

2016 2016 Actual requirements for reference

Tier	Pledge Type	ALICE	ATLAS	CMS	LHCb	SUM
Tier 0	CPU (HEP-SPEC06)	215000	257000	317000	48000	837000
Tier 0	Disk (Tbytes)	16800	17000	16000	5800	55600
Tier 0	Tape (Tbytes)	21600	42000	44000	15000	122600
Tier 1	CPU (HEP-SPEC06)	157000	520000	400000	146000	1223000
Tier 1	Disk (Tbytes)	21000	47000	33000	14900	115900
Tier 1	Tape (Tbytes)	15600	116000	100000	25800	257400
Tier 2	CPU (HEP-SPEC06)	237000	566000	700000	81000	1584000
Tier 2	Disk (Tbytes)	26100	72000	38000	2800	138900

2017 - April 2017 Requirements as presented in April 2016

Tier	Pledge Type	ALICE	ATLAS	CMS	LHCb	SUM	Inc wrt 2016
Tier 0	CPU (HEP-SPEC06)	255000	300000	378000	61000	994000	1.19
Tier 0	Disk (Tbytes)	21400	20000	17800	8700	67900	1.22
Tier 0	Tape (Tbytes)	34400	53000	58000	22000	167400	1.37
Tier 1	CPU (HEP-SPEC06)	221000	682000	550000	189000	1642000	1.34
Tier 1	Disk (Tbytes)	25000	57000	49000	17700	148700	1.28
Tier 1	Tape (Tbytes)	28400	173000	135000	38800	375200	1.46
Tier 2	CPU (HEP-SPEC06)	275000	846000	750000	106000	1977000	1.25
Tier 2	Disk (Tbytes)	31300	78000	53000	3800	166100	1.20

2017 - Sept 2017 Requirements updated September 2016 with new LHC conditions

Tier	Pledge Type	ALICE	ATLAS	CMS	LHCb	SUM	Inc wrt April RRB
Tier 0	CPU (HEP-SPEC06)	349000	404000	423000	67000	1243000	1.25
Tier 0	Disk (Tbytes)	21700	25000	24600	10900	82200	1.21
Tier 0	Tape (Tbytes)	40000	77000	70500	25200	212700	1.27
Tier 1	CPU (HEP-SPEC06)	266000	921000	600000	207000	1994000	1.21
Tier 1	Disk (Tbytes)	24600	68000	57000	22100	171700	1.15
Tier 1	Tape (Tbytes)	34000	188000	175000	43300	440300	1.17
Tier 2	CPU (HEP-SPEC06)	380000	1125000	850000	116000	2471000	1.25
Tier 2	Disk (Tbytes)	28400	83000	68000	4700	184100	1.11

2018- Sept 2018 Requirements as updated in September 2016

Tier	Pledge Type	ALICE	ATLAS	CMS	LHCb	SUM	Inc wrt 2017
Tier 0	CPU (HEP-SPEC06)	422000	411000	428000	77000	1338000	1.08
Tier 0	Disk (Tbytes)	29500	27000	26100	12600	95200	1.16
Tier 0	Tape (Tbytes)	64000	105000	91000	33300	293300	1.38
Tier 1	CPU (HEP-SPEC06)	330000	949000	700000	242000	2221000	1.11
Tier 1	Disk (Tbytes)	33600	74000	72000	25800	205400	1.20
Tier 1	Tape (Tbytes)	58500	211000	230000	56100	555600	1.26
Tier 2	CPU (HEP-SPEC06)	472000	1160000	1000000	135000	2767000	1.12
Tier 2	Disk (Tbytes)	38600	91000	83000	6300	218900	1.19