



**Telangana State Technology Services Ltd.,**  
2nd Floor, HACA Bhavan, Opp. to Assembly, Nampally  
Hyderabad – 500004, Telangana State, India.  
**Phone:** (40)23224935, 23226970; **Fax:** 23227458  
**Email:** mngdirector-tsts@telangana.gov.in  
**Website:** <http://www.tsts.telangana.gov.in>,  
CIN No: U74900TG2015SGC101517

File Number: TSTS/HWP1/PRED/DESK/0002/2019

Dated: 30/12/2019

To  
The Prospective Bidders

### Tender Notice

Sub:	TSTSL-HWP1- Invites quotations for Supply & Installation of Desktops - 47 Nos, MF Printers – 47 Nos and 10 KVA UPS – 5 Nos to the Chief Engineer, MIS, Panchayat Raj Department, SRTGN Bhavan, Errumanzil Colony, Hyderabad, Telangana. – Reg.
Time Schedule	Last date and time for receipt of quotations : 07/01/2020 03:00 PM Date and Time for opening of quotations : 07/01/2020 03:30 PM The bidders are requested to send the clarifications, if any by 02-01-2020. Communication: ( <a href="mailto:bvrao-tsts-ts@telangana.gov.in">bvrao-tsts-ts@telangana.gov.in</a> , ph-9963029403).
1	<b>Bids should be submitted on e-procurement website</b>
2	Any deviations in format may make the quotation liable for rejection.
3	Quotation should be valid at least for a <b>period of 60 days</b> from the date of bid opening.
4	Managing Director, TSTSL reserves the right to accept or reject any or all the quotations without assigning any reasons thereof and to add, modify or delete any of the terms and conditions without any notice.
5	Conditional bids not acceptable and liable for rejection.
6	Bidder has to quote for all items mentioned in a schedule wise of the tender document. L-1 will be arrived considering overall total cost by schedule wise of the tender. The bid/tender will be rejected if the bidder has not quoted for all the items.
7	No options will be accepted. If the vendor wants to give option, he may submit it as separate bid along with Separate EMD. This will be treated as a separated bid for evaluation.
8	Persistent complaints from the user Department during the warranty period relating to the improper service will be sufficient ground for the TSTSL to blacklist the successful bidder from participating in future tenders.
9	<b>EMD: The vendor should submit EMD for an amount of Rs. 1,00,000/-</b> in the form of Demand Draft from any scheduled bank in favour of The Managing Director, Telangana State Technology Services Limited.
10	<b>Eligibility :</b> 1. The bidder should have cumulative financial turnover of Rs. 1 Crore or above in the last 3 financial years (2016-17, 2017-18, 2018-19). The bidder should submit audited balance sheets / CA certificate in the Technical bid. 2. The bidder should submit MAF for Desktops, MF Printers and 10 KVA UPS. 3. The bidder should submit the Valid POs, Minimum 100 Nos of Desktops, Minimum 80 Nos MF Printers and Minimum 5 Nos 5 KVA UPS or higher sales turnover during 2016-2019.

	<p>4. The Bidder should have minimum five Service centers as on bid calling date in Telangana. Details of the service center and service engineer details should be submitted in Technical Bid.</p> <p>5. The bidder should submit declaration stating that they are not debarred/blacklisted in Technical bid.</p> <p>6. The bidder should submitted valid statutory documents in technical bid: copy of PAN card and copy of VAT/Sale tax registration/GST.</p>				
11	<p><b>Delivery &amp; Installation:</b></p> <p>1. Successful Bidder shall deliver and install the goods/services within the delivery and installation period. For any delays in delivery and installation beyond delivery &amp; installation period mentioned in the purchase order, the vendor will be liable for penalties as mentioned in Clause 13.</p> <p>2. PO consisting of 1-5 locations, vendor has to deliver and install the equipment or has to obtain Site <u>Not Ready Certificate</u> (where ever Site is Not Ready) from User Department officials within week days from the due date of Delivery and installation.</p> <p>3. PO consisting of more than 5 locations, vendor has to deliver and install the equipment or has to obtain Site <u>Not Ready Certificate</u> (where ever Site is Not Ready) from User Department officials within in 2 weeks from the due date of Delivery.</p>				
12	<p><b>Payment Terms:</b> For all the items:</p> <p>1. 90 % payment on delivery &amp; successful installation of items.</p> <p>2. 10 % payment on submission of AT conducted by TSTSL.</p> <p>3. Incase site not ready: 75% of the contract value for that site/location.</p> <p><b>Note:</b> All the Delivery Challans &amp; Installation Reports/Site Not Ready Certificate/report to be Counter signed by the respective Competent Authority.</p>				
13	<p><b>Penalty for late delivery &amp; installation:</b> For any delay in delivery and installation, the bidder will be liable for penalties as follows:</p> <p>1. 1% of the late delivered/installed goods for One week or part thereof; 1.5%, for Two weeks or part thereof; 2% for Three weeks or part thereof and so on up to a maximum of 10% on the value of late delivered/installed goods.</p> <p>2. If any delay is for more than 30 days, TSTSL will reserve the right to cancel the order without giving any notice and EMD will be liable for forfeiture.</p>				
14	<p><b>After Delivery &amp; installation:</b> TSTSL will conduct AT.</p>				
15	<p><b>Up time:</b> The bidder should attend &amp; resolve to the breakdown call within 24 Hours. If any spare parts are to be replaced the call shall be completed within 96 Hours excluding holidays from the date of attending the call. Failing which penalty is applicable as per terms &amp; conditions.</p>				
16	<p>If down time is more than the permissible down time following penalties shall apply (for every day beyond permissible window time penalty shall be imposed as mentioned below in the table</p> <table border="1"> <thead> <tr> <th>Item</th> <th>Penalty beyond permissible down time for every day or part thereof and soon.</th> </tr> </thead> <tbody> <tr> <td>All Items</td> <td>0.4% of the total cost of the equipment at that site subject to a maximum of total equipment cost at that site.</td> </tr> </tbody> </table> <p><b>Note:</b> The penalty amount will be deducted from the amounts payable to the bidder by TSTSL. Once this amount is exhausted, penalty the bidder will be debarred from participating in tenders till the time he recoups the penalty</p>	Item	Penalty beyond permissible down time for every day or part thereof and soon.	All Items	0.4% of the total cost of the equipment at that site subject to a maximum of total equipment cost at that site.
Item	Penalty beyond permissible down time for every day or part thereof and soon.				
All Items	0.4% of the total cost of the equipment at that site subject to a maximum of total equipment cost at that site.				

	amount.
17	<p><b>Bidding Procedure (Schedule-wise):</b> Bids should be submitted in two parts namely, “Technical bid” and “Financial bid. The bidder should submit all the required formats and documents as mentioned in the tender document.</p> <p><b>Technical Bid:</b></p> <ol style="list-style-type: none"> <li>1. Bid Letter Form</li> <li>2. Firm Turnover: Audited balance sheets / CA certificate</li> <li>3. Sales turnover of items copies of purchase orders or work orders.</li> <li>4. MAF from OEMs</li> <li>5. Service Centers details: Form P1</li> <li>6. Declaration regarding not black listed form P2</li> <li>7. Form T1 (Undertaking)</li> <li>8. Form T2 (Technical compliance of offered items)</li> <li>9. Technical datasheets, certifications, literature etc for the offered items</li> <li>10. Un-Priced form F1</li> <li>11. PAN card and VAT/Sales Tax certificates</li> <li>12. Any other documents as per tender document, if any</li> </ol> <p><b>Financial Bid:</b> To be submitted on <b>e-procurement website only.</b></p>
18	<p><b>Other Terms &amp; Conditions</b></p> <p><b>Transaction fee:</b> All the participating bidders who submit the bids have to pay an amount @ 0.03% of their final bid value online with a cap of Rs. 10,000/- for quoted value of purchase up to Rs.50 crores and Rs.25000/- if the purchase value is above Rs.50 crores &amp; service tax applicable @ 15% as levied by Govt. of India on transaction fee through online in favour of MD, TSTSL . The amount payable to TSTSL is non refundable.</p> <p><b>Corpus Fund:</b> Successful bidder has to pay an amount of 0.04% on quoted value through demand draft in favour of Managing Director, TSTSL, Hyderabad towards corpus fund at the time of concluding agreement.</p>
19	Transaction Fee Payable to The Managing Director, Telangana State Technology Services Ltd, Hyderabad
20	Bidders are requested to submit the bids after issue of amendments/clarifications duly considering the changes made if any. Bidders are totally responsible for incorporating/complying the changes/amendments issued if any, before bid submission time & date.
21	<p>Bids shall be submitted online on <a href="http://www.eprocurement.gov.in">www.eprocurement.gov.in</a> platform</p> <ol style="list-style-type: none"> <li>1. The participating bidders in the tender should register themselves free of cost on e-procurement platform in the website <a href="http://www.eprocurement.gov.in">www.eprocurement.gov.in</a>.</li> <li>2. Bidders can log-in to e-procurement platform in Secure mode only by signing with the Digital certificates.</li> <li>3. The bidders who are desirous of participating in e-procurement shall submit their technical bids, price bids as per the standard formats available at the e-market place.</li> <li>4. The bidders should scan and upload the respective documents in Technical bid documentation as detailed mentioned in bid document including EMD. The bidders shall sign on all the statements, documents certificates uploaded by them, owning responsibility for their correctness/authenticity.</li> <li>5. The rates should be quoted in online only</li> </ol>

22	<p>1. After uploading the documents, the copies of the uploaded statements, certificates, documents, original EMD in respect of Bid Security (except the Price bid/offer/break-up of taxes) are to be submitted by the bidder to the O/o The Managing Director, TSTSL, HACA Bhavan, 2<sup>nd</sup> Floor, Opp. To Assembly, Nampally, Hyderabad as and when required.</p> <p>Failure to furnish any of the uploaded documents, certificates, will entitled in rejection of the bid. The TSTSL shall not hold any risk on account of postal delay or submission of bid on e-procurement website within the time. Similarly, if any of the certificates, documents, etc., furnished by the Bidder are found to be false / fabricated / bogus, the bidder will be disqualified, blacklisted, action will be initiated as deemed fit and the Bid Security will be forfeited.</p> <p>2. TSTSL will not hold any risk and responsibility regulating non-visibility of the scanned and uploaded documents.</p> <p>3. The Documents that are uploaded online on e-market place will only be considered for Bid Evaluation.</p> <p>4. Important Notice to Contractors, Suppliers and Department users  (i) In the endeavor to bring total automation of processes in e-Procurement, the Govt. has issued orders vide G.O.Ms.No. 13 dated. 5.7.2006 permitting integration of electronic Payment Gateway of ICICI/HDFC/Axis Banks with e-Procurement platform, which provides a facility to participating suppliers / contractors to electronically pay the transaction fee online using their credit cards.</p>
23	<p><b>Note :</b>  This Tender call is issued on e-procurement market place at <a href="http://www.eprocurement.gov.in">www.eprocurement.gov.in</a>. All the terms and conditions are to be read jointly as mentioned in the e-procurement market website and in this document.</p>
24	<p>TSTSL /User Department reserves their right in not considering the bid of a bidder, if such bidder was a previous supplier and had a past bad track record or their earlier performance was unsatisfactory or the Department noticed regarding unsatisfactory performance of the offered OEM brand items which were procured earlier on any count.</p>
25	<p>Delivery Location: Locations list will be given at the time of PO issue.</p>
26.1	<p>Service Level Agreement  Maintenance Service:  Free maintenance services including spares shall be provided by the supplier during the period of warranty. User, at its discretion may ask the Supplier to provide maintenance services after warranty period, i.e. Annual maintenance and repairs of the system at the rates indicated by bidder in its proposal and on being asked so, the Supplier shall provide the same. The cost of annual maintenance and repairs cost (after warranty period), which will include cost of spares replaced, shall be paid in equal quarterly installments at the end of each quarter.</p> <p>The maximum response time for maintenance complaint from any of the destination (i.e. time required for supplier's maintenance engineers to report to the installations after a request call/mail is made or letter is written) shall not exceed 48 hours failing which action will be initiated on the supplier and the supplier will be blacklisted without any further Notice.</p> <p>The Supplier will accomplish preventive and breakdown maintenance activities to ensure that all hardware, and firmware execute without defect or interruption</p>

	<p>for at least required up time.</p> <p>In case up time is less than the stipulated up time, penalty as indicated in the tender document shall be imposed on the supplier.</p> <p>The amount of penalty if any, will be recovered at source from the performance guarantee during the warranty or from annual maintenance charges payable as the case may be or the penalty amounts will be deducted from the amounts payable to the Supplier by TSTSL (Once this amount is exhausted, the bidder will be debarred from participating in tenders till the time he recoups the penalty amount).</p>
26.2	Licensing considerations: The software and hardware mentioned in Purchase order will be used throughout Telangana or user's sites even outside Telangana
26.3	<p>Spare Parts:</p> <ol style="list-style-type: none"> <li>1. The Supplier may be required to provide any or all of the following materials, notifications and information pertaining to spare parts manufactured or distributed by the Supplier.</li> <li>2. Such spare parts as the TSTSL may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under the PO.</li> <li>3. In the event of termination of production of the spare parts, an advance notification to the TSTSL of the pending termination, in sufficient time to permit the TSTSL to procure needed requirements</li> <li>4. The Supplier shall ensure availability of spares in stock at his nearest service centre for immediate delivery such spare parts as: (a) are necessary for a minimum of 5 years of operation After installation at the Purchaser's sites (b) are necessary to comply with specifications.</li> </ol>
26.4	<p>Warranty :</p> <p>The Supplier warrants that the goods and services supplied under the PO are new, unused, of the most recent or current models and that they incorporate all recent improvements in design and materials unless provided otherwise in the PO. The Supplier further warrants that all goods and services supplied under this PO shall have no defect arising from design, materials or workmanship or from any act or omission of the Supplier that may develop under normal use of the supplied goods in the conditions prevailing in the country of final destination.</p> <p>The warranty period shall be as stated in bid document. The Supplier shall, in addition, comply with the performance guarantees, if any, specified under the PO. If, for reasons attributable to the Supplier, these guarantees are not attained in whole or in part, the Supplier shall, make such changes, modifications, and/or additions to the goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the PO at its own cost and expenses and to carry out further performance tests.</p> <p>The equipment supplied should achieve required up time.</p> <p>TSTSL /user shall promptly notify the Supplier in writing of any claims arising under this warranty.</p> <p>Upon receipt of such notice, the Supplier shall, within the period specified and with all reasonable speed, repair or replace the defective goods and services or parts thereof, without costs to the user.</p> <p>If the Supplier, having been notified, fails to remedy the defect(s) within a reasonable period, the TSTSL /user may proceed to take such remedial action as may be procurement of hardware for the Department necessary, at the Supplier's risk and expense and without prejudice to any other rights which the</p>

	TSTSL /user may have against the Supplier under the PO.
26.5	<b>Training:</b> For each hardware and software component installed, the Supplier may be required to train the designated TSTSL and user Department personnel to enable them to effectively operate the total system. The training, if required, shall be given, as specified at the locations specified. The training schedule will be agreed to by both parties.
26.6	<b>Site Preparation and Installation:</b> The Purchaser is solely responsible for the construction of the installation sites except where it is specifically required under bid document. The bidder will designate to perform a site inspection to verify the appropriateness of the sites before the installation of every hardware related item

Sd/-  
**Manager (HWP1)**

## **Bid Formats**

### **Bid Letter Form**

From:

(Registered name and address of the bidder.)

To: Telangana State Technology Services Limited,  
HACA Bhavan, 2nd floor, Opp. To Assembly, Nampally,  
Hyderabad, TS. PIN: 500 004, India.

Sir,

Having examined the bidding documents and amendments there on, we the undersigned, offer to provide services/execute the works including supply, delivery installation of hardware, firm wares and software as the case may be, in conformity with the terms and conditions of the bidding document and amendments there on, for the following project in response to your tender call no TSTS/HWP1/PRED/DESK/0002/2019 Dt. 30-12-2019, Project title: \_\_\_\_\_, We undertake to provide services/execute the above project or its part assigned to us in conformity with the said bidding documents for an amount quoted in financial bid accordance with the schedule of prices attached herewith and coverage options made by TSTSL or its user organization.

If our bid is accepted, we undertake to;

- a. provide services/execute the work according to the time schedule specified in the bid document,
- b. obtain the performance guarantee of a bank in accordance with bid requirements for the due performance of the contract, and
- c. Agree to abide by the bid conditions, including corrigendum, if any, which remain binding upon us during the entire bid validity period and bid may be accepted any time before the expiration of that period.

We understand that you are not bound to accept the lowest or any bid you may receive, nor to give any reason for the rejection of any bid and that you will not defray any expenses incurred by us in bidding.

**Date & Place:**

**Signature of Bidder & Stamp**

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**Form P1 - Details of Service Centers in Telangana State**

<b>S.No</b>	<b>District</b>	<b>Full Address of service center</b>	<b>Contact person with phone No.</b>	<b>No. of support engineers and their details : Name, Qualification and Experience</b>
<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>
1				
2				
3				
4				
5				

**Date & Place:**

**Signature of Bidder & Stamp**

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**Form P2 - Declaration Regarding Clean Track Record**

To,  
The Managing Director  
TelanganaState Technology Services Limited  
HACA Bhavan, 2<sup>nd</sup> Floor, Opp.to Assembly, Nampally  
Hyderabad 500004, , India

Sir,

I have carefully gone through the Terms & Conditions contained in the Tender Document TSTS/HWP1/PRED/DESK/0002/2019 Dt.30-12-2019, I hereby declare that my company/Consortium Partners has not been debarred/ black listed as on Bid calling date by any Central or State Government / Quasi Government Departments or Organizations in India for non-satisfactory past performance, corrupt, fraudulent or any other unethical business practices. I further certify that I am competent officer in my company to make this declaration.

Yours faithfully,

**(Signature of the Bidder)**

**Name & Designation**

**Seal & Date:**

**Business Address:**

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**Form T1 - Sub: Undertaking of authenticity for Hardware**

This has reference to Hardware items being supplied/quoted vide Tender No TSTS/HWP1/PRED/DESK/0002/2019 Dt.30-12-2019, We hereby undertake that all the components/parts/assembly/software used in the Hardware/ Software like Hard disk, Monitors, Memory etc shall be original new components/parts/assembly/software from respective OEMs of the products and that no refurbished/duplicate/second hand components/parts assembly/software are being used or shall be used.

We also undertake that in respect of licensed operating system if asked by you in the purchase order shall be supplied along with the authorized license certificate (eg Product Keys on Certification of Authenticity in case of Microsoft Windows Operating System) and also that it shall be sourced from the authorized source (eg Authorized Microsoft Channel in case of Microsoft Operating System)

Should you require, we shall produce certificate from our OEM supplier in support of above undertaking at the time of delivery. It will be our responsibility to produce such letters from our OEM supplier's within a reasonable time.

In case we are found not complying with above at the time of delivery or during installation, for the Hardware / Software already billed, we agree to take back the Hardware/ Software if already supplied and return the money if any paid to us by you in this regard.

**Authorized Signatory**

**Name & Designation.**

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**Annexure I - Manufacturer Authorization**

**Tender Ref. No:** \_\_\_\_\_ **Dt:** \_\_\_\_\_

The authorization should be in the nature of a letter, memorandum or certificate regularly granted by the manufacturer to its channel partners, authorized solution providers, system integrators, distributors, etc. or a specific letter issued for purposes of this bid. Such communication should include statements / undertakings from the said manufacturer to the following effect:

1. Warranty coverage in respect of the goods and services manufactured by the said manufacturer shall be honored by that manufacturer, their channel partners, distributors, and authorized service centers as the case may be.
2. The manufacturer updates the bidder and their technical personnel with relevant technical literature, training and skill transfer workshops etc. on a regular basis.
3. The manufacturer provides back to back technical support to the said bidder on a continuing basis.
4. The said bidder is authorized to provide service and solutions using hardware, firmware and / or software as the case may be.

**Signature with Name,  
Designation,  
Phone No & e-mail ID.**

**Note:** The letter of authority should be signed by a person competent and having the power of attorney to bind the manufacturer. **The MAF shall be submitted on Letter Head of the OEM.**

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**Technical Bid Format - Form T2**

**1. Desktops : 47 Nos.**

<b>Parameter</b>	<b>Specifications</b>	<b>Compliance / Remarks (Yes/No)</b>
Make and Model	<< Specify >>	
Processor	x86 Processor with 3.60 GHz base frequency, 6 MB Cache or higher, 4 cores/threads or higher. The Processors should not be mentioned in end-of-life declaration by OEM as on bid calling date.	
Chipset Technology	Intel B360 chipset or equivalent, OEM motherboard with support for PCI Express x16 Graphics port.	
Motherboard	OEM Motherboard with TPM 1.2 or higher.	
RAM	4 GB DDR4 @ 2400 MHz or Higher Expandable up to 64 GB with 4 DIMM slots.	
Hard drive	1 TB @ 7200RPM SATA II hard disk.	
DVD Drive	OEM 8x read or higher DVD RW	
PCI Slots and Bays	Total 4 PCI series slots with at least 1 PCIe x16 slot or more, 2Nos bays or more	
Audio	Integrated HD Audio	
NIC	Integrated on Board Ethernet Controller 10/100/1000 with PXE support and remote wake up.	
Graphic and Display Monitor	Integrated Graphics, Display 19.5" wide TFT TCO 07 << Specify model >>	
Key Board	OEM USB 104 Keys or more, Multimedia keyboard rupee ready isolated keyboard << same make as PC>>	
Mouse	OEM 2 button Optical Scroll Mouse with mouse Pad<< Same make as PC)	
Ports	Minimum 8 USB ports with at least 4 USB 3.0 or higher, 4 USB 2.0 or higher, 2 USB ports should be at front side, 1 serial port, 1 parallel port, HDMI/Display port/RJ45 and front and rear audio and out ports.	
Form Factor	MT Model	
Power supply	OEM Power supply with 85% efficiency or higher	
Operating System	Preloaded MS Windows 10 Pro 64 bit with software media.	
Certifications to be Enclosed	MS Windows 10 Certified For OEM : ISO 90001, ISO 20000, ISO 27001 or higher << Enclose Certification Copies>>	
General Certification	EPEAT India Registered GOLD and TCO'7' Certification for Monitor<<Enclose certification copies>>, Energy Star 5.0 or higher Compliance.	
Anti Virus	Pre-Loaded with latest version of antivirus Symantec/MacAfee/Bit defender/Trend micro/Check point/Quick heal/K7/e-scan/Kasper sky/e-Trust With	

	following futures antivirus, USB protection, Antispyware, Anti-malware, firewall, Intrusion prevention Browser Protection with single management console with 3Years subscriptions with support updates and patches	
Accessories	With necessary accessories and Connecting Cables.	
Warranty	5 Year's Comprehensive onsite warranty from the date of installation OS and 3 Years Anti Virus.	

## 2. MF Printer: 47 Nos.

Parameter	Specifications	Compliance / Remarks (Yes/No)
Make & Model	<< Specify >>	
Technology	Print, Scan, Copy	
Print Speed	28 PPM or higher	
Print Resolution	Up to 1200x1200 DPI or higher	
RAM	256 MB or higher	
Input Tray	250 Sheets or above	
Output Tray	150 Sheets or above	
Connectivity	USB 2.0 or higher, Ethernet	
Scan Speed	15 PPM or higher, 15 PPM ( Color ) or Higher	
Scan	Flatbed, Color Scan: Yes, 1200x1200 DPI	
Copy	28 cpm speed or higher	
Print Languages	PCL and Post Script Support	
Auto Duplex	Yes	
Power and Save option and compliance	Yes and Energy star Compliance	
OS Compatibility	MS Windows, Linux and Mac	
Cartridge	With Full toner Cartridge.	
Accessories	With required accessories, connecting cables and driver media, Power cables should be supplied	
Warranty	1 Years comprehensive onsite warranty from the date of installation.	

**3. 10 KVA UPS : 5 Nos.**

<b>Parameter</b>	<b>Specifications</b>	<b>Compliance / Remarks (Yes/No)</b>
Make and Model	<< Specify >>	
Capacity	10 KVA	
Technology	Advanced DSP based true online UPS with double conversion technology, IGBT Rectifier and IGBT Inverter	
Input Parameters :		
Voltage	220V, 1-phase, 3 wire	
Voltage Range	160 to 300 VAC	
Frequency	45 to 55 Hz	
Power factor at rated load	>0.99	
Harmonic Distortion (THD)	<10%	
Galvanic Isolation	Should provide inbuilt galvanic isolation transformer at the input	
Output Parameters :		
Voltage	220VAC/230 VAC/240 VAC +/- 1 %, 1 Phase	
Frequency	50 Hz	
Current Harmonic Distortion	Less than 5%	
Overload rating	125% for 10min, 150% for 1 min	
Output waveform	Pure sine wave	
Crest factor	3:1 max	
Power factor	0.8 pf	
Battery Parameters		
Type	Sealed Maintenance Free Batteries ( Exide Power Safe / Amaraja )	
Battery	2040AHx12V or equivalent or higher	
Polarity Protection for Battery connection	Should be provided	
Battery Rack and Connectors	Power Coated battery rack/stand to be provided	
Charger	Built-in solid state float cum best charger with automatic boost	
Other Features :		
Display	LCD display for status/fault information	
Communication port	RS 232, SNMP	
Compatibility	Should be generator Compatible	
Certifications	ISO 90001, ISO 14001, ISO18001 and RoHS Certified. CE Certification. << Enclose Certificates >>	

Protection	All critical source and sensitive loads should have protection from transients, Advanced Electric Protection for device safety for rectifier and Inverter, Built in overload Protection from short Circuits ( OVCD)	
Intelligent Fan Operation	Should be provided	
Technical Data Sheet	Submit the technical data sheet for proposed model with complete required details.	
Test Report	Enclose the ETDC /NTH test report of the quoted model ( Certificate issued by Govt. of India Testing Agency )	
BIS Registration	BIS Registration should be on Indian Manufacturing Address	
CE AND RoHS Compliance	Enclose RoHS Certificate and CE Certificates for the Quoted Model ( EMC and LVD)	
Standards	Documental proof should be submitted safety 62040-1, EMI/EMC 62040-2 and performance 62040-3	
Cabling and Connectors	Supply the required Input/Output Cables (Max 2 Mtrs to 3 Mtrs Length on both sides) to complete the UPS installation.	
Service Facility	The UPS Manufacturer should have local service centers, Details should be submitted along with the technical bid.	
Warranty	2 Years Comprehensive onsite warranty for UPS and SMF Batteries.	

**Financial Bid Format**

**Form F1**

<b>S.No</b>	<b>Item details with make and model</b>	<b>Unit Price without taxes (Rs.)</b>	<b>Taxes/ Duties etc on unit price (Rs.)</b>	<b>Unit Price with all taxes (Rs.)</b>	<b>QTY (Nos)</b>	<b>Total price with taxes and duties etc (Rs.)</b>
1	Desktops				47	
2	MF Printers				47	
3	10 KVA UPS				5	
<b>Total Price incl. of all taxes (Rs.)</b>						

If any mathematical calculation errors observed, the total quoted amount will be considered from “quantity X Unit Price (incl. of taxes)” submitted in the form.

Delivery: Three weeks from the PO issue date.

**Date**

**Signature of Bidder & Stamp**

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**Annexure I - Bid Security (EMD) – Format for BG**

**TSTSL Ref. No.....**

(To be issued by a bank scheduled in India and having at least one branch in Hyderabad)

Whereas..... (Here in after called "the Bidder") has submitted its bid Dated ..... (Date) for the execution of..... (Here in after called "the Bid") KNOW ALL MEN by these presents that WE ..... of ..... having our registered office at..... (hereinafter called the "Bank") are bound unto the Telangana State Technology Services Limited (hereinafter called "The TSTSL ") in the sum of ..... for which payment well and truly to be made to the said TSTSL itself, its successors and assignees by these presents.

The conditions of this obligation are:

1. If the bidder withdraws its bid during the period of bid validity or
2. If the bidder, having been notified of the acceptance of its bid by the TSTSL during the period of bid validity and fails or refuses to execute the Purchase Order.

We undertake to pay the TSTSL up to the above amount upon receipt of its first written demand, without the TSTSL having to substantiate its demand, provided that in its demand the TSTSL will note that the amount claimed by it is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to the period mentioned in tender document and any demand in respect thereof should reach the Bank not later than the above date.

**Place:**  
**Date:**

**Signature of the Bank with Seal.**

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