

Corrigendum

Corrigendum No.1 to the Tender Document for the

Supply, Installation and Commissioning of Desktop Computers, All-in-One Desktop Computers, Mini PCs, UPS systems and Batteries, Printers, MFDs, Digital Copiers, Networking Components, Computer furniture's, Tablets, Display Monitors and TV's, Multimedia projectors, Data card and Voice SIM to Government Departments on Rate Contract basis

Tender Ref.

**ELCOT/Proc/OT/33447/RC Tender-Group
A/2021-22**

**Electronics Corporation of Tamil Nadu
Limited**

**MHU Complex II Floor,
692 Anna Salai, Nandanam
Chennai-600035**

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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 Clause	To be read as
1.	Page no. 11 Clause 2 (5) e-Tender Schedule - Tender Fees	Tender Fee of Rs.10,000/- (Rupees Ten Thousand only) plus applicable taxes	Tender Fee of Rs.10,000/- (Rupees Ten Thousand only) plus 18% GST
2.	Page No. 11 Clause No. 2 (6) e-tender schedule- Earnest Money Deposit (EMD)	The EMD Amount of Rs. 10,00,000/- (Rupees Ten Lakhs Only) should be paid electronically through the Bidder's respective internet banking enabled account via NEFT / RTGS to the account of ELCOT.	The EMD Amount of Rs. 5,00,000/- (Rupees Five Lakhs Only) should be paid electronically through the Bidder's respective internet banking enabled account via NEFT / RTGS to the account of ELCOT. The bidder seeking EMD exemption for MSME/NSIC/SSI, must submit the valid supporting document for the relevant category. Units having either permanent SSI Registration Certificate prior to implementation of MSMED Act, 2006 or valid Entrepreneurs Memorandum Part-II issued by the Directorate of Industries & Commerce are exempted from payment of EMD. The tenders without Earnest Money Deposit or Valid MSME/NSIC/SSI certificate for exemption of EMD will be summarily rejected.
3.	Page No.17 Clause 4.1 Eligibility	OEM or Authorised distributor / Dealer are only eligible to Bid. OEM should authorize minimum 2 partners. The term "Bidder" refers to OEM or Authorised distributor /dealer.	OEM or Authorised distributor / Dealer are only eligible to Bid. OEM should authorize minimum 2 partners. If the OEM is directly participating, authorising minimum 2 partners and

S. No	Title of the Clause	Existing Clause	To be read as
			issuing of MAF to the partners are not applicable.
4.	Page No. 17 Clause 4.1 (a) (2) Eligibility- Legal Entity for OEM / OEM existence in India	OEM shall be a Company registered in India under the Indian Companies Act 1956 and existing for atleast past 3 years as on 31.03.2021 <u>Documentary proof to be submitted</u> OEM shall provide the valid Certificate of Incorporation.	The OEM shall be a Company registered in India under the Indian Companies Act 1956 / Partnership Firm / Sole Proprietorship Firm and existing for atleast past 3 years as on 31.03.2021. <u>Documentary proof to be submitted</u> The OEM shall provide the Certificate of Incorporation for Registered Companies, Partnership Deed for Partnership Firms / GST or Service Tax Registration Certificate for Sole Proprietorship Firms.
5.	Page No. 18 Clause 4.1 (a) (3) Eligibility Criteria - OEM's manufacturing presence in India	The OEM should have their manufacturing facility in India for atleast past 3 years. The OEM should have executed a single purchase order of their manufactured product for a minimum value as per S.No.7 of Eligibility Criteria to any Government Department/ Organisations/ PSU's/ Nationalized Banks in India directly or through dealer/distributors on or before 31.03.2021	The OEM (except for the categories A5, A6, A8, A11, A12 & A13 in Clause 4.2 Eligibility Criteria Annexure) should have their manufacturing facility in India for atleast past 3 years. For the Categories A5, A6, A8, A11, A12 & A13 in Clause 4.2 – Eligibility Criteria Annexure, OEM or Authorized Dealer of OEM should have a registered office in India to provide after sales service support in Tamil Nadu. The certificate to this effect should be submitted. However, the Bidder should comply to General Financial Rules(GFR) and amendments thereon on Restrictions on Public Procurement from countries which share a land border with Indian grounds of defence of India.

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6.	Page No. 19 Clause No.4.1(a) (7) Eligibility Criteria- Single Order Value	<table border="1"> <thead> <tr> <th>S. no</th> <th>Item Description</th> <th>Average Annual Turnover (in Rs)</th> <th>Single Order Value (in Rs.)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Desktop Computer</td> <td>5 Crores</td> <td>50 Lakhs</td> </tr> <tr> <td>2</td> <td>All in One</td> <td>5 Crores</td> <td>50 Lakhs</td> </tr> <tr> <td>3</td> <td>Mini PC</td> <td>2 Crores</td> <td>20 Lakhs</td> </tr> </tbody> </table>	S. no	Item Description	Average Annual Turnover (in Rs)	Single Order Value (in Rs.)	1	Desktop Computer	5 Crores	50 Lakhs	2	All in One	5 Crores	50 Lakhs	3	Mini PC	2 Crores	20 Lakhs	<table border="1"> <thead> <tr> <th>S. no</th> <th>Item Description</th> <th>Average Annual Turnover (in Rs)</th> <th>Single Order Value (in Rs.)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Desktop Computer</td> <td rowspan="3">5 Crores</td> <td rowspan="3">50 Lakhs</td> </tr> <tr> <td>2</td> <td>All in One</td> </tr> <tr> <td>3</td> <td>Mini PC</td> </tr> </tbody> </table>	S. no	Item Description	Average Annual Turnover (in Rs)	Single Order Value (in Rs.)	1	Desktop Computer	5 Crores	50 Lakhs	2	All in One	3	Mini PC
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7.	Page No. 19 Clause 4.1 (a) (8) Eligibility Criteria - Service Centres	The Bidder should have at least one service centre in each region (North, East, South and West as given in the Tender Document) with a total of minimum 10 service centres in the State. The service centre may be run by Manufacturer or Franchise or authorised distributors/ dealers	The Bidder (except for the Category A9 Computer Furniture) should have atleast one service centre in each region (North, East, South and West as given in the Tender Document) with a total of minimum 10 service centres in the State. The service centre may be run by manufacturer or Franchise or authorised distributors/ dealers For Computer Furniture Category, the Bidder should have at least one service centre within Tamil Nadu. The service centre may be run by manufacturer.																												

S. No	Title of the Clause	Existing Clause	To be read as
8.	Page No. 20 Clause 4.1 (a) (9) Eligibility Criteria – Certification Licenses	OEM should have ISO 9001:2015 certified manufacturing facility. The OEM and authorised dealer should have ISO 14001:2015 certified for handling hazardous products.	OEM should have ISO 14001:2015 certification for handling hazardous products manufacturing facility. The OEM and authorised dealer should have ISO 9001:2015 certification for Quality Management System
9.	Page No.22 Clause 4.1 (b) (4) Eligibility for Data Card and Voice SIM	The Service Provider should have minimum three years of existence in providing 4G Data card with SIM and 4G Voice SIM in Tamil Nadu as on 31.03.2021 The ISP should have executed orders for a 2 Lakhs (each) for 4G Data card with SIM and 4G Voice SIM and above for any Government Departments / Organization's / Public Sector Undertakings in India in the last 3 years.	The Service Provider should have minimum three years of existence in providing 4G Data card with SIM and/or 3G/ 4G Voice SIM in Tamil Nadu as on 31.03.2021 The ISP should have executed orders for a 2 Lakhs (each) for 4G Data card with SIM and/ or 3G/4G Voice SIM and above for any Government Departments / Organization's / Public Sector Undertakings in India in the last 3 years.
10.	Page No. 23 Clause 4.2 Eligibility criteria Annexure		<u>Addition to the Clause</u> Note : Wherever the categories are clubbed, the bidder should submit the relevant documentary proof as indicated in Clause 4.1 a (7) for any of the item in that category
11.	Page No. 39 Clause No. 8.12 & Page No. 52- Point No. 11 Appendix – 1 Model form of Contract. Liquidated Damage(LD)	Liquidated damage will be levied at the rate of 0.25% per day to the maximum of 25% on the un-delivered portion of the material, if the delivery has not been completed in full within the stipulated period.	Liquidated damage will be levied at the rate of 0.25% per day to the maximum of 10% on the un-delivered portion of the material, if the delivery has not been completed in full within the stipulated period.

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12.	Page no. 41 Clause 9.2 Sample Submission	<p>a) For each item quoted in the Tender, the samples should be submitted to ELCOT at the time of bidding indicating the make, model number and brochures / specification of the items for testing by ELCOT as per Appendix-3 (Sample Submission Form) of the Tender.</p> <p>b) The bidders have to submit the samples at the time of bidding from the date of submission of Bids unless any specific time given by ELCOT in writing.</p> <p>c) If the samples are not delivered within the time limit specified in the Tender, it would be treated as non-responsive to the Tender conditions and the Bid is liable for rejection.</p> <p>d) Technical compliance report for each sample should be given by the bidder and the OEM, by filling up the Hardware compliance sheet provided in the e-tender portal along with the Make and Model.</p> <p>e) Sample evaluation is part of technical bid evaluation.</p> <p>f) The brochure submitted by the Bidder should be hosted in the OEMs website and made available till the validity of this tender or</p>	<p>(a), (b), (c) and (e) – deleted.</p> <p>(d) Technical compliance, General Certification and OS compliance reports for each make and model of the quoted products against each bidding category should be submitted by the OEM duly signed by authorised person & by the authorised dealer/partner, by filling up the Hardware compliance sheet provided in the e-tender portal along with the Make and Model.</p> <p>e) Sample evaluation is part of technical bid evaluation. The samples need to be submitted by the bidder as and when called for by ELCOT in a short time notice of 2-3 days as per Appendix-3 (Sample Submission Form) of the Tender.</p> <p>f) The brochure submitted by the Bidder should be hosted in the OEMs website and made available till the validity of this tender or until the issuance of last purchase order for the product vide this tender, whichever happens later.</p> <p><u>Addition to the Clause 9.2</u></p> <p>g) Special Concessions for ELCOT approved products : If the Samples of the tender specification has already been tested and approved by ELCOT</p>

S. No	Title of the Clause	Existing Clause	To be read as
		until the issuance of last purchase order for the product vide this tender, whichever happens later.	in earlier tenders, then the Bidder need not submit those products for sample evaluation. The bidder shall provide the reference of the tender number and test reports. h) ELCOT reserves the right to call for samples again if need arises and to call for any other sample of any other item at any point of time.
13.	<p>Page No. 42- Clause No. 9.5 (a) & Page No. 50- Point No. 4 Appendix – 1 Model form of Contract.</p> <p>Delivery Schedule</p>	<p><u>For Quantity:-</u> 1 to 50 Nos. - Within 15 days from the date of Purchase Order. 51 to 100 Nos. - Within 20 days from the date of Purchase Order. 101 to 500 Nos. - Within 25 days from the date of Purchase Order. 501 to 1000 Nos. - Within 30 days from the date of Purchase Order. 1001 and above Nos. - Within 40 days from the date of Purchase Order.</p> <p><u>For Locations:-</u> 1 to 50 locations – Within 15 days from the date of Purchase Order. 51 to 100 locations – Within 20 days from the date of Purchase Order. 101 to 200 locations – Within 25 days from the date of Purchase Order. 201 to above locations – Within 30 days from the date of Purchase Order. The Delivery Schedule shall be taken from Quantity/ Location whichever is higher</p>	<p><u>For Quantity/Locations:-</u> 1 to 25 - Within 15 days from the date of Purchase Order. 26 to 50 - Within 20 days from the date of Purchase Order 51 to 100 - Within 25 days from the date of Purchase Order. 101 to 250 - Within 30 days from the date of Purchase Order. 251 to 500 - Within 40 days from the date of Purchase Order. 501 to 1000 - Within 50 days from the date of Purchase Order. 1001 and above– Within 60 days from the date of Purchase Order.</p>

S. No	Title of the Clause	Existing Clause	To be read as
14.	Page No. 47 Clause No. 10.1 Payment Clause & Page No. 53- Point No.15 Appendix – 1 Model form of Contract. Payment Terms.	-	<u>Addition to Clause 10.1 :</u> c) If the site is not ready within 15 days of delivery, 75% of total cost of the invoice will be made to the Successful Bidder after the receipt of funds from the Purchaser and on submission of proof of delivery along with SNR certificate issued by the Purchaser.
15.	Page No.326 A2.10.5 Price Bid – Category A10/Consolidated Price Bid for UPS Batteries		A2.10.5 Price Bid – Category A10/Consolidated Price Bid for UPS Batteries “The Consolidated Price Bid Table is deleted”.
16.	Page no 89 Annexure A1.4.8 compliance Category A8 Networking Components S.no 35 & A2.1 Price Bid – Category A1 - Desktop Computers	<u>Item Code :</u> 33447-A8-CARDS-002 <u>Description</u> CAT 6 UTP stranded copper wire,ETL TIA-568-C verified 3M Factory Crimped Patch cord	<u>Item Code :</u> 33447-A8-CARDS-009 <u>Description</u> CAT 6 UTP stranded copper wire,ETL TIA-568-C verified 3M FactoryCrimped Patch cord
17.	i3 - Desktop Computer(A)		New Item is added. Item Code 33447-A1-DT-011. Specification Cum Bidder compliance is enclosed in Annexure-A
18.	i5 - Desktop Computer(C)		New Item is added. Item Code 33447-A1-DT-012. Specification Cum Bidder compliance is enclosed in Annexure-A
19.	i7 - Desktop Computer(D)		New Item is added. Item Code 33447-A1-DT-013. Specification Cum Bidder compliance is enclosed in Annexure-A
20.	23.8" - All in One Desktop – i3 PC		New Item is added. Item Code 33447-A2-AIO- 009.

S. No	Title of the Clause	Existing Clause	To be read as
			Specification Cum Bidder compliance is enclosed in Annexure-A
21.	5 KVA On-Line with SMF Batteries – 240 Minutes Backup		New Item is added. Item Code 33447-OL 5 KVA -240 . Specification Cum Bidder compliance is enclosed in Annexure-A
22.	Page no 75 Clause A1.4.1 Compliance Category A1- Desktop Computers		Compliance Category A1- Desktop Computers is revised and enclosed in Annexure B
23.	Page no 79 Clause A1.4.2 Compliance Category A2 All-in-one Computers		Compliance Category All-in-one Computers is revised and enclosed in Annexure C
24.	Page no 80 Clause A1.4.4 Compliance Category A4 UPS Systems		Compliance Category UPS Systems is revised and enclosed in Annexure D
25.	Page no 270 Annexure A2.1 Price Bid – Category A1 - Desktop Computers		Price Bid is revised and enclosed in Annexure E .
26.	Page no 277 Annexure A2.2 Price Bid – Category A2–All-in-one Computers		Price Bid is revised and enclosed in Annexure F .
27.	Page no 280 Annexure A2.4 Price Bid – Category A4–UPS Systems		Price Bid is revised and enclosed in Annexure G .

Note: The above Corrigendum is applicable to all other clauses which contain the respective terms in the tender document.

General Manager (Proc) FAC

Annexure A

A1.4.1 Compliance Category A1 - Desktop Computers

S.N	Item Code	Description	Item Quoted details along with Make & Model
1	33447-A1-DT-001	i3 - Desktop Computer	
2	33447-A1-DT-002	i5 - Desktop Computer	
3	33447-A1-DT-003	i7 - Desktop Computer	
4	33447-A1-DT-004	i9 - Desktop Computer	
5	33447-A1-DT-005	i5 –Desktop Computer (A)	
6	33447-A1-DT-006	i7 –Desktop Computer (B)	
7	33447-A1-DT-007	i5 Desktop Computer with TPM	
8	33447-A1-DT-008	i7 Desktop Computer with TPM	
9	33447-A1-DT-009	AMD Ryzen3 - Desktop Computer	
10	33447-A1-DT-010	Work Station	
11	33447-A1-DT-011	i3 - Desktop Computer(A)	
12	33447-A1-DT-012	i5 - Desktop Computer(C)	
13	33447-A1-DT-013	i7 - Desktop Computer(D)	
		ADD ON ITEMS	
14	33447-A1-DT-014	Antivirus - McAfee/ Norton/Etrust/Kasper sky/Quickheel/K7 with 3 year Licence	
15	33447-A1-DT-015	Antivirus - McAfee/Norton/Etrust/Kaspersky /Quickheel/K7 with 1 year Licence	

16	33447-A1-DT-016	Windows 10 Professional Pre – loaded(with Licensed Key)	
17	33447-A1-DT-017	Windows 10 SL Pre – loaded (with Licensed Key)	
18	33447-A1-DT-018	Windows 10 Academic Pre - loaded(with Licensed Key)	
19	33447-A1-DT-019	Windows 10 Home Pre – loaded (with Licensed Key)	
20	33447-A1-DT-020	Preloaded Ubuntu Linux in lieu of Preloaded Boss Linux	
21	33447-A1-DT-021	4GB DDR4 Memory	
22	33447-A1-DT-022	8GB DDR4 Memory	
23	33447-A1-DT-023	16GB DDR4 Memory	
24	33447-A1-DT-024	32GB DDR4 Memory	
25	33447-A1-DT-025	8GB DDR4 Memory in lieu of 4GB	
26	33447-A1-DT-026	16GB DDR4 Memory in lieu of 4GB	
27	33447-A1-DT-027	16GB DDR4 Memory in lieu of 8GB	
28	33447-A1-DT-028	32GB DDR4 Memory in lieu of 8GB	
29	33447-A1-DT-029	32GB DDR4 Memory in lieu of 16GB	
30	33447-A1-DT-030	Internal 1TB SATA HDD	
31	33447-A1-DT-031	Internal 2TB SATA HDD	
32	33447-A1-DT-032	2TB HDD in lieu of 1TB SATA HDD	
33	33447-A1-DT-033	Internal SSD - 128GB (Desktop/Laptop)	
34	33447-A1-DT-034	Internal SSD - 256GB (Desktop/Laptop)	
35	33447-A1-DT-035	Internal SSD - 512GB (Desktop/Laptop)	
36	33447-A1-DT-036	Internal SSD - 1TB (Desktop/Laptop)	

37	33447-A1-DT-037	External 1TB HDD	
38	33447-A1-DT-038	External 2TB HDD	
39	33447-A1-DT-039	External 4TB HDD	
40	33447-A1-DT-040	19"(±0.5 inch) LED Monitor	
41	33447-A1-DT-041	21"(±0.5 inch) LED Monitor	
42	33447-A1-DT-042	23"(±0.5 inch) LED Monitor	
43	33447-A1-DT-043	27" (±0.5 inch) LED Monitor	
44	33447-A1-DT-044	21" LED Monitor in lieu of 19" LED Monitor	
45	33447-A1-DT-045	23" LED Monitor in lieu of 19" LED Monitor	
46	33447-A1-DT-046	27" LED Monitor in lieu of 19" LED Monitor	
47	33447-A1-DT-047	Membrane Keyboard	
48	33447-A1-DT-048	Mechanical Keyboard	
49	33447-A1-DT-049	Bi-Lingual Keyboard	
50	33447-A1-DT-050	Wireless Keyboard	
51	33447-A1-DT-051	Mechanical keyboard in lieu of membrane keyboard	
52	33447-A1-DT-052	Bi-Lingual Keyboard in lieu of Membrane keyboard	
53	33447-A1-DT-053	Wireless Keyboard in lieu of membrane keyboard	
54	33447-A1-DT-054	Wireless Keyboard and Mouse Combo	
55	33447-A1-DT-055	Wired Optical Mouse with Pad	
56	33447-A1-DT-056	Wireless Mouse with Pad	
57	33447-A1-DT-057	Wireless Mouse with pad in lieu of Optical Mouse	
58	33447-A1-DT-058	2GB Graphics Card	
59	33447-A1-DT-059	4GB Graphics Card	

60	33447-A1-DT-060	2GB Graphics Card for work station	
61	33447-A1-DT-061	4GB Graphics Card for work station	
62	33447-A1-DT-062	8GB Graphics Card for work station	
63	33447-A1-DT-063	Built-in Wi-Fi Device for Desktop	
64	33447-A1-DT-064	Webcam (HD video calling and video capture upto 1280 * 720 pixel @ 30 fps Min 2 MP or above Hi - speed USB 2.0 certified or above Built-in mic with noise reduction Auto focus)	
65	33447-A1-DT-065	Ext USB speaker (Minimum 20 watts)	
66	33447-A1-DT-066	Bluetooth Speaker (Minimum 20 watts)	
67	33447-A1-DT-067	Internal 500GB SATA HDD	
68	33447-A1-DT-068	1TB HDD in lieu of 500GB SATA HDD	
69	33447-A1-DT-069	Windows 10 Professional Pre – loaded in lieu of Linux	
70	33447-A1-DT-070	Windows 10 SL Pre – loaded in lieu of Linux	
71	33447-A1-DT-071	Windows 10 Academic Pre – loaded in lieu of Linux	
72	33447-A1-DT-072	Windows 10 Home Pre – loaded in lieu of Linux	
73	33447-A1-DT-073	Adobe Acrobat Reader Latest Edition (DC Edition)	
74	33447-A1-DT-074	Microsoft Office Latest (Standard Edition) with License keys	
75	33447-A1-DT-075	Licensed Windows 10 Pro or above	
76	33447-A1-DT-076	Windows 10 Professional Advanced Pre – loaded for Workstation	

Annexure B

A1.4.2 Compliance Category A2 - All-in-one Computers

S.N	Item Code	Description	Item Quoted details along with Make & Model
1	33447-A2-AIO- 001	21.5" - All in One Desktop - i3 PC, Non Touch	
2	33447-A2-AIO- 002	21.5" - All in One Desktop - i5 PC, Non Touch	
3	33447-A2-AIO- 003	21.5" - All in One Desktop - AMD PC, Non Touch	
4	33447-A2-AIO- 004	24" - All in One Desktop - i3 PC, Non Touch	
5	33447-A2-AIO- 005	24" - All in One Desktop - i5 PC, Non Touch	
6	33447-A2-AIO- 006	24" - All in One Desktop - i5 PC, Touch with 4 GB Graphics	
7	33447-A2-AIO- 007	27" FHD - All in One Desktop - i7 PC, Touch	
8	33447-A2-AIO- 008	27" FHD - All in One Desktop - i7 PC, Non Touch	
9	33447-A2-AIO- 009	23.8" - All in One Desktop – i3 PC	

Annexure C

A1.4.4 Compliance Category A4 – UPS Systems

S.N	Item Code	Description	Item Quoted details along with Make & Model
1	33447-LIA-600-30-001	600 VA – LIA – 30 minutes with 91% inverter efficiency	
2	33447-LIA-600-30-002	600 VA LIA – 30 Minutes Backup	
3	33447-OL 1KVA - 30	1KVA On-Line with SMF Batteries – 30 Minutes Backup	
4	33447-OL 1 KVA - 60	1KVA On-Line with SMF Batteries– 60 Minutes Backup	
5	33447-OL 1 KVA – 120	1KVA On-Line with SMF Batteries – 120 Minutes Backup	
6	33447-OL 2 KVA -30	2 KVA On-Line with SMF Batteries – 30 Minutes Backup	
7	33447-OL 2 KVA -60	2 KVA On-Line with SMF Batteries – 60 Minutes Backup	
8	33447-OL 2 KVA -120	2 KVA On-Line with SMF Batteries – 120 Minutes Backup	
9	33447-OL 5 KVA -30	5 KVA On-Line with SMF Batteries – 30 Minutes Backup	
10	33447-OL 5 KVA -60	5 KVA On-Line with SMF Batteries – 60 Minutes Backup	
11	33447-OL 5 KVA -120	5 KVA On-Line with SMF Batteries – 120 Minutes Backup	
12	33447-OL 10 KVA -30	10 KVA On-Line with SMF Batteries – 30 Minutes Backup	
13	33447-OL 10 KVA -60	10 KVA On-Line with SMF Batteries – 60 Minutes Backup	
14	33447-OL10 KVA -120	10 KVA On-Line with SMF Batteries – 120 Minutes Backup	
15	33447-OL 20 KVA -30	20 KVA On-Line with SMF Batteries – 30 Minutes Backup	
16	33447-OL 20 KVA -60	20 KVA On-Line with SMF Batteries – 60 Minutes Backup	

17	33447-OL 20 KVA -120	20 KVA On-Line with SMF Batteries – 120 Minutes Backup	
18	33447-OL 1 KVA-WOB	1 KVA On-Line without Battery	
19	33447-OL 2 KVA-WOB	2 KVA On-Line without Battery	
20	33447-OL 5 KVA-WOB	5 KVA On-Line without Battery	
21	33447-OL 10 KVA-WOB	10 KVA On-Line without Battery	
22	33447-OL 20 KVA-WOB	20 KVA On-Line without Battery	
23	33447-OL 5 KVA -240	5 KVA On-Line with SMF Batteries – 240 Minutes Backup	

Annexure D

Annexure 1 – Specification cum Bidder compliance

Code	Item Description	Qty
33447-A1-DT-011	i3 - Desktop Computer(A)	1 No

Parameter	Specification	As Per Brochure	Bidders Offer	Bidder Compliance (Yes/No)
Processor	Intel core i3 – 10105 Processor 10th Gen (4 core,6M Cache,3.7GHz to 4.4GHz)			
Memory	8 GB,8Gx1, DDR4 ,2666 MHz or higher			
Mother Board (Intel/ Gigabyte/ASUS/MSI/ OEM)	1.Min 2 PCI/PCI Express Slots. 2.Integrated Graphics Controller 3.10/100/1000 Mbps Network Card 4. Min 6 USB Ports with at least two with 3.0, 2 Additional USB Ports, 5.HDMI 6.,VGA , Display port 7.Audio 3.5mm. Internal speakers and support to Ext speakers of min 2 watts. 8.RJ 45 9.Realtek RTL 8821CE 802.11a/b/g/n/ac (1x1) Wi-Fi and Bluetooth 4.2 combo			

Monitor	23"(±) Wide LED Color Non Touch Monitor. Resolution 1366 X 768 or higher			
Hard Disk Drive	512GB Pcle, NVMe M.2 SSD or higher			
Keyboard,Mouse	USB white wireless keyboard and mouse combo			
Operating System	Windows 10 Home			
General Certification	Hazardous - RoHS, Energy efficient - Energy star, Safety - CE / UL, Environment – EPEAT and TCO Certification for Monitor (Copies should be enclosed)			
OS Compliance	Windows & Linux compliance by OEM			
Webcam	720p			
Software include	1. Microsoft office 2019-Home and Student. 2.Antivirus			

Code	Item Description	Qty
33447-A1-DT-012	i5 - Desktop Computer(C)	1 no

Parameter	Specification	As Per Brochure	Bidders Offer	Bidder Compliance (Yes/No)
Brand	Internationally reputed brands for Enterprise Desktops			
Processor	Intel Core i5-8400 8 th Generation 6 Cores processor or above (2.8 GHz, 9MB L3 cache)			

Mother Board	Intel B Series or higher			
Graphics	Integrated Graphics with 128 VRAM or higher			
Operating System	Windows 10 Professional			
Memory	4 GB DDR4 SDRAM @ 2400 MHz or higher expandable upto 32 GB			
Storage	1TB SATA HDD, 7200 RPM			
Connectivity	1 Ethernet Ports 10/100/1000 Mbps on board Integrated Gigabit Port			
Monitor	19.5" TFT / Wide LED Color Monitor. Resolution 1600 x 900			
Interface	RJ45 (10/100/1000 Mbps), 3 PCI / PCI Express Slots and Network Card with Remote Booting Facility or above			
Ports	Min 2 PCI / PCI Express Slots. Integrated Graphics Controller, 10/100/1000 Mbps Network Card with remote booting facility & Min 4 USB Ports with at least two with 3.0, VGA / Display port, HDMI, RJ45, and support to Ext speakers of min 2 watts.			
Security	Discrete TPM 2.0 Chip			
General Certification	ROHS Certified for PC and TCO certified for Monitor. Copy should be enclosed.			
Preloaded Software	a. Licensed Windows 10 Pro or above (OEM Pack)			
	b. Adobe Acrobat Reader Latest Edition			
	c. Microsoft Office Latest Edition			

	d. Licensed Antivirus Software with three – year free upgrade validity			
	e. All necessary plug-ins / utilities and drivers bundled in DVD Media			

Code	Item Description	Qty
33447-A1-DT-013	I7 - Desktop Computer(D)	1 No

Parameter	Specification	As Per Brochure	Bidders Offer	Bidder Compliance (Yes/No)
Brand	Internationally reputed brand for Enterprise Desktops			
Certification	The Desktop PC must be EPEAT / Energy Star Certified			
Processor	Intel Core i7-8700 processor or above (3.6 GHz upto 4.20 GHz, 12 MB L3 cache) or Higher			
Processor	Licensed Windows 10 Professional (64-bit) pre-installed with Recovery Media and MS Office (latest Version) and License Keys			
Form Factor	Tower			
Motherboard	Chipset must support 7 th or 8 th generation			

Serial ATA Hard Drive	1TB or higher SATA-II or higher HDD, 7200 RPM or higher			
Memory	8GB – DDR4 SDRAM @ 2400 MHz or higher, Expandable Upto 32GB			
Optical Drive	DVD Drive			
LAN	Integrated Ethernet Controller, 10M or above			
Wi-Fi	Standard Wi-Fi Adapter			
Ports	Min 2 PCI/PCI Express slots. Integrated Graphics Controller, 10/100/1000 Mbps Network Card with remote booting facility & Min 4 USB Ports with at least two with 3-0, VGA / Display port, HDMI, RJ45 and support to Ext speakers of Min 2 watts.			
Display Monitor	19" TFT / Wide LED Color Monitor. Resolution 1366 x 768			
Interface	Rj45 (10/100/1000 Mbps), 3 PCI / PCI Express Slots and Network Card with Remote Booting Facility or above.			
Power Supply	150 W (auto-sensing)			
Keyboard	Membrane			
Mouse	OEM Pack USB Optical Scroll Mouse with Mouse Pad			
Preloaded Software	a. Licensed Windows 10 Pro or above (OEM Pack)			
	b. Adobe Acrobat Reader Latest Edition			
	c. Microsoft Office Latest Edition			

	d. Licensed Antivirus Software with three – year free upgrade validity			
	e. All necessary plug-ins / utilities and drivers bundled in DVD Media			
Security	Discrete TPM 2.0 Chip			
General Certification	ROHS Certified for PC and TCO certified for Monitor. Copy should be enclosed.			

Code	Item Description	Qty
33447-A2–AIO- 009	23.8" - All in One Desktop – i3 PC	1 No

Parameter	Specification	As Per Brochure	Bidders Offer	Bidder Compliance (Yes/No)
Processor	Intel core i3 – 10105 Processor 10th Gen (4 core,6M Cache,3.7GHz to 4.4GHz) or Intel core i3 – 10100T Processor 10th Gen or equivalent.			
Memory	8 GB DDR4 -2666 SDRAM (2 x 4GB)			
Hard Disk	512GB PCIe, NVMe M.2 SSD			
Display	60.45CM(23.8) DIAGONAL,fhd(1920X1080),IPS			
Webcam	720p			
Keyboard,Mouse	USB - wireless keyboard and mouse combo			

Network Interface	Integrated Ethernet 10/100/1000 GbELAN,Realtek RTL8821CE 802.11a/b/g/n/ac(1x1)Wi-Fi and Bluetooth 4.2 comb			
Ports	Min 4 USB ports (Side / Rear) with at least one with 3.0 USB, 1 HDMI / DP port, 1 RJ45 port. Audio 3.5mm. Internal speakers and support to Ext speakers of min 2 watts.			
General Certification	Hazardous - RoHS, FCC, Safety -CE / UL, BIS, Energy efficiency - Energy Star Environment – EPEAT			
Power supply	Suitable standard Power Adapter			
Operating system	Windows 10 Home			
OS Compliance	Windows & Linux by OEM			
Software included	1. Microsoft office 2019-Home and Student. 2.Antivirus			

Code	Item Description	Qty
33447-OL 5KVA - 240	5 KVA On-Line	1 No

Parameter	Specification	As Per Brochure	Bidders Offer	Bidder Compliance (Yes/No)
Capacity	5 KVA TRUE ONLINE UPS			
Back-up Time	For code OL5000-240 – 240 minutes			
Inverter Type	IGBT (Make and current capacity to be specified by the tenderer)			
Mains Voltage Regulation	150 - 270V AC, SINGLE PHASE			
Input power factor	> 0.9			
Input Frequency with Tolerance	50 Hz, +/- 3 Hz			
Battery (Secondary Source)	<p>Sealed maintenance free(SMF) type – AH and no. of Batteries shall be suitably selected for the respective minimum backup time of 70% Resistive Load.</p> <p>Sealed maintenance free (SMF) type – AH and No. of Batteries shall be suitable selected for required backup time.</p>			

Make of the Battery	Specify the Manufacturer Make, Model and enclose the technical specification sheet. The make and AH of the battery submitted for evaluation only will be accepted.			
Battery Storage Box/Rack	External Storage Box / MS-Rack for housing the Batteries. with safety provisions to be supplied along with the UPS system			
Output Voltage	230V AC, Single Phase (+/-1%)			
Output Frequency with Tolerance	50 Hz, +/- (0.2) Hz			
Waveform	Pure Sine wave			
Load power factor	0.8 PF			
Overload Capacity	With stand for 5 minutes at 110% for 0.8 Power factor			
Total Harmonic Distortion	< 4% for Linear load and 5% for non linear load			
Over all Efficiency	> 80%			
Ambient Temperature	0 to 45 degCel			
Duty Cycle	Continuous			
Cooling	Forced air cooling			

Protections	<ul style="list-style-type: none"> 1) Input, Output – Low and High 2) Battery low and high voltage 3) Input, output – Fuse 4) Battery - MCB/Fuse 5) Short circuit 6) Over load 7) Transient surge 			
Controls	Manual By-pass Switch and static bypass switch to be provided with Indications			
Power sockets	1 No.32 Amps. Capacity Terminal Block			
Trip Conditions	Over load, Over and Under voltage, Short Circuit			
Indications	Mains ON, Inverter ON, Battery Low, Overload.			
Alarms (Audio)	For extreme battery low voltage.			
Meters/Percentage level	AC O/P Voltage, O/P current, I/P Voltage, I/P Current, Battery Voltage, Battery Current,			
Manuals	Operating and User manual to be Provided			
Name Plate in the UPS	Sr.No and Name plate in UPS-Riveted metal plates / Stickers			
Isolation Transformer	Isolation Transformer must be provided internally / externally at input.			

Certification	SAMEER / ETDC / NTH / ERTL / NABL's or any other Government authorized Testing Lab Certification for any back up of each UPS Category Mandatory for this specification (issued within last 6 years) for the product which are not approved by ELCOT. ISO Certifications Mandatory - ISO 9001:2015 and ISO 14001:2015			
Other Features	SNMP Card - Provisions should be available Diesel Generator – Compatible			

Annexure E

Annexure-2 PRICE BID – A2.1 to A2.14with Warranty

A2.1 Price Bid – Category A1 - Desktop Computers

S.N	Product Code	Description	Qty/ Unit	Basic Unit Price In Rs.	GST in % for Col no.5	GST Value in Rs. For Col No.5	Total Unit Price with GST (Rs.) (5)+(7)
1	2	3	4	5	6	7	8
1	33447-A1-DT-001	i3 - Desktop Computer	1 No.				
2	33447-A1-DT-002	i5 - Desktop Computer	1 No.				
3	33447-A1-DT-003	i7 - Desktop Computer	1 No.				
4	33447-A1-DT-004	i9 - Desktop Computer	1 No.				
5	33447-A1-DT-005	i5 –Desktop Computer (A)	1 No.				
6	33447-A1-DT-006	i7 –Desktop Computer (B)	1 No.				
7	33447-A1-DT-007	i5 Desktop Computer with TPM	1 No.				
8	33447-A1-DT-008	i7 Desktop Computer with TPM	1 No.				

9	33447-A1-DT-009	AMD Ryzen3 - Desktop Computer	1 No.				
10	33447-A1-DT-010	Work Station	1 No.				
11	33447-A1-DT-011	i3 - Desktop Computer(A)	1 No.				
12	33447-A1-DT-012	i5 - Desktop Computer(C)	1 No.				
13	33447-A1-DT-013	i7 - Desktop Computer(D)	1 No.				
		ADD ON ITEMS					
14	33447-A1-DT-014	Antivirus - McAfee/ Norton/Etrust/Kasper sky/Quickheel/K7 with 3 year Licence	1 No.				
15	33447-A1-DT-015	Antivirus - McAfee/Norton/Etrust/Kaspersky/Quick heel/K7 with 1 year Licence	1 No.				
16	33447-A1-DT-016	Windows 10 Professional Pre – loaded(with Licensed Key)	1 No.				
17	33447-A1-DT-017	Windows 10 SL Pre – loaded (with Licensed Key)	1 No.				
18	33447-A1-DT-018	Windows 10 Academic Pre - loaded(with Licensed Key)	1 No.				
19	33447-A1-DT-019	Windows 10 Home Pre – loaded (with Licensed Key)	1 No.				
20	33447-A1-DT-020	Preloaded Ubuntu Linux in lieu of	1 No.				

		Preloaded Boss Linux					
21	33447-A1-DT-021	4GB DDR4 Memory	1 No.				
22	33447-A1-DT-022	8GB DDR4 Memory	1 No.				
23	33447-A1-DT-023	16GB DDR4 Memory	1 No.				
24	33447-A1-DT-024	32GB DDR4 Memory	1 No.				
25	33447-A1-DT-025	8GB DDR4 Memory in lieu of 4GB	1 No.				
26	33447-A1-DT-026	16GB DDR4 Memory in lieu of 4GB	1 No.				
27	33447-A1-DT-027	16GB DDR4 Memory in lieu of 8GB	1 No.				
28	33447-A1-DT-028	32GB DDR4 Memory in lieu of 8GB	1 No.				
29	33447-A1-DT-029	32GB DDR4 Memory in lieu of 16GB	1 No.				
30	33447-A1-DT-030	Internal 1TB SATA HDD	1 No.				
31	33447-A1-DT-031	Internal 2TB SATA HDD	1 No.				
32	33447-A1-DT-032	2TB HDD in lieu of 1TB SATA HDD	1 No.				
33	33447-A1-DT-033	Internal SSD - 128GB (Desktop/Laptop)	1 No.				

34	33447-A1-DT-034	Internal SSD - 256GB (Desktop/Laptop)	1 No.				
35	33447-A1-DT-035	Internal SSD - 512GB (Desktop/Laptop)	1 No.				
36	33447-A1-DT-036	Internal SSD - 1TB (Desktop/Laptop)	1 No.				
37	33447-A1-DT-037	External 1TB HDD	1 No.				
38	33447-A1-DT-038	External 2TB HDD	1 No.				
39	33447-A1-DT-039	External 4TB HDD	1 No.				
40	33447-A1-DT-040	19"(±0.5 inch) LED Monitor	1 No.				
41	33447-A1-DT-041	21"(±0.5 inch) LED Monitor	1 No.				
42	33447-A1-DT-042	23"(±0.5 inch) LED Monitor	1 No.				
43	33447-A1-DT-043	27" (±0.5 inch) LED Monitor	1 No.				
44	33447-A1-DT-044	21" LED Monitor in lieu of 19" LED Monitor	1 No.				
45	33447-A1-DT-045	23" LED Monitor in lieu of 19" LED Monitor	1 No.				
46	33447-A1-DT-046	27" LED Monitor in lieu of 19" LED Monitor	1 No.				
47	33447-A1-DT-047	Membrane Keyboard	1 No.				

48	33447-A1-DT-048	Mechanical Keyboard	1 No.				
49	33447-A1-DT-049	Bi-Lingual Keyboard	1 No.				
50	33447-A1-DT-050	Wireless Keyboard	1 No.				
51	33447-A1-DT-051	Mechanical keyboard in lieu of membrane keyboard	1 No.				
52	33447-A1-DT-052	Bi-Lingual Keyboard in lieu of Membrane keyboard	1 No.				
53	33447-A1-DT-053	Wireless Keyboard in lieu of membrane keyboard	1 No.				
54	33447-A1-DT-054	Wireless Keyboard and Mouse Combo	1 No.				
55	33447-A1-DT-055	Wired Optical Mouse with Pad	1 No.				
56	33447-A1-DT-056	Wireless Mouse with Pad	1 No.				
57	33447-A1-DT-057	Wireless Mouse with pad in lieu of Optical Mouse	1 No.				
58	33447-A1-DT-058	2GB Graphics Card	1 No.				
59	33447-A1-DT-059	4GB Graphics Card	1 No.				
60	33447-A1-DT-060	2GB Graphics Card for work station	1 No.				

61	33447-A1-DT-061	4GB Graphics Card for work station	1 No.				
62	33447-A1-DT-062	8GB Graphics Card for work station	1 No.				
63	33447-A1-DT-063	Built-in Wi-Fi Device for Desktop	1 No.				
64	33447-A1-DT-064	Webcam (HD video calling and video capture upto 1280 * 720 pixel @ 30 fps Min 2 MP or above Hi - speed USB 2.0 certified or above Built-in mic with noise reduction Auto focus)	1 No.				
65	33447-A1-DT-065	Ext USB speaker (Minimum 20 watts)	1 No.				
66	33447-A1-DT-066	Bluetooth Speaker (Minimum 20 watts)	1 No.				
67	33447-A1-DT-067	Internal 500GB SATA HDD	1 No.				
68	33447-A1-DT-068	1TB HDD in lieu of 500GB SATA HDD	1 No.				
69	33447-A1-DT-069	Windows 10 Professional Pre – loaded inlieu of Linux	1 No.				
70	33447-A1-DT-070	Windows 10 SL Pre – loaded inlieu of Linux	1 No.				
71	33447-A1-DT-071	Windows 10 Academic Pre – loaded inlieu of Linux	1 No.				

72	33447-A1-DT-072	Windows 10 Home Pre – loaded in lieu of Linux	1 No.				
73	33447-A1-DT-073	Adobe Acrobat Reader Latest Edition (DC Edition)	1 No.				
74	33447-A1-DT-074	Microsoft Office Latest (Standard Edition) with License keys	1 No.				
75	33447-A1-DT-075	Licensed Windows 10 Pro or above	1 No.				
76	33447-A1-DT-076	Windows 10 Professional Advanced Pre – loaded for Workstation	1 No.				
		Total					

Note:

- 1) **The Bidder shall submit the offer by filling up all the columns against each item. Partial bid is allowed. However, the bidder should ensure that the prices are quoted for the corresponding accessories relevant to the items quoted**
- 2) **Warranty: One year minimum warranty or Product Standard warranty whichever is higher**
- 3) **The Rate Contract will be valid for 1 year from the date of signing of the contract or agreement / date of release of the Purchase order, whichever is later.**

Annexure F

A2.2 Price Bid – Category A2- All-in-one Computers

S.N	Product Code	Description	Qty / Unit	Basic Unit Price In Rs.	GST in % for Col no.5	GST Value in Rs. For Col No.5	Total Unit Price with GST (Rs.) (5)+(7)
1	2	3	4	5	6	7	8
1	33447-A2-AIO- 001	21.5" - All in One Desktop - i3 PC, Non Touch	1 No.				
2	33447-A2-AIO- 002	21.5" - All in One Desktop - i5 PC, Non Touch	1 No.				
3	33447-A2-AIO- 003	21.5" - All in One Desktop - AMD PC, Non Touch	1 No.				
4	33447-A2-AIO- 004	24" - All in One Desktop - i3 PC, Non Touch	1 No.				
5	33447-A2-AIO- 005	24" - All in One Desktop - i5 PC, Non Touch	1 No.				
6	33447-A2-AIO- 006	24" - All in One Desktop - i5 PC, Touch with 4 GB Graphics	1 No.				
7	33447-A2-AIO- 007	27" FHD - All in One Desktop - i7 PC, Touch	1 No.				

8	33447-A2-AIO- 008	27" FHD - All in One Desktop - i7 PC, Non Touch	1 No.				
9	33447-A2-AIO- 009	23.8" - All in One Desktop - i3 PC	1 No.				
		Total					

Note:

- 1) **The Bidder shall submit the offer by filling up all the columns against each item. Partial bid is allowed. However, the bidder should ensure that the prices are quoted for the corresponding accessories relevant to the items quoted**
- 2) **Warranty: One year minimum warranty or Product Standard warranty whichever is higher**
- 3) **The Rate Contract will be valid for 1 year from the date of signing of the contract or agreement / date of release of the Purchase order, whichever is later.**

Annexure G

A2.4 Price Bid – Category A4 -UPS Systems

S.N	Product Code	Description	Quantity/ Unit	Basic Unit Price In Rs.	GST in % for Col no.5	GST Value in Rs. For Col No.5	Total Unit Price with GST (Rs.) (5)+(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	33447-LIA-600-30-001	600 VA – LIA – 30 minutes with 91% inverter efficiency	1 No				
2	33447-LIA-600-30-002	600 VA LIA – 30 Minutes Backup	1 No				
3	33447-OL 1KVA - 30	1KVA On-Line with SMF Batteries – 30 Minutes Backup	1 No				
4	33447-OL 1 KVA - 60	1KVA On-Line with SMF Batteries– 60 Minutes Backup	1 No				
5	33447-OL 1 KVA – 120	1KVA On-Line with SMF Batteries – 120 Minutes Backup	1 No				
6	33447-OL 2 KVA -30	2 KVA On-Line with SMF Batteries – 30 Minutes Backup	1 No				

7	33447-OL 2 KVA -60	2 KVA On-Line with SMF Batteries – 60 Minutes Backup	1 No				
8	33447-OL 2 KVA -120	2 KVA On-Line with SMF Batteries – 120 Minutes Backup	1 No				
9	33447-OL 5 KVA -30	5 KVA On-Line with SMF Batteries – 30 Minutes Backup	1 No.				
10	33447-OL 5 KVA -60	5 KVA On-Line with SMF Batteries – 60 Minutes Backup	1 No				
11	33447-OL 5 KVA -120	5 KVA On-Line with SMF Batteries – 120 Minutes Backup	1 No				
12	33447-OL 10 KVA -30	10 KVA On-Line with SMF Batteries – 30 Minutes Backup	1 No.				
13	33447-OL 10 KVA -60	10 KVA On-Line with SMF Batteries – 60 Minutes Backup	1 No				
14	33447-OL10 KVA -120	10 KVA On-Line with SMF Batteries – 120 Minutes Backup	1 No				
15	33447-OL 20 KVA -30	20 KVA On-Line with SMF Batteries – 30 Minutes Backup	1 No.				
16	33447-OL 20 KVA -60	20 KVA On-Line with SMF Batteries – 60 Minutes Backup	1 No				
17	33447-OL 20 KVA -120	20 KVA On-Line with SMF Batteries – 120 Minutes Backup	1 No				
18	33447-OL 1 KVA-WOB	1 KVA On-Line without Battery	1 No				

19	33447-OL 2 KVA-WOB	2 KVA On-Line without Battery	1 No				
20	33447-OL 5 KVA-WOB	5 KVA On-Line without Battery	1 No				
21	33447-OL 10 KVA-WOB	10 KVA On-Line without Battery	1 No				
22	33447-OL 20 KVA-WOB	20 KVA On-Line without Battery	1 No				
23	33447-OL 5 KVA -240	5 KVA On-Line with SMF Batteries – 240 Minutes Backup	1 No				
		Total					

- 1) **The Bidder shall submit the offer by filling up all the columns against each item. Partial bid is allowed. However, the bidder should ensure that the prices are quoted for the corresponding accessories relevant to the items quoted**
- 2) **Warranty: One year minimum warranty or Product Standard warranty whichever is higher.**
- 3) **The Rate Contract will be valid for 1 year from the date of signing of the contract or agreement / date of release of the Purchase order, whichever is later.**