	0	Not defined now

58	PV RSS ZABRDE	12	1	0	Not defined now
59	PV RSS MOCEVAC	48	4	0	Not defined now
	PV RSS ZLODO	0	0	0	Not defined now
	PV RSS POTRLICA	0	0	0	Not defined now
	PV RSS GREVO	0	0	0	Not defined now
60	PLU RSS PLUŽINE	24	2	0	Not defined now
61	PG EAR SPP	96	8	1	Not defined now
62	PG EAR VEKTRA	96	8	1	Not defined now
63	PG EAR CELEBIC	192	16	1	Not defined now
64	PG EAR DONJA GORICA	84	7	0	Not defined now
65	PG EAR TOLOŠI	240	20	1	Not defined now
66	PG EAR MALO BRDO	0	0	0	Not defined now
67	PG RSS VIRPAZAR	12	1	0	Not defined now
	PG RSS FARMACI	0	0	0	Not defined now
68	PG EAR KONIK 1	156	13	0	Not defined now
69	PG EAR STARI AERODROM	288	24	1	Not defined now
70	PG EAR ZABJELO	144	12	0	Not defined now
71	PG EAR IBRICEVINA	120	10	1	Not defined now
72	PG EAR KARABUŠKO POLJE	72	6	0	Not defined now
73	PG RSS CIJEVNA	48	4	0	Not defined now
74	PG RSS GOLUBOVCI	96	8	0	Not defined now
75	PG RSS TUZI	96	8	0	Not defined now
76	PG RSS MATAGUŽI	36	3	0	Not defined now
77	PG RSS SUKURUC	12	1	0	Not defined now
78	PG EAR ZAGORIC 1	84	7	0	Not defined now
79	PG EAR PLANTAŽE	60	5	0	Not defined now
80	PG EAR ROGAMI	36	3	0	Not defined now
81	PG EAR ZAGORIC 2	96	8	1	Not defined now
	PG EAR GORNJA GORICA 1	0	0	0	Not defined now
82	PG EAR PETRA MATOVICA	216	18	1	Not defined now
83	PG EAR KONIK 2	216	18	0	Not defined now
84	PG EAR ELASTIK	120	10	0	Not defined now
85	PG EAR GORNJA GORICA 2	96	8	1	Not defined now
86	PG EAR ZLATICA KOM	96	8	0	Not defined now
87	PG EAR GORICA C	60	5	1	Not defined now
88	PG EAR OPŠTINA (CENTAR)	60	5	1	Not defined now
89	PG EAR MASLINE	120	10	0	Not defined now

90	PG EAR ZABJELO 9	0	0	1	Not defined now
91	PG MTC	180	15	1	Not defined now
92	PG TC Podgorica	864	72	3	nije definisano
93	PG EAR NORMAL	216	18	1	nije definisano
94	PG EAR AERODROM	0	0	0	nije definisano
95	PG EAR DELTA	72	6	0	nije definisano
96	RO TKC ROZAJE	156	13	0	nije definisano
	RO RSS SKAREPACA	0	0	0	nije definisano
	RO RSS BAC	0	0	0	nije definisano
97	ŠAV TKC SAVNIK	24	2	0	nije definisano
98	TIV TKC TIVAT	576	48	2	nije definisano
99	TIV RASM GRADIOŠNICA	36	3	0	nije definisano
100	TIV RASM DONJA LASTVA	36	3	0	nije definisano
	TIV RASM LEPETANI	0	0	0	nije definisano
101	UL TKC ULCINJ	72	6	0	nije definisano
102	UL RSS VELIKA PLAŽA	36	3	0	nije definisano
103	UL RSS ŠTOJ	60	5	0	nije definisano
104	UL RSS ZOGANJE	48	4	0	nije definisano
105	UL RSS VLADIMIR	72	6	1	nije definisano
106	UL RSS VLADIM.KRUTE	24	2	0	nije definisano
	UL RSS KRUCE	0	0	0	nije definisano
	UL RSS PINJEŠ	0	0	0	nije definisano
	UL RSS KOMUNALNO- KODRE	0	0	0	nije definisano
107	UL RSS STARA POŠTA	60	5	0	nije definisano
108	ŽAB TKC ZABLJAK	60	5	1	nije definisano
	UKUPNO	9216	768	31	

* Crnogorki Telekom holds the right to make changes in the table above, with the obligation of keeping the total amount of ports for the installation the same.