

입찰사양서

1. 사업명 : 2022년 정기 디스크 증설

2. 도입 내역

구분	도입 대상	비고
2022년 정기운영 디스크 증설 (계정계 증설)	- 주센터 상품원장 등 디스크 증설(용량:Usable 373,922GB) - Hitachi VSP G1500, G1000 및 VSPG800, VSPG600 증설(총7대_운영6대, DR1대) - 구성관련 라이선스 제공(용량관리, 원격복제, 내부복제) - 구성관련 디스크 재배치 및 재구성 마이그레이션 제공 - Hitachi VSP E1090 신규2대(운영2대)(상품배치 재구성) - 구성관련 라이선스 제공(용량관리, 내부복제) - 구성관련 디스크 재배치 및 재구성 마이그레이션 제공	세부스펙 참조
2022년 정기운영 디스크 증설 (정보계 기타외 디스크 증설)	- 주센터 정보계 기타외 디스크 증설(용량:Usable 140,634GB) - Hitachi VSP G1000 및 VSPG600 증설(총15대_운영10대, DR5대) - 구성관련 라이선스 제공(용량관리, 원격복제, 내부복제) - 구성관련 디스크 재배치 및 재구성 제공	세부스펙 참조

3. 상기 2항의 세부 사양 구성 조건

- 상기 내역은 구입가격과 도입부대비용(마이그레이션, 재구성, 케이블포설)이 포함된 금액으로 제안을 요청함.
- 납품기간 : 발주일로부터 4주 이내
- 무상유지보수 조건 : 기기설치 후 H/W 3년간
- 유지보수료 : 계약금액의 년 8% 이내 별도 협의

<세부 스펙>

■ 상품원장 #1_(S/N51647), #2_(S/N51595) 디스크 증설

P/N	명세 및 규격	수량	비고
상품원장 #1			
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	상품원장#1(96)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	상품원장#1(3)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	상품원장#1(8)재구성
044-235001-020.P	VSPG1X00 SVOS 20TB Block	1	
044-235005-005.P	VSPG1X00 Remote Rplctn 5TB Block	1	
044-235005-010.P	VSPG1000 Remote Rplctn 10TB Block	1	
DKC-F810I-SBX.P	SFF Drive Chassis	1	
DKC-F810I-BUH.P	Drive Chassis Bezel	1	
DKC-F810I-PHUC.P	LFF/SFF Drive Chassis PowerCordKit(APAC)	2	
DKC-F810I-CC1.P	Back-end interface cable (2m)	2	
상품원장 #2			
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	상품원장#2(96)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	상품원장#2(3)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	상품원장#2(8)재구성
044-235001-020.P	VSPG1X00 SVOS 20TB Block	1	
044-235005-005.P	VSPG1X00 Remote Rplctn 5TB Block	1	
044-235005-010.P	VSPG1000 Remote Rplctn 10TB Block	1	
DKC-F810I-SBX.P	SFF Drive Chassis	1	
DKC-F810I-BUH.P	Drive Chassis Bezel	1	
DKC-F810I-PHUC.P	LFF/SFF Drive Chassis PowerCordKit(APAC)	2	
DKC-F810I-CC1.P	Back-end interface cable (2m)	2	

■ 신규 상품 백업_(S/N413660) 디스크 증설

P/N	명세 및 규격	수량	비고
HDW-F800-1R2JCM.P	VSP G 1.2TB 10K rpm SFF Disk Drive	32	
HDW-F800-1R2JCM.P	VSP G 1.2TB 10K rpm SFF Disk Drive	1	Spare Disk
DW-F800-DBS.P	VSP G Drive Box (SFF)	1	
043-100210-01.P	Power Cable 250VAC 10A IEC320-C14	2	
DW-F800-SCQ1.P	VSP G SAS Cable 1m	2	

■ 신규 상품테스트_(S/N413979) 디스크 증설

P/N	명세 및 규격	수량	비고
HDW-F800-1R2JCM.P	VSP G 1.2TB 10K rpm SFF Disk Drive	48	테스트
HDW-F800-1R2JCM.P	VSP G 1.2TB 10K rpm SFF Disk Drive	2	Spare Disk
HDW-F800-1R2JCM.P	VSP G 1.2TB 10K rpm SFF Disk Drive	48	개발
HDW-F800-1R2JCM.P	VSP G 1.2TB 10K rpm SFF Disk Drive	2	Spare Disk
HDW-F800-1R2JCM.P	VSP G 1.2TB 10K rpm SFF Disk Drive	48	연수
HDW-F800-1R2JCM.P	VSP G 1.2TB 10K rpm SFF Disk Drive	2	Spare Disk
DW-F800-DBS.P	VSP G Drive Box (SFF)	6	
043-100210-01.P	Power Cable 250VAC 10A IEC320-C14	12	
DW-F800-SCQ1F.P	VSP G SAS Cable 1.5m	12	

■ HDR02_(S/N50796) 상품DR 디스크 증설

P/N	명세 및 규격	수량	비고
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	HDR02(192)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	HDR02(5)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	HDR02(64)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	HDR02(2)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	HDR02(8)재구성
044-235001-040.P	VSPG1X00 SVOS 40TB Block	1	
044-235005-010.P	VSPG1X00 Remote Rplctn 10TB Block	1	
044-235005-020.P	VSPG1X00 Remote Rplctn 20TB Block	1	
DKC-F810I-SBX.P	SFF Drive Chassis	1	
DKC-F810I-BUH.P	Drive Chassis Bezel	1	
DKC-F810I-PHUC.P	LFF/SFF Drive Chassis PowerCordKit(APAC)	2	
DKC-F810I-CC1.P	Back-end interface cable (2m)	2	

■ 상품배치 #1_배치 분리 UVM 신규 구성

P/N	명세 및 규격	수량	비고
DKC-F810I-16FC16.P	16 port, 16Gbps Fibre Channel FED	1	
A34V-600-850-UNI.P	Universal rail kit	5	
043-100210-02-UL-S.P	POWER CORD IEC C14 TO IEC C13 250VAC 10A WORLDWIDE APPROVALS 0.7M	10	
E1090DKC-F910I-4HF32R.P	VSP E1090 Host I/O Module FC 16/32G 4port	8	
EDW-F850-1PS16.P	VSP EXX0 SFP for 16Gbps Shortwave	32	
E1090-B-BASE-E.P	VSP E1090 Base Package - Encrypted Cache	1	
EDW-F850-CBLFB2.P	VSP E Controller Bezel	1	
E1090DW-F1000-DBSE.P	2U SFF Drive Box (DBSE) - 2 Port Connectivity	4	
DW-F800-SCQ1F.P	VSP G SAS Cable 1.5m	8	
EDW-F1000-DBSFB2.P	2U Drive Box Front Bezel	4	
E1090-1T9MGMSP.P	VSP E1090 1.9TB SAS SSD Spare	3	
E1090DW-F1000-BS12G.P	Standard SAS Disk Adapter	1	
E1090-F-4X1T9MGM.P	VSP E1090 Base 4 x 1.9TB SAS SSD Package	20	
044-239235-03.P	VSP E1090 Remote Data Protection License	1	
048-239309-03.P	VSP E1090 Remote Data Protection Add'l License	152	
HDW-F800-FRAME.P	VSP G-FRAME 42U - 600x1200x2010 / no PDU	1	
HDW-F800-PDU.P	VSP G-FRAME PDU (1phase/12xC13)	2	

■ 상품배치 #2_배치 분리 UVM 신규 구성

P/N	명세 및 규격	수량	비고
DKC-F810I-16FC16.P	16 port, 16Gbps Fibre Channel FED	1	
A34V-600-850-UNI.P	Universal rail kit	5	
043-100210-02-UL-S.P	POWER CORD IEC C14 TO IEC C13 250VAC 10A WORLDWIDE APPROVALS 0.7M	10	
E1090DKC-F910I-4HF32R.P	VSP E1090 Host I/O Module FC 16/32G 4port	8	
EDW-F850-1PS16.P	VSP EXX0 SFP for 16Gbps Shortwave	32	
E1090-B-BASE-E.P	VSP E1090 Base Package - Encrypted Cache	1	
EDW-F850-CBLFB2.P	VSP E Controller Bezel	1	
E1090DW-F1000-DBSE.P	2U SFF Drive Box (DBSE) - 2 Port Connectivity	4	

DW-F800-SCQ1F.P	VSP G SAS Cable 1.5m	8	
EDW-F1000-DBSFB2.P	2U Drive Box Front Bezel	4	
E1090-1T9MGMSP.P	VSP E1090 1.9TB SAS SSD Spare	3	
E1090DW-F1000-BS12G.P	Standard SAS Disk Adapter	1	
E1090-F-4X1T9MGM.P	VSP E1090 Base 4 x 1.9TB SAS SSD Package	20	
044-239235-03.P	VSP E1090 Remote Data Protection License	1	
048-239309-03.P	VSP E1090 Remote Data Protection Add'l License	152	
HDW-F800-FRAME.P	VSP G-FRAME 42U - 600x1200x2010 / no PDU	1	
HDW-F800-PDU.P	VSP G-FRAME PDU (1phase/12xC13)	2	

■ 신UMS_(S/N10097) 디스크 증설

P/N	명세 및 규격	수량	비고
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	신UMS(12)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	신UMS(1)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	신UMS(8)재구성
DKC-F810I-SBX.P	SFF Drive Chassis	1	
DKC-F810I-BUH.P	Drive Chassis Bezel	1	
DKC-F810I-PHUC.P	LFF/SFF Drive Chassis PowerCordKit(APAC)	2	
DKC-F810I-CC1.P	Back-end interface cable (2m)	2	

■ ALM_(S/N50717) 디스크 증설

P/N	명세 및 규격	수량	비고
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	ALM(4)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	ALM(1)재구성

■ N_H01_(S/N50693) EAI,MCA 디스크 증설

P/N	명세 및 규격	수량	비고
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	N_H01(8)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	N_H01(1)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	N_H01(8)재구성

■ N_H11_(S/N50787) SSO 통합단말 디스크 증설

P/N	명세 및 규격	수량	비고
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	N_H11(48)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	N_H11(2)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	N_H11(8)재구성

■ N_H12_(S/N51778) Biz 디스크 증설

P/N	명세 및 규격	수량	비고
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	N_H12(112)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	N_H12(3)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	N_H12(8)재구성
044-235001-020.P	VSPG1X00 SVOS 20TB Block	1	
DKC-F810I-SBX.P	SFF Drive Chassis	1	
DKC-F810I-BUH.P	Drive Chassis Bezel	1	
DKC-F810I-PHUC.P	LFF/SFF Drive Chassis PowerCordKit(APAC)	2	
DKC-F810I-CC1.P	Back-end interface cable (2m)	2	

■ H14_(S/N56840) 퇴직연금/증권투자 디스크 증설

P/N	명세 및 규격	수량	비고
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	H14(8)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	H14(1)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	H14(8)재구성

■ H15_(S/N51094) ALM, IFRS 디스크 증설

P/N	명세 및 규격	수량	비고
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	H15(72)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	H15(2)재구성
044-235001-010.P	VSPG1X00 SVOS 10TB Block	1	
DKC-F810I-SBX.P	SFF Drive Chassis	1	
DKC-F810I-BUH.P	Drive Chassis Bezel	1	
DKC-F810I-PHUC.P	LFF/SFF Drive Chassis PowerCordKit(APAC)	2	
DKC-F810I-CC1.P	Back-end interface cable (2m)	2	

■ H16_(S/N56849) 퇴직연금/증권투자 디스크 증설

P/N	명세 및 규격	수량	비고
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DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	H16(16)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	H16(1)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	H16(8)재구성
044-235005-005.P	VSPG1X00 Remote Rplctn 5TB Block	1	

■ HDR01_(S/N56881) 자본통합/ 종합검사 디스크 증설

P/N	명세 및 규격	수량	비고
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	HDR01(112)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	HDR01(3)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	HDR01(8)재구성
044-235001-020.P	VSPG1X00 SVOS 20TB Block	1	
044-235005-005.P	VSPG1X00 Remote Rplctn 5TB Block	1	
044-235005-010.P	VSPG1000 Remote Rplctn 10TB Block	1	
DKC-F810I-SBX.P	SFF Drive Chassis	1	
DKC-F810I-BUH.P	Drive Chassis Bezel	1	
DKC-F810I-PHUC.P	LFF/SFF Drive Chassis PowerCordKit(APAC)	2	
DKC-F810I-CC1.P	Back-end interface cable (2m)	2	

■ HDR05_(S/N51118) 디스크 증설

P/N	명세 및 규격	수량	비고
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	HDR05(24)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	HDR05(1)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	HDR05(8)재구성
044-235005-005.P	VSPG1X00 Remote Rplctn 5TB Block	1	

■ HDR06_(S/N51655) 채널 디스크 증설

P/N	명세 및 규격	수량	비고
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	HDR05(16)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	HDR05(16)재구성
DKC-F810I-300KCM.P	300GB, 15K rpm SFF Disk Drive	-	HDR05(8)재구성
044-235005-005.P	VSPG1X00 Remote Rplctn 5TB Block	1	

■ M03_(S/N410702) 디스크 증설

P/N	명세 및 규격	수량	비고
HDW-F800-600KGM.P	VSP G 600GB 15K rpm SFF Disk Drive	-	M03(52)재구성
HDW-F800-600KGM.P	VSP G 600GB 15K rpm SFF Disk Drive	-	M03(1)재구성
HDW-F800-300KCM.P	VSP G 300GB 15K rpm SFF Disk Drive	8	
044-236032-005.P	VSP G400/600 - SVOS - 5TB Block	1	
044-236032-010.P	VSP G400/600 - SVOS - 10TB Block	1	
044-236033-005.P	VSP G400/600 - Remote Replication - 5TB	1	
044-236033-010.P	VSP G400/600 - Remote Replication - 10TB	1	
HDW-F800-FRAME.P	VSP G-FRAME 42U - 600x1200x2010 / no PDU	1	42U Rack
HDW-F800-PDU.P	VSP G-FRAME PDU set(1phase/12xC13x2)	2	
DW-F800-DBS.P	VSP G Drive Box (SFF)	3	
043-100210-01.P	Power Cable 250VAC 10A IEC320-C14	6	
DW-F800-SCQ1F.P	VSP G SAS Cable 1.5m	4	
DW-F800-SCQ5.P	VSP G SAS Cable 5m	2	

■ M05_(S/N410703) 디스크 증설

P/N	명세 및 규격	수량	비고
HDW-F800-600KGM.P	VSP G 600GB 15K rpm SFF Disk Drive	-	M05(44)재구성
HDW-F800-600KGM.P	VSP G 600GB 15K rpm SFF Disk Drive	-	M05(1)재구성
HDW-F800-300KCM.P	VSP G 300GB 15K rpm SFF Disk Drive	8	
044-236032-005.P	VSP G400/600 - SVOS - 5TB Block	1	
044-236032-010.P	VSP G400/600 - SVOS - 10TB Block	1	
044-236033-005.P	VSP G400/600 - Remote Replication - 5TB	1	
044-236033-020.P	VSP G400/600 - Remote Replication - 20TB	1	
HDW-F800-FRAME.P	VSP G-FRAME 42U - 600x1200x2010 / no PDU	1	42U Rack
HDW-F800-PDU.P	VSP G-FRAME PDU set(1phase/12xC13x2)	2	
DW-F800-DBS.P	VSP G Drive Box (SFF)	2	
043-100210-01.P	Power Cable 250VAC 10A IEC320-C14	4	
DW-F800-SCQ1F.P	VSP G SAS Cable 1.5m	2	
DW-F800-SCQ5.P	VSP G SAS Cable 5m	2	

■ MDR01_(S/N420681) 디스크 증설

P/N	명세 및 규격	수량	비고
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HDW-F800-1R2JCM.P	VSP G 1.2TB 10K rpm SFF Disk Drive	-	MDR01(84)재구성
HDW-F800-1R2JCM.P	VSP G 1.2TB 10K rpm SFF Disk Drive	-	MDR01(3)재구성
HDW-F800-300KCM.P	VSP G 300GB 15K rpm SFF Disk Drive	8	

■ MDR03_(S/N410686) 디스크 증설

P/N	명세 및 규격	수량	비고
HDW-F800-600KGM.P	VSP G 600GB 15K rpm SFF Disk Drive	-	MDR03(44)재구성
HDW-F800-600KGM.P	VSP G 600GB 15K rpm SFF Disk Drive	-	MDR03(1)재구성
HDW-F800-300KCM.P	VSP G 300GB 15K rpm SFF Disk Drive	8	
044-236032-005.P	VSP G400/600 - SVOS - 5TB Block	1	
044-236032-010.P	VSP G400/600 - SVOS - 10TB Block	1	
044-236033-005.P	VSP G400/600 - Remote Replication - 5TB	1	
044-236033-010.P	VSP G400/600 - Remote Replication - 10TB	1	
DW-F800-DBS.P	VSP G Drive Box (SFF)	2	
043-100210-01.P	Power Cable 250VAC 10A IEC320-C14	4	
DW-F800-SCQ1F.P	VSP G SAS Cable 1.5m	4	

김*섭/0110118**



하나은행