



Electronics Corporation of Tamil Nadu Limited

Rate Contract Tender

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**Supply and Installation of SAN  
STORAGE UPGRADE Products**

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**Tender Ref.  
ELCOT/PROC/OT/33085/SAN STORAGE  
UPGRADE/2017-18**



	<p><b>Tender Document</b></p>
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	<p><b>Corrigendum No. 1 to the Tender Document</b></p>
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**CORRIGENDUM TO THE TENDER DOCUMENT**

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

S.No	Title of the Clause	Existing	To be read as
1	Annex-2 ,Price bid -SAN storage	<p><b>Upgrade -3PAR7400(SDC) -15 TB usable</b>                      1.HPE M6710 2.5in 2U SAS Drive Enclosure                      2 .HP Installation and Startup Service                      3 .HPE Startup 3PAR 7000 2U SAS Enclosr SVS                      4. HPE M6710 900GB 6G SAS 10K 2.5in HDD                      5 .HP 3PAR 7000 OS Suite Drive LTU                      6 .HPE 3PAR 7400 Replication suite Drive LTU                      7 .HPE 3Y hr Proactive Care 24x7 Service                      8 .HPE 3PAR 7400 OS Suite Drive LTU Support                      9 .HPE 3PAR 7400 Replic Suite Drive LTU Supp                      10 .HPE 3PAR 7000 Drives under 1TB Support                      11 .HPE 3PAR 7000 Drive Enclosure Support                      12 .HPE Installation Service                      13 .HP Technical Installation Startup SVC                      14 .HPE Startup 3PAR 7000 ReplicatnSte SVC                      15 .HPE Startup 3PAR rebalance Limited SVC</p>	<p>Upgradation of existing 45 TB SAN usable with 15 TB SAN usable resulting 60 TB SAN usable after Upgradation. Scalable upto 321 TB usable with 900 GB 10 KRPM (480 drives)</p> <p><b>Upgrade -3PAR7400(SDC) -15 TB usable</b>(HPE M6710 2.5in 2U SAS Drive Enclosure , HP Installation and Startup Service , HPE Startup 3PAR 7000 2U SAS Enclosr SVS , HPE M6710 900GB 6G SAS 10K 2.5in HDD (24 Nos), HP 3PAR 7400 OS Suite Drive LTU (24 Nos), HPE 3PAR 7400 Replication suite Drive LTU(24 Nos) , HPE 3Y hr Proactive Care 24x7 Service, HPE 3PAR 7400 OS Suite Drive LTU Support (24 Nos), HPE 3PAR 7400 Replic Suite Drive LTU Supp (24 Nos), HPE 3PAR 7000 Drives under 1TB Support (24 Nos), HPE 3PAR 7000 Drive Enclosure Support ,HPE Installation Service,HP Technical Installation Startup SVC, HPE Startup 3PAR 7000 ReplicatnSte SVC &amp; HPE Startup 3PAR rebalance Limited SVC )</p>

2	Annex-2 ,Price bid -SAN storage	<p><b>Upgrade – 3PAR7400 (Near –DR) – 45TB usable</b> 1.HPE M6710 2.5in 2U Drive Enclosure 2 .HP Installation and Startup Service 3 HPE Startup 3PAR 7000 2U SAS Enclosr SCV .4 HPE M6710 900GB 6G SAS 10K 2.5in HDD 5. HP 3PAR 7400 OS Suite Drive LTU 6. HP 3PAR 7400 Replication Suite Drive LTU 7. HPE 3Y 4 hr Proactive Care 24x7 Service 8. HPE 3PAR 7400 OS Suite Drive LTU Support 9. HPE 3PAR 7400 Replic Suite Drive LTU Supp 10. HPE 3PAR 7000 Drives under 1TB Support 11. HPE 3PAR 7000 Drive Enclosure Support 12. HPE Basic 7.3KVA / 60309/C13 C19/INTL PDU 13 HPE Installation Service 14. HPE ProLiant Add On Options Install SVC 15. HP Implementation Service 16 .HPE Impl Cluster Ext (CLX) SCV 17. HP Technical Installation Startup SCV 18. HPE Startup 3PAR 7000 ReplicatnSte 19. HPE Startup 3PAR Rebalance Limited SCV</p>	<p>Upgradation of existing 24 TB SAN usable with 45 TB SAN usable resulting 69 TB SAN usable after Upgradation. Scalable upto 321 TB usable with 900 GB 10 KRPM (480 drives)  <b>Upgrade – 3PAR7400 (Near –DR) – 45TB usable</b> (HPE M6710 2.5in 2U Drive Enclosure (3 Nos) , HP Installation and Startup Service, HPE Startup 3PAR 7000 2U SAS Enclosr SCV(3 Nos), HPE M6710 900GB 6G SAS 10K 2.5in HDD(72 Nos), HP 3PAR 7400 OS Suite Drive LTU(72 Nos), HP 3PAR 7400 Replication Suite Drive LTU(72 Nos), HPE 3Y 4 hr Proactive Care 24x7 Service , HPE 3PAR 7400 OS Suite Drive LTU Support(72 Nos), 9 HPE 3PAR 7400 Replic Suite Drive LTU Supp(72 Nos), HPE 3PAR 7000 Drives under 1TB Support(72 Nos), HPE 3PAR 7000 Drive Enclosure Support(3 Nos), HPE Basic 7.3KVA / 60309/C13 C19/INTL PDU, HPE Installation Service, HPE ProLiant Add On Options Install SVC, HP Implementation Service, HPE Impl Cluster Ext (CLX) SCV, HP Technical Installation Startup SCV, HPE Startup 3PAR 7000 ReplicatnSte, HPE Startup 3PAR Rebalance Limited SCV )</p>
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<p>3</p>	<p>Annex-2 ,Price bid -SAN storage</p>	<p><b>UPGRADE – 3PAR 7400-DR-15TB Usable</b>1 .HPE M6710 2.5in 2U SAS Drive Enclosure 2 .HP Installation and Startup Service 3.HPE StartupPAR 7000 2U SAS 10K 2.5in HDD 4 HPE M6710 900GB 6G SAS 10K 2.5in HDD 5 HP 3PAR 7400 OS Suite Drive LTU 6 HP 3PAR 7400 Replication Suite Drive LTU 7 HPE 3Y 4hr Proactive Care 24x7 Service 8 HPE 3PAR 7400 OS Suite Drive LTU Support 9 HPE 3PAR 7400 Replic Suite Deive LTU Supp 10 HPE 3PAR 7000 Drives under 1TB Support 11 HPE 3PAR 7000 Drive Enclosure Support 12 HPE Installation Service 13 HP Technical Installation Startup SVC 14 HPE Startup 3PAR 7000 ReplicatnSte SVC 15 HPE Startup 3PAR Rebalance Limited SVC</p>	<p>Upgradation of existing 45 TB SAN usable with 15 TB SAN usable resulting 60 TB SAN usable after Upgradation. Scalable upto 321 TB usable with 900 GB 10 KRPM (480 drives)  <b>UPGRADE – 3PAR 7400-DR-15TB Usable 1.</b>(HPE M6710 2.5in 2U SAS Drive Enclosure, HP Installation and Startup Service , HPE Startup 3PAR 7000 2U SAS 10K 2.5in HDD, HPE M6710 900GB 6G SAS 10K 2.5in HDD (24 Nos), HP 3PAR 7400 OS Suite Drive LTU (24 Nos) , HP 3PAR 7400 Replication Suite Drive LTU (24 Nos), HPE 3Y 4hr Proactive Care 24x7 Service, HPE 3PAR 7400 OS Suite Drive LTU Support (24 Nos), HPE 3PAR 7400 Replic Suite Deive LTU Supp (24 Nos), HPE 3PAR 7000 Drives under 1TB Support (24 Nos), HPE 3PAR 7000 Drive Enclosure Support , HPE Installation Service, HP Technical Installation Startup SVC, HPE Startup 3PAR 7000 ReplicatnSte SVC, HPE Startup 3PAR Rebalance Limited SVC)</p>
<p>4</p>	<p>9.9 Warranty/Support clause</p>	<p>3 years of warranty support for the upgraded SAN</p>	<p>Coterminus Warranty with the existing SAN storage along with the Upgraded SAN from the date of installation and Commissioning upto 31.10.2019.Future upgrade if any should be provided as Co-Termius Warranty , without claiming any additional cost, as it is proposed to be covered under CAMC for two years from 31.10.2019,at the agreed rates.</p>

5	Annex -3,Price bid-CAMC	Comprehensive Warranty for the 4th & 5th year for the upgraded storage	Comprehensive warranty in percentage for the 1st and 2nd year after the base support,which ends on 31.10.2019,for the total upgraded SAN ,instead of the CAMC for 4th & 5th year for the upgraded storage.
6	New items	Annex-2, Price Bid	<p>Add on itmes</p> <ol style="list-style-type: none"> <li>1. 900 GB 10 KRPM Drives with Software</li> <li>2. 1.2 TB 10 KRPM Drives with Software</li> <li>3. 1.8 TB 10 KRPM Drives with Software</li> <li>4. Enclosure with redundant 12 drives for LFF</li> <li>5. Enclosure with redundant 24 drives for SFF</li> <li>6.Storage Rebalancing Services per 10 TB of Usable capacity</li> </ol>

## Annexure-2 - PRICE BID - SAN Storage Upgrade

S. N	Product Code	Description	Initial approx Qty & the future on RC	Unit Price for FOR destination(Packing, Forwarding and Insurance) <b>with out TAXES</b>	Applicable GST per unit in (%)	Applicable GST per unit in (Rs)	Total Unit Price with all Taxes and duties (Rs.) (5+7)	Remarks
1	2	3	4	5	6	7	8	9
<b>Upgrade - 3PAR7400(SDC) - 15TB Usable</b>								
1	001	<p>Upgradation of existing 45 TB SAN usable with 15 TB SAN usable resulting 60 TB SAN usable after Upgradation. Scalable upto 321 TB usable with 900 GB 10 KRPM (480 drives)</p> <p><b>Upgrade -3PAR7400(SDC) -15 TB usable(HPE M6710 2.5in 2U SAS Drive Enclosure , HP Installation and Startup Service , HPE Startup 3PAR 7000 2U SAS Enclosr SVS , HPE M6710 900GB 6G SAS 10K 2.5in HDD (24 Nos), HP 3PAR 7400 OS Suite Drive LTU (24 Nos), HPE 3PAR 7400 Replication suite Drive LTU(24 Nos) , HPE 3Y hr Proactive Care 24x7 Service, HPE 3PAR 7400 OS Suite Drive LTU Support (24 Nos), HPE 3PAR 7400 Replic Suite Drive LTU Supp (24 Nos), HPE 3PAR 7000 Drives under 1TB Support (24 Nos), HPE 3PAR 7000 Drive Enclosure Support ,HPE Installation Service,HP Technical Installation Startup SVC, HPE Startup 3PAR 7000 ReplicatnSte SVC &amp; HPE Startup</b></p>	1 No.					

		3PAR rebalance Limited SVC )						
<b>Upgrade - 3PAR7400 (Near -DR) - 45TB usable</b>								
2	002	<p>Upgradation of existing 24 TB SAN usable with 45 TB SAN usable resulting 69 TB SAN usable after Upgradation. Scalable upto 321 TB usable with 900 GB 10 KRPM (480 drives)</p> <p><b>Upgrade – 3PAR7400 (Near –DR) – 45TB usable</b> (HPE M6710 2.5in 2U Drive Enclosure (3 Nos) , HP Installation and Startup Service, HPE Startup 3PAR 7000 2U SAS Enclosr SCV(3 Nos), HPE M6710 900GB 6G SAS 10K 2.5in HDD(72 Nos), HP 3PAR 7400 OS Suite Drive LTU(72 Nos), HP 3PAR 7400 Replication Suite Drive LTU(72 Nos), HPE 3Y 4 hr Proactive Care 24x7 Service , HPE 3PAR 7400 OS Suite Drive LTU Support(72 Nos), 9 HPE 3PAR 7400 Replic Suite Drive LTU Supp(72 Nos), HPE 3PAR 7000 Drives under 1TB Support(72 Nos), HPE 3PAR 7000 Drive Enclosure Support(3 Nos), HPE Basic 7.3KVA / 60309/C13 C19/INTL PDU, HPE Installation Service, HPE ProLiant Add On Options Install SVC, HP Implementation Service, HPE Impl Cluster Ext (CLX) SCV, HP Technical Installation Startup SCV, HPE Startup 3PAR 7000 ReplicatnSte, HPE Startup 3PAR Rebalance Limited SCV )</p>	1 No.					
<b>UPGRADE - 3PAR 7400-DR-15TB Usable</b>								
3	003	<p>Upgradation of existing 45 TB SAN usable with 15 TB SAN usable resulting 60 TB SAN usable after Upgradation. Scalable upto 321 TB usable with 900 GB 10 KRPM (480 drives)</p> <p><b>UPGRADE – 3PAR 7400-DR-15TB Usable</b> (HPE M6710 2.5in 2U SAS Drive Enclosure, HP Installation and Startup Service , HPE Startup 3PAR 7000 2U SAS 10K</p>	1 No.					

		2.5in HDD, HPE M6710 900GB 6G SAS 10K 2.5in HDD (24 Nos), HP 3PAR 7400 OS Suite Drive LTU (24 Nos) , HP 3PAR 7400 Replication Suite Drive LTU (24 Nos), HPE 3Y 4hr Proactive Care 24x7 Service, HPE 3PAR 7400 OS Suite Drive LTU Support (24 Nos), HPE 3PAR 7400 Replic Suite Deive LTU Supp (24 Nos), HPE 3PAR 7000 Drives under 1TB Support (24 Nos), HPE 3PAR 7000 Drive Enclosure Support , HPE Installation Service, HP Technical Installation Startup SVC, HPE Startup 3PAR 7000 ReplicatnSte SVC, HPE Startup 3PAR Rebalance Limited SVC)						
		<b>Total</b>						
<b>ADD ON ITEMS</b>								
4	004	900 GB 10 KRPM Drives with Software						
5	005	1.2 TB 10 KRPM Drives with Software						
6	006	1.8 TB 10 KRPM Drives with Software						
7	007	Enclosure with redundant 12 drives for LFF						
8	008	Enclosure with redundant 24 drives for SFF						
9	009	Storage Rebalancing Services per 10 TB of Usable capacity						
		<b>Total</b>						

**Note:** 1) The determination of the lowest evaluated price shall be as per the Tamil Nadu Transparency in Tenders Act 1998 and the Rules thereon. The Bidder should mention the applicable GST clearly in the Remarks column.  
2) Warranty: 36 Months  
3) Rate Contract: 1 year from the date of issue of 1st Purchase order by ELCOT renewable on mutually agreed basis.  
4) The total cost excluding applicable GST and including all other duties and charges (Such as Customs Duty, Installation Charges etc.) of overall items will be taken for Price Bid evaluation. The lowest offered Bidder for Overall item will be called as L1 Bidder for that item. The vendor who quote the lowest total price will be considered as L1 bidder.

**Annexure-3 – COMPREHENSIVE AMC COST FOR 1st AND 2nd YEAR**

**\*RATE CONTRACT REF NO : ELCOT/PROC/OT/33085/SAN Storage Upgrade/2017-18**

- Comprehensive warranty cost in percentage for the 1st year = ..... % + ..... % GST
- Comprehensive warranty cost in percentage for the 2nd year = ..... % + ..... % GST

Note:

Comprehensive Warranty for 1<sup>st</sup> and 2<sup>nd</sup> Year should be quoted without fail, failing which the Price Bid shall not be considered for further process. Comprehensive warranty cost means cost toward all the spares, service charge and all Taxes, excluding consumable cost if any. The CAMC charges should not exceed 10% of the items basic rate/cost.

