	Electronics Corporation of Tamil Nadu Limited
Rate Contract Tender	**Supply, Installation and Commissioning of 2TB Ext HDD with Power Adaptor** **Tender Ref.** **ELCOT/PROC/OT/ 33204/2TB Ext HDD with Power Adaptor(HC)/RC/ 2018-19**
	Corrigendum No. 4 to the Tender Document

CORRIGENDUM TO THE TENDER DOCUMENT

The following Corrigendum to the Tender Document is hereby issued:-

S. N	Title of the clause	Existing	To be read as
1	Specifications, Hardware Compliance & Price bid - New item added 33204-002 – 2 Bay NAS	–	New item added for 2 Bay NAS. Specifications for this item is placed in Annexure-1
2	Specifications, Hardware Compliance & Price bid - New item added 33204-003 – 4 Bay NAS	–	New item added for 4 Bay NAS. Specifications for this item is placed in Annexure-2
3	Specifications, Hardware Compliance & Price bid - New add on items added 33204-004	–	New add on items added. Specifications for this item is placed in Annexure-3
4	Page No: 24, Section No: 7.5.3 – Price Bid Evaluation - Point (b)	The bidder should quote for the 2TB External Hard Disk Drive with Power Adaptor. Partial bid is not allowed.	The bidder shall quote for the tendered items. Partial bid is allowed.
5	Page No: 14, Clause No: 4 - Eligibility Criteria, Section No:4.1 – Eligibility – Eligibility Conditions – Sl.No.3	External Hard Disk Manufacturer or their authorised Dealers / Distributors are only eligible to Bid.	External Hard Disk Manufacturer/ NAS Solution provider or their authorised Dealers / Distributors are only eligible to Bid.
6	Page No: 14, Clause No: 4 - Eligibility Criteria, Section No:4.1 – Eligibility – Documentary Proof to be submitted – Sl.No.3	Letter of Authorisation from the manufacturer of External Hard Disk to represent their product for this Tender and for extending support during the warranty period in the prescribed format shall have to be submitted by the Authorized Dealer / Distributor of the External Hard Disk Manufacturer.	Letter of Authorisation from the manufacturer of External Hard Disk/NAS Solution provider to represent their product for this Tender and for extending support during the warranty period in the prescribed format shall have to be submitted by the Authorized Dealer / Distributor of the External Hard Disk Manufacturer /NAS Solution provider.
7	Page No: 14, Clause No: 4 - Eligibility Criteria, Section No:4.1 – Eligibility – Eligibility Conditions –	The bidder should have 3 years of existence in the supply/manufacturing of Server/Laptop/Desktop/	The bidder should have 3 years of existence in the supply/manufacturing of Server/Laptop/Desktop/Ext

	Sl.No.4	External Hard Disk as on 30.09.2018.	ernal Hard Disk/NAS Solution as on 30.09.2018.
8	Page No: 15, Clause No: 4 – Eligibility Criteria, Section No:4.1 – Eligibility – Eligibility Conditions – Sl.No.6	The Bidder shall have executed Single order for supply of Server/Laptop/Desktop/ External Hard Disk for a value of at least Rs. 15 Lakhs and above for any Government Departments / Organisations / Public Sector Undertakings in Tamil Nadu in the last 3 years.	The Bidder shall have executed Single order for supply of Server/Laptop/Desktop/Ext ernal Hard Disk/NAS Solution for a value of at least Rs. 15 Lakhs and above for any Government Departments / Organisations / Public Sector Undertakings in Tamil Nadu in the last 3 years.

Note: The above corrigendum is applicable to all other clauses, which contain the respective terms in the tender document. (Wherever 2TB External Hard Disk is mentioned in the tender document is replaced with 2TB External Hard Disk/NAS Solution).

	Annexure - 1	
Code: 002	**2 BAY NAS**	
S.No.	**Parameters**	**Specification**
1	Interface	Gigabit Ethernet x 1, Power inlet (DC in) x 1, USB 3.0 expansion port x 2
2	Drive Bays	2x 3.5 inch hard drive bays, hot swap capable, tray-less design
3	Processor	1.3 GHz dual-core or above
4	Memory	1 GB DDR3
5	Security	Active Directory support for windows server 2003/ 2008/ 2012 Volume Encryption (256 bit AES)
6	File System	EXT4 for internal HDD , Support following formats for externally attacheds USB drives · FAT/FAT32 ·NTFS (read and write capability) · HFS + J (case sensitive) ·Linux EXT2, EXT3, EXT4 Support for mounting ISO- image.
7	Disk Management	RAID: JBOD, spanning, 0/1 suppport RAID migration; Hot swapping; Disk roaming; Array roaming
8	Power Management	Drive Spin Up/Down (including Attached WD USB drives) ·Automatic power recovery (With UPS) Schedule Power on/off · Graceful shutdown on UPS low battery · UPS connection via USB or network · Wake on LAN
9	Remote access	Through App and Web Access
10	User / Group Management	Max No. of Users: 512 for Samba, 800 for ADS, Max No. of User Groups: 64 for Samba, 200 for ADS Max No. of Network Shares: Max No. of Network Shares: 128 quotas for groups or users

11	Backup Management	Remote backups: My Cloud Expert Series locally or remotely Backup internal files or folders on the device to other files/ folders on the NAS or attached USB Cloud- based backup services: Amazon s3 annd Elephant drive Automatic backup software: WD SmartWare Pro (for up to 10 PC users); Apple Time Machine 10.5.8+ support (for Mac Users)
12	App Support	Yes
13	iSCSI	iSCSI Target · Up to 64 iSCSI Targets CHAP authentication · iSNS (Internet Storage Name Service) Volume Virtualization: NAS cab be configured as an iSCSI initiator and capable of mapping any iSCSI target of the other device to be one virtual volume · Virtual Disk Drive (via iSCSI Initiator) · Max number of virtual disk drives supported is eight (8)
14	Limited Warranty	Populated 3 years Unpopulated 2 years
15	Available capacities	Each Bay should support minimum 2TB

Annexure - 2		
Code: 002	**4 BAY NAS**	
S.No.	**Parameters**	**Specification**
1	Interface	Gigabit Ethernet x 1, Power inlet (DC in) x 1, USB 3.0 expansion port x 2
2	Drive Bays	4x 3.5 inch hard drive bays, hot swap capable, tray-less design
3	Processor	1.6 GHz dual-core or above
4	Memory	2 GB DDR3
5	Security	Active Directory support for windows server 2003/ 2008/ 2012 Volume Encryption (256 bit AES)

6	File System	EXT4 for internal HDD , Support following formats for externally attacheds USB drives · FAT/FAT32 ·NTFS (read and write capability) · HFS + J (case sensitive) ·Linux EXT2, EXT3, EXT4 Support for mounting ISO- image.
7	Disk Management	RAID: JBOD, spanning, 0/1/5/10+ hot spare suppport RAID migration; Hot swapping; Hot spare (in four disk mode); Disk roaming; Array roaming
8	Power Management	Drive Spin Up/Down (including Attached WD USB drives) ·Automatic power recovery (With UPS) Schedule Power on/off · Graceful shutdown on UPS low battery · UPS connection via USB or network · Wake on LAN
9	Remote access	Through App and Web Access
10	User/ Group Management	Max No. of Users: 512 for Samba, 800 for ADS, Max No. of User Groups: 64 for Samba, 200 for ADS Max No. of Network Shares: Max No. of Network Shares: 128 quotas for groups or users
11	Backup Management	Remote backups: My Cloud Expert Series locally or remotely Backup internal files or folders on the device to other files/ folders on the NAS or attached USB Cloud- based backup services: Amazon s3 annd Elephant drive Automatic backup software: WD SmartWare Pro (for up to 10 PC users); Apple Time Machine 10.5.8+ support (for Mac Users)
12	App Support	Yes
13	iSCSI	iSCSI Target · Up to 64 iSCSI Targets CHAP authentication · iSNS (Internet Storage Name Service) Volume Virtualization: NAS cab be configured as an iSCSI initiator and capable of mapping any iSCSI target of the other device to be one virtual volume · Virtual Disk Drive (via iSCSI Initiator) · Max number of virtual disk drives supported is eight (8)
14	Limited Warranty	Populated 3 years Unpopulated 2 years
15	Available capacities	Each Bay should support minimum 2TB

Annexure - 3	
S.No.	**Add on Items**
1	1 TB SATA 6G 7.2K SFF
2	2 TB SATA 6G 7.2K SFF
3	4 TB SATA 6G 7.2K SFF
4	1 TB SATA 6G 7.2K LFF
5	2 TB SATA 6G 7.2K LFF
6	4 TB SATA 6G 7.2K LFF