

भारत सरकार  
अन्तरिक्ष विभाग  
**सतीश धवन अन्तरिक्ष केन्द्र**  
**शार**  
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Department of Space  
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GOVERNMENT OF INDIA:: DEPARTMENT OF SPACE  
SATISH DHAWAN SPACE CENTER SHAR:: SRIHARIKOTA – 524 124  
SRI POTTI SREERAMULU.NELLORE DISTRICT (A.P)

**TENDER NOTICE NO. SDSC SHAR/Sr.HPS/PT/RO/12/2020-2021**

On behalf of President of India, Sr. Head Purchase and Stores, SDSC SHAR, SRIHARIKOTA invites on line quotations for the following.

Sl No	Ref. No.	Description	Qty.
01	SHAR RO 2020 0 13623 E-Procurement [Two Part basis]	Comprehensive Maintenance Contract for PCs and Printers	1 Lot
02	SHAR RO 2020 0 13603 E-Procurement [Single Part basis]	Casual labour for BRLS to carry out day to day activities like wild grass cutting, helping in canteen, horticulture, gardening, cleaning office area and loading & unloading of materials	2 Years

Last Date for downloading of tender documents : 06.10.2020 at 16:00 hrs.  
Due Date for submission of bids online : 06.10.2020 at 16:00 hrs.  
Due Date for Bid Sealing on : 06.10.2020 at 16:01 hrs. to 06.10.2020 at 17.30 hrs.  
Due Date for Open Authorization : 06.10.2020 at 17.31 hrs. to 08.10.2020 at 17:00 hrs.  
Due Date for opening of tenders : 09.10.2020 at 14:30 hrs.

Instructions to Tenderers:

*Bids shall be submitted on line through EGPS only and No tender fee shall be applicable.*

01. For full details/scope of work and terms and conditions etc., please see the enclosed annexures.
02. Interested tenderers can download the e-tender from ISRO e-procurement website <https://eprocure.isro.gov.in> and submit the offer on line in the e-procurement portal. Offers sent physically by post/courier/in person will not be considered.
03. Tender documents are also available on ISRO website [www.isro.gov.in](http://www.isro.gov.in) ISRO e-procurement website <https://eprocure.isro.gov.in> and SDSC SHAR, Sriharikota website [www.shar.gov.in](http://www.shar.gov.in). The same can be downloaded and offer submitted on line in the e-procurement portal only.
04. Quotations received after the due date/time will not be considered.
05. The tender documents are available for download upto 06.10.2020 at 1600 hrs. and last date for submission of tenders on line 06.10.2020 at 1600 hrs. and Tender Opening on 09.10.2020 at 14:30 hrs.
06. Interested vendors can attend the Bid opening sessions to know the details. Presence not mandatory to consider the quote for evaluation.
07. Sr. Head, Purchase and Stores, SDSC-SHAR, Sriharikota reserves the right to accept or reject any/or all the quotations.

DT: 10.09.2020

Sr. HEAD PURCHASE AND STORES

# **RFP**

## **Comprehensive Maintenance Contract for PCs and PRINTERS**

**From 01/01/2021 to 31/12/2022**

**Indentor:**

**ARUNA BHASKAR**

**Dy. Manager**

**PCPM/SCOF/RO**

**SDSC SHAR**

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## **INTRODUCTION**

Satish Dhawan Space Centre SHAR (SDSC SHAR) at Sriharikota is one of the best known place among the spaceports of the World today. India's space vehicles fly from here giving an assured access to space for domestic and as well as, commercial satellites. Diverse kinds of space missions with remote sensing, communications and scientific satellites are accomplished from here. The space centre, SHAR (Sriharikota Range), was renamed as 'Satish Dhawan Space Centre SHAR' on September 5, 2002, in memory of Prof. Satish Dhawan, former chairman of the Indian Space Research Organization (ISRO).

Sullurpeta is a town in SPSR Nellore district, Andhra Pradesh, which is 80km away from Chennai and SDSC SHAR is located at Sriharikota Island which is 17km away from Sullurpeta. Sriharikota is a coastal island located in the backwaters of Pulicat Lake and it covers an area of about 43,360 acres with a coastline of 50 km.

### **I. ARRANGEMENT OF BID:**

- 1) Offers shall be sent in online only using standard digital signature certificate of class iii with encryption / decryption. The tenders authorized online on or before the open authorization date and time shall only be considered as valid tenders even though the bids are submitted online.
- 2) The tenderer must authorize bid opening within the time stipulated in the schedule by SDSC SHAR. Otherwise the bid submitted shall not be considered for evaluation. Physical copy shall not be considered even though it is received before the bid submission date.
- 3) Proposals are invited from the interested bidders for the scope of work stated in Section V (Scope of Comprehensive Maintenance of PCs/Printers/Scanners) in two part bid format. The period of contract is for two years i.e., 01-01-2021 to 31-12-2022. The two part bids are:

Part-1 Technical and Commercial bid of the work.

Part-2 Price bid.

In view of Two Part Tender, the Offers submitted contrary to the given instructions shall be summarily rejected.

#### **Part-1 – Technical and Commercial bid of the work.**

- (a) This bid should contain duly filled minimum criteria for Qualification and Company Evaluation sheet.
- (b) Supporting documents should be attached. The bidder has to affix his signature with seal in all pages.
- (c) No price details shall be mentioned in this bid and shall not upload the details of price along with technical and commercial bid.

## Part-2 – Price bid

- (a) The price bid should contain the prices for the maintenance of PCs, Printers & scanners as given in the Annexures – A & B. The price should be filled for each item independently as demanded in point no. 4 of section V. The configuration of the PCs, Printers & Scanners are given in the Annexures – C & D.
- (b) The cumulative value for maintenance of PCs, Printers & Scanners for the two year period should be worked out and provided.
- 4) Should the Tenderer have a relative or relatives or in the case of firm or company one or more of its shareholders or a relative or relatives of the shareholder (s) employed in a senior capacity in Department's organization, the authority inviting Bids shall be informed of the fact at the time of submission of the Bid, failing which the Bid may be disqualified or, if such fact subsequently comes to light, Department reserves the right to take any other action as it deems fit in accordance with any applicable law, Rules, Regulations of the like in force for the time being..
- 5) **Offer Validity:** The validity of the offers / tenders should be 120 days from the date of opening of the tenders. **Tenders with offer validity less than the period mentioned above, shall not be considered for evaluation.**
- 6) **GST:** With effect from 01.07.2017, Goods & Service tax (GST) has been implemented. Accordingly, the suppliers have to indicate clearly the % (full rate of tax) of GST applicable.
- 7) **Security Deposit:** Security Deposit for 10% of the order value is mandatory. Party shall furnish the Security Deposit in the form of Bank Guarantee from nationalized / scheduled / First class international reputed bank or by Demand Draft valid till the completion of the contract period plus sixty days towards claim period for faithful execution of the contract.
- Non-acceptance of any conditions wherever called for related to Security Deposit is liable for disqualification.
- 8) **Solvency clause:**  
Solvency certificate for the current Financial Year 2020-21 from a scheduled bank for Rs. 55 Lakhs or above is to be submitted.
- 9) The following information / documents are to be submitted wherever applicable.
- (a) Core banking account number, RTGS Details
- (b) PAN No. in quotation and invoices
- (c) GST Registration details.

## 10) **Exclusion of Tenders**

The following tenders shall be summarily rejected from the future process.

- (a) Tenders received from vendors who have not qualified in terms of their registration.
- (b) Tenders of vendors who have been removed from the vendor list or banned / debarred from having business dealings.
- (c) The tenders who materially depart from the requirements specified in the tender document or which contain false information.
- (d) The tenders of vendors who have not agreed to furnish Security Deposit or who have not submitted the necessary documentary proof to seek exemption from paying the security deposit.
- (e) The validity of the tenders is lesser than the period specified in the tender enquiry.
- (f) The tenders received from vendors or their agents or anyone acting on their behalf, who have promised or given to any official of the Centre / Unit / Department, a gratification in any form, or anything of value, so as to unduly influence the procurement process.
- (g) The tenders received from vendors, who, in the opinion of the Centre / Unit, have a conflict of interest materially affecting fair competition.

## 11) **Deployment Schedule of the maintenance engineers:**

- (a) The Maintenance engineers shall be deployed as per the following schedule.
  - The senior Diploma / Graduate engineer and 40% of the maintenance engineers should be deployed within 3 days after the release of the purchase order (PO) to take over the assets from the existing vendor.
  - Remaining 60% of the maintenance engineers should be deployed on the starting day of the contract for executing the maintenance contract seamlessly.
  - All proposed candidates shall be interviewed for suitability to work at SDSC SHAR.
  - SDSC SHAR will try to place order at least 15 calendar days prior to the start of Maintenance Contract.

- The time schedule for the deployment of maintenance engineers is given below:

<b>Sl. No.</b>	<b>Mile Stone</b>	<b>Expected date of completion</b>
1	Date for order releasing PC/ Printers Maintenance Contract.	T <sub>0</sub>
2	40% of the candidates + Senior engineer to be deployed within 3 days of the release of PO / Work Order.	T <sub>0</sub> +3
3	Remaining 60% of candidates to be deployed on the starting day of the Contract	T <sub>1</sub> (i.e.,) 1.1.2021

(b) In case any Maintenance engineer resigns after deployment at SDSC SHAR, then the same post should be filled within 7 calendar days, otherwise the penalty clause shall be executed.

**12) Candidates for Maintenance Contract engineer shall be accepted only with the criteria mentioned below:**

**Total No. of Candidates** : 12

**Category** : Diploma / Graduate Engineer

**Qualification** : Diploma or Graduation in ECE with First class

**Experience**

i. Classification of candidates based on no. of years of experience:

(a) Two candidates should have atleast 4 years experience in maintaining PC hardware, peripherals, handling different operating systems such as Windows, Linux etc.

(b) Remaining Ten candidates should have atleast 2 years experience in handling peripherals which include printers, scanners, monitors, keyboard, mouse, speakers, microphone etc. but not limited to above.

ii. Classification based on nature of experience:

(a) Three candidates should have atleast 2 years of experience in handling / maintaining printers. They shall be categorized as printer experts.

(b) Two candidates should have atleast 2 years of experience in handling / maintaining monitors. They shall be categorized as monitor experts.

(c) Seven candidates should have atleast 2 years of experience in handling / maintaining PC / Desktop systems. They will be categorized as Desktop experts.

(d) The printer / monitor experts should have sufficient training and certification (preferably HP certified printer expert).

13) **Mode of Payment:** Bidders can submit the banker details and payments can be made through NEFT/RTGS/ECS through PFMS.

14) **Rate Clause:**

(a) Rates should be quoted only in Indian Rupees currency and rates quoted in any other currency shall not be considered and shall be summarily rejected.

(b) Rates quoted should be firm for the entire period of contract and no escalation shall be provided at any cost except in case of tax, wherever applicable. The tax shall be deflated or inflated according to the reduction or hike in the tax as and when announced by the Government of India after the date of acceptance of the tender.

15) **Penalty Clause:**

(a) In case of non-deployment of man power, an amount of Rs.1500/- shall be deducted per person per working day irrespective of category.

(b) If the quarterly Preventive Maintenance (PM) is not carried out, an amount equivalent to 1/4th of the annual maintenance charge for the system concerned shall be deducted from the maintenance contract charges payable.

(c) If 70% of spares which are listed in Table-1 of Section VI are not made available in SDSC SHAR campus, then 5% of the quarterly PM Bill shall be deducted as a penalty in the respective quarter.

(d) If the system / subsystem is not repaired within 7 days of the report of the problem and a replacement with an equivalent or better system / subsystem is not provided, then the service charge (pro rata) shall not be paid for the duration of the entire down time of the system / subsystem.

(e) If any system / subsystem is not repaired / replaced or a standby system / subsystem with equivalent or better configuration is not provided within 30 days, the Contract coordinator / Contract Manager of SDSC SHAR shall deduct Rs 3000/- per system / subsystem from the maintenance charges to be paid for the quarter.

(f) If any system / subsystem is not repaired / replaced or a standby system / subsystem with equivalent or better configuration is not provided within 60 days, the Contract coordinator / Contract Manager of SDSC SHAR shall deduct the cost (i.e., PO value of the system / subsystem or its current market value, whichever is higher) of the system / subsystem from the maintenance charges to be paid for the quarter.

(g) In case of any dispute between the Maintenance agency and any System-In-Charge, the decision of GM, SCOF & MAFS / RO is final and binding.



## II. MINIMUM CRITERIA FOR QUALIFICATION:

Sl. No.	Eligibility Conditions	Supporting documents to be submitted by the bidder
1.	The firm should be registered with Registrar of companies and Sales / Trade tax / Service Tax department	<ul style="list-style-type: none"> <li>a. PAN Number / TAN Number &amp; GST Registration Number.</li> <li>b. Registration Certificate as proof of registration.</li> <li>c. Income tax return for last 2 years / Income tax clearance certificate (AYs 2018-19 and 2019-20)</li> </ul>
2.	Establishment of the firm must be more than 5 years old as on 01.07.2020 and the company's annual turnover should be more than 100 lakhs per annum on average in the services alone for the last 3 years.	<ul style="list-style-type: none"> <li>a. Proof to confirm that the firm is 3 years old as on 1.7.2020.</li> <li>b. Proof to show that the company's average annual turnover for last 2 years is more than 100 lakhs in services alone.</li> <li>c. Profit and Loss, audited balance sheet for last 2 years (FYs 2017-18 and 2018-19).</li> </ul>
3.	The firm should be an ISO / IEC 27001 certified organization with the scope of covering PC / Printer maintenance services. The ISO certificate should be one year old and validity should be there.	The copy of ISO certificate should be attached.
4.	Firm must provide customer satisfaction letter from atleast one customer from Govt. departments /PSU/Academic institutions while submitting the technical bids.	Firm should provide atleast one Customer satisfaction letter, preferably from State / Central Govt. / Quasi Govt. / PSU / Major Academic institutions.
5.	Firm must have sufficient number of qualified and experienced maintenance engineers for maintaining computer systems, printers and monitors. The no. of engineers for services alone should be more than 50. List of engineer's, their qualification and their experience in the field of services must be enclosed with technical bid.	<p>Give list of maintenance service staff (atleast 50) under the payroll of the firm. The list should contain Sl.no, Name, Employee ID (staff code), Qualification and experience period.</p> <p><b>NOTE: Employees List with the following qualification cannot be considered under PC / Printer maintenance services</b></p> <ul style="list-style-type: none"> <li>a. Candidates with BA / MA / B.Sc. / M.Sc. / BCA / MCA / B.Com / M.Com.</li> <li>b. Candidates other than Diploma/B.Tech in ECE.</li> </ul>

6.	<p>The firm should have maintained minimum 500 nos. of PCs and 200 nos. of Printers (not in different geographical location) in last three years and during last three years ending 31.03.2020 the bidders should have successfully completed similar maintenance contracts experience either of the following.</p> <ul style="list-style-type: none"> <li>- Three similar completed works each not less than Rs. 55 lakhs or</li> <li>- Two similar completed works each not less than Rs. 85 lakhs or</li> <li>- One similar completed work not less than Rs. 110 lakhs</li> </ul>	<p>Details of works which includes client name, number of engineers posted, contract period and value, purchase order copy, contract manager name and his contact details should be provided along with completion certificates.</p>
7.	<p>A declaration must be furnished by firm that there is no complaint / vigilance inquiry against them in any Govt. Department / PSU and they have not been black listed by any Govt. Department / PSU.</p>	<p>Self-declaration should be provided.</p>
8.	<p>The contractor must have registration with EPF / ESI authorities</p>	<p>Copy of the certificate of registration should be submitted.</p>
9.	<p>Acceptance to deploy man power as specified below in deployment plan, rate clause and penalty clause.</p>	<p>YES / NO</p>
10.	<p>Acceptance to carry out the PC / Printer maintenance Services as mentioned in Annexures A &amp; B</p>	<p>YES / NO</p>
11.	<p>Acceptance to carry out the PC / Printer maintenance Services at SDSC SHAR</p>	<p>YES / NO</p>

### III. COMPANY EVALUATION SHEET

The following questionnaire need to be filled and should be signed by a responsible and authorized person of the Company / Agency. Firm should provide only genuine data and any discrepancy found at a later point of time may result in rejection of the bidder from purchase process. Furnishing of data cannot be construed as automatic qualification for participation in the tender.

Sl. No.	Description	Vendor Response			
1.	Name of the company				
2.	Type of the Company (Proprietary/Pvt.Ltd/Public Ltd/Joint Venture/Consortium)				
3.	Registration number & certificate				
4.	Name & Address of the Office of the Chief Executive of the Company				
5.	Contact person for this tender with name & address and contact number				
6.	Locations of the Branches of Company (if any)				
7.	From which year the Company is in operation and year of inception				
8.	The Profit & Loss Account details for the last 2 years which is duly audited and Submitted as part of the Annual Report.				
		2016-17 (in Lakhs)	2017-18 (in Lakhs)	2018-19 (in Lakhs)	
		Total assets (i)			
		Current assets (ii)			
		Total liabilities (iii)			
		Current liabilities (iv)			
		Net Worth (i-iii)			
		Working capital (ii-iv)			
		Turnover			
Profit/Loss					

9.	The major lines of business				
10.	Technical Manpower details (Specify only the man power who are working in Network Products, Servers, workstations, PC and Printer maintenance)	Designation	No. of Persons	Remarks	
		Engineers / Technical Asst.			
		Supervisor / Manager			
11.	Major customers				
12.	Details of last three years' experience in maintenance of PCs, Printers and other peripherals: <b>(Note: In order to consider as valid experience, all the experience has to be supported with the completion certificate OR purchase order and customers feedback form.)</b>				
	Sl.No.	Full postal address of the client with Contact Person	Description of the work	Value of the work. (Rs. in Lakhs)	Completion Time as per PO
	i				
	ii				
	iii				
	iv				
	v				
13.	Acceptance to carry out maintenance of all the PCs, printers and scanners as per the list given in Annexure-A and Annexure-B and as per the configuration given in Annexure-C and Annexure-D.	<b>YES / NO</b>			
14.	Acceptance for the terms and conditions listed under Section V.	<b>YES / NO</b>			

15.	Acceptance to maintain the listed spares mentioned in Table-1 of Section-VI	<b>YES / NO</b>
16.	Confirm that the cost of spare parts are provided in the commercial bid for PCs & Printers as demanded in point no. 35 of Section V.	<b>YES / NO</b>
17.	Confirm that the quote includes accommodation cost (for chargeable accommodation provided by SDSC SHAR) and transport cost (for engineers travelling to work spot) for all engineers for two years as lump sum.	<b>YES / NO</b>
18.	Acceptance for making available the manpower provided, on 24 hours X 7 days basis in a week without any additional charges during launch campaign & Saturdays.	<b>YES / NO</b>
19.	Declaration that the party/vendor shall not sub-contract this work to anybody at any point of time during the contract period (01.01.2021 to 31.12.2022) and even during the extension period of one more year, if the Contract is extended.	<b>YES / NO</b>

**Signature of Authorized Person with Seal**

#### **IV. TERMS AND CONDITIONS OF THE CONTRACT**

##### **1. General conditions**

- 1.1. The Department will identify one person as the Contract Manager and one person as the Contract coordinator. The party should co-ordinate with the Contract coordinator for successful performance of the Contract.
- 1.2. The period of this contract shall be from 01.01.2021 to 31.12.2022 with a provision to extend by one more year at the option of the Contract Manager.
- 1.3. Income Tax at the prevailing rate is applicable from time to time and shall be deducted from the party bill as per the Income Tax Act, 1961 and the rules there under.
- 1.4. The party shall strictly comply with the provisions of Employees Provident Funds and Miscellaneous Provisions Act. The party has to maintain record of all details called for by EPF/ESI Organization for the manpower employed by them and has to submit the returns as required by the Department regularly.
- 1.5. The party should promptly deposit PF. deduction of the manpower provided by them along with the employer's contribution to the RPF.
- 1.6. The Department shall notify to the party the date on which the Contractor's personnel has to be positioned in SDSC SHAR. The Department shall have no financial obligations to the party before the date mentioned in the said notice.
- 1.7. The proposed candidates by the party after getting the contract will be verified for technical suitability by SDSC SHAR. During Client interview, the proposed candidates should come with bio-data, appointment letter of the company, experience certificate, Diploma/Graduate engineer certificate, Xerox of company's identity card, copy of address proof and Xerox of driving license.
- 1.8. Police verification of character and antecedents letter is to be submitted by the selected candidate.
- 1.9. SDSC SHAR will provide server / PC to host help desk server software and client software. The vendor has to provide the call logging software.
- 1.10. The rejection at various operational stages which are solely attributable to bad workmanship / negligence on the part of contractor's personnel shall be to the contractor's account. The party should make well the loss / deterioration of the material / equipment as well complete the work at no extra cost and without affecting the agreed upon schedule. Decision of the Contract Manager in this regard shall be final and binding on the contract.

### 1.11. Arbitration:

In the event of any dispute or difference arising under these terms & conditions or any condition contained in the Purchase Order or in connection with this Contract. (except as to any matter the decision of which is specially provided for by these conditions), the same shall be referred to the sole arbitration of the Head of the Purchase Office or of some other person appointed by him, and the dispute further will be processed in terms of the Arbitration & Conciliation Act, 1996. There will be no objection that the arbitrator is a Government Servant that he had to deal with matter which the Contract relates to or that in the course of his duties as Government Servant has expressed views on all or any of the matters in dispute or difference. The award of the arbitrator shall be final and binding on the parties of this Contract.

If the arbitrator is the Head of the Purchase Office –

- i. In the event of his being transferred or vacating his office by resignation or otherwise, it shall be lawful for his successor in office either to proceed with the reference himself or to appoint another person as arbitrator, or
- ii. In the event of his being unwilling or unable to act for any reason, it shall be lawful for the Head of the Purchase Office to appoint another person as arbitrator.

If the arbitrator is a person appointed by the Head of the Purchase Office – In the event of his denying or neglecting or refusing to act, or resigning or being unable to act, for any reason, shall be lawful for the Head of the Purchase Office either to proceed with the reference himself or to appoint another person as arbitrator in place of the outgoing arbitrator subject, as aforesaid, to the Arbitration & Conciliation Act, 1996, and the rules there/under and any statutory modifications thereof for the time being in force shall be deemed to apply to the arbitration proceeding under the clause. The Arbitrator shall have the power to extend with the consent of the Purchaser and the Contractor the time for making and publishing the award. The venue of arbitration shall be the place as the Purchaser in his absolute discretion may determine. Work under the Contract shall, if reasonably possible, continue during Arbitration Proceedings.

In case of Imported Stores, all disputes arising in connection with this Contract shall be finally settled under the Rules of Conciliation and Arbitration of the International Chamber of Commerce by one or more arbitrators appointed in accordance with the said Rules. The Contract shall be interpreted, construed and governed by the laws of India.

## **2. About Work and work schedule**

- 2.1 Identified candidates have to carry out PCs/Printers/Scanners Maintenance services as mentioned in Annexures A & B.
- 2.2 The maintenance agency must post adequate number of Engineers but not less than 12 Diploma/ Graduate Engineers including one call coordinator (totally 12 persons) exclusively for the systems covered by this contract.
- 2.3 Any one of the four years experienced engineer will be nominated as Team Leader for this contract and he should lead the team at SDSC SHAR.
- 2.4 Contract Manager can add new systems or delete existing systems from the purview of the maintenance contract and to add/delete any sub-systems in the configuration of the systems under maintenance. The purchase order value will be amended accordingly on the basis of the rate agreed upon for maintenance prior to the start of the contract. Those added / deleted services have to be carried out with same manpower and without any additional charges.
- 2.5 The party has to provide the service from Monday to Friday during normal working hours of SDSC SHAR (i.e., 09.00 Hrs. to 18.30 Hrs.).
- 2.6 At least 50% of the manpower engaged under this Contract should be available during Saturdays without any additional charges. The personnel engaged by the Contractor shall be rotated in such a manner that it will not attract any additional charges. The lump sum price shall be as per the scope of work enclosed.
- 2.7 The scope of the maintenance will not include the replacement of consumables like print cartridges/toners, print heads, Fuser Assembly, Developer Assembly, Drum Kit and purely decorative parts etc.
- 2.8 During launch campaign, the manpower provided shall be made available on 24 hours X 7 days basis in a week without any additional charges. The total manpower may be rotated on shift basis with the concurrence of the Contract Manager.
- 2.9 The period of launch campaign, etc., will be provided by Contract Manager. The rotation roster should get approved from Contract Manager in advance, which will depend on the requirement.
- 2.10 The party and their candidates should understand the IT environment of SDSC SHAR and manage the IT resources.
- 2.11 The proposed candidates should be well versed in Maintenance of PCs/Printers/Scanners and OS configuration and installation.
- 2.12 The party should provide simple call logging software to handle helpdesk with automatic e-mail escalation.
- 2.13 The proposed candidates should be able to load Antivirus software, MS Office and other needed client software.



### **3. Non assignment**

3.1 The party should not sub-contract this work at any point of time after getting the contract. The technical persons who are getting posted for this contract should be the employees of the same company/firm, and they should be in the payroll of the same company/firm and they should have identity card of the same company/firm.

### **4. Payment terms**

4.1 No advance payment will be made.

4.2 The payment shall be made on quarterly basis subject to submission of the following:

- a. Valid Invoice
- b. Schedule of persons above with their attendance during the invoice period.
- c. Certificate of Contract Manager that the Contractor provided the service satisfactorily and the invoice is prepared in accordance with the Contract.
- d. A declaration from the party that EPF and ESI subscription and contribution have been remitted in respect of the manpower deployed as part of the Contract.
- e. Request on Quarterly Preventive maintenance of PCs/Printers/Scanners done by the engineers and after submission of the PM reports to the Contract Manager.

4.3 Bidders can submit the banker details and payments can be made through NEFT/RTGS/ECS through PFMS.

4.4 The party should provide service as per the scope of this Contract. However, in case of any failure, partly or full, not rectified and not made operational, penalty clause will be imposed as per clause 14 Section I.

### **5. Termination**

5.1 SDSC SHAR may terminate the Contract at any time by giving one month's notice.

5.2 SDSC SHAR shall be entitled to terminate the Contract by a written Termination Notice at any time during the project on the occurrence of any of the following event.

- a. Failure to start the work within the specified time as per relevant tender conditions.
- b. Failure to execute the works in conformity with the Progress Schedule
- c. Failure to provide sufficient technical staff required for the proper and / or due execution of the work or any part thereof.

- d. Negligence in carrying out the works or unsatisfactory execution of the work.
- e. If the tenderer is found misusing or sharing the data, the contract will be terminated. The data available with SDSC SHAR shall not be copied into CD or in any other medium / external storage devices by the tenderers.

## **6. Rules pertaining to staff members of the contract**

- 6.1 The work to be performed under the Contract including the products of that work shall comply with the requirements of all applicable laws, Regulations and Standards pertaining to safety and health.
- 6.2 Valid permits are required to be taken by the party in advance for every individual, which are issued by the Department after verification of their antecedents and background as certified by the Contractor. Entry to SDSC SHAR is restricted to the personnel who are to perform the work entrusted by the Department. In addition, the Department has right to evict / refuse any person who is found indulging any unlawful activities and detrimental to the Security system at SDSC SHAR.
- 6.3 The movements of personnel though possessing a valid entry permit are restricted to the area of their work only. They shall comply with all rules and regulations of Security system from time to time. In case, Entry Permit is lost, the party is liable to pay penalty as per the guidelines laid down by the Department from time to time. In case of misuse of Entry Permit by the Contractor's personnel, the party shall be liable to make good any loss caused to the Department in addition to any other legal actions as deemed fit.
- 6.4 The party shall before recommending for Entry Permit to any person in any capacity for the SDSC SHAR campus is entitled to make discreet inquiries about the desirability or otherwise of the person being issued permit. If and when the Contractor has any information or comes across any circumstances, which in the opinion of a reasonable person, should disentitle any of his workmen from entering SDSC SHAR or any of its areas, he shall immediately report to the CISF and Contract Manager and seek instructions in this behalf.
- 6.5 The party should report to the Department promptly and in full detail each incident in the work under this Contract resulting in personal injury, including death or property damage/loss.
- 6.6 Under no circumstances shall the party release information on matter related to the performance of work under this Contract without prior written approval of the Department.

- 6.7 SDSC SHAR may provide accommodation on chargeable basis subject to availability. If the accommodation is not available, contractor has to arrange boarding at Sullurpeta for their staff.
- 6.8 Inside office premises, no transport facility will be provided for the deployed persons. The party has to make their own arrangement for the same. However, vehicle support will be provided for movement of our equipment.
- 6.9 The technical information, drawings, specifications, operation manual and other related documents prepared during the execution of this Contract are the property of the Department and shall not be used for any purposes other than for performing the activities as specified in the Contract. All rights, including rights in the event of grant of a patent and registration of designs are reserved.
- 6.10 The Contract shall be governed as per the laws of India for the time being in force. The Courts of the A.P. State only shall have jurisdiction to deal with and decide any legal matters or dispute whatsoever arising out of the Contract.
- 6.11 The party should indemnify the Department against any action, claim or proceedings relating to infringement of all or any of the prevailing labor laws like Workmen's Compensation Act 1923, Contract Labor (Regulation and Abolition) Act 1970 and Contract Labor (Regulation and Abolition) Central Rules 1971, Employees Liability Act 1938, Industrial Disputes Act 1947, Employees State Insurance Act 1948, Minimum Wages Act, Employees Provident Funds and Miscellaneous Act 1952 during the period of Contract.
- 6.12 The party should indemnify and hold Department and/or any officer, employee or agent or assignee thereof harmless from any loss, damage, liability or expense, on account of damage to property or environment and injuries, including death, to any persons, including but not limited to, employees or agents of the Department, employees of the party, and all other persons performing any part of work hereunder arising from any occurrence caused by any act or omission of the party or any of them. The party shall, at its expense, defend any suits or proceedings brought against the Department, on account thereof, and shall satisfy all judgments and pay all expenses which may be incurred by or rendered against them, or any of them, in connection therewith. It is expressly understood that the party shall keep Department fully indemnified against third party claims and damages to or caused by work performed under this Contract.
- 6.13 The party should have dress code for their engineers with batch mentioning their company Name in SDSC SHAR.

## **7. Security Deposit**

- 7.1 The party has to provide security deposit for 10% of contract value.
- 7.2 The security deposit furnished by the successful bidder in respect of his tender in the form will be returned to him at the end of the contract period, subject to the satisfaction of SDSC SHAR.

## **8. Acceptance/ Withdrawal**

- 8.1 There is no obligation on the part of SDSC SHAR to communicate in any way with the rejected bidders.
- 8.2 After acceptance of the tender by SDSC SHAR, the bidder shall have no right to withdraw his tender or claim higher price.
- 8.3 Tender with incomplete information is liable for rejection.
- 8.4 For each category of pre-qualification criteria, documentary evidence is to be produced serially numbered and enclosed with the technical bid. If the documentary proof is not enclosed for any/all criteria, the tender is liable for rejection.
- 8.5 If any information given by the vendor is found to be false/ fictitious, the vendor will be debarred for 3 years to participate in SDSC SHAR tenders.

## **9. Force Majeure**

Should a part or whole work covered under this agreement be delayed due to reasons of Force Majeure which shall include legal lockouts, strikes, riots, civil commotion, fire accident, quarantines, epidemic, acts of God and Government, freight embargoes, the completion period for work, equipment referred to in this agreement be extended by a period not in excess of the duration of such Force Majeure. The occurrence shall be notified by either party within reasonable time.

## **10. Applicable Law and Jurisdiction**

The laws of Govt. of India shall govern this contract for the time being in force. The Courts of Andhra Pradesh only shall have jurisdiction to be with and decide any legal matters or disputes whatsoever arising out of the contract.

## **V. SCOPE OF COMPREHENSIVE MAINTENANCE OF PCs/PRINTERS/SCANNERS**

1. The scope of the maintenance should be the following.
  - (a) The Maintenance Contract is fully Comprehensive
  - (b) Quarterly Preventive Maintenance
  - (c) Trouble shooting and break down maintenance.
  - (d) Replacement of defective / damaged parts, components, subsystems etc., with good and reliable working latest parts of MNC Brand, at no extra cost.
2. The duration of the maintenance contract is from 1-1-2021 to 31-12-2022, and extendable for one more year i.e. up to 31-12-2023. However, Satish Dhawan Space Centre SHAR (SDSC SHAR) shall have the option to extend or curtail the contract period. The contract starts, from the date of acceptance and maintenance ends at the date specified in the maintenance contract.
3. A detailed list of the Personal Computer Systems / Computer peripherals to be maintained with configuration is enclosed (Annexure – A, Annexure – B, Annexure-C and Annexure D). The maintenance should cover the complete system including power cables. Interface cables between Peripherals and the PC system (including Data and Power cables within the system for optical drive, hard disk and etc) are also to be covered under maintenance of peripherals.
4. The vendor has to quote individually for each PC and Printer model as given in Annexures A and B, and the vendor should provide the Comprehensive maintenance cost per month as well as cumulative amount for the maintenance period.
5. SDSC SHAR shall order the PC and Printer maintenance contract together only (Order will not be split for PC and Printer maintenance separately).
6. SDSC SHAR will identify one Contract coordinator and shall
  - (a) Supervise / Follow up the maintenance activity.
  - (b) Recommend the quarterly payments.
  - (c) Evaluate the spares being replaced, if needed.
7. The maintenance agency shall carry out the instructions of Contract Coordinator/ Contract Manager / authorized representative in all technical aspects. Maintenance agency should provide detailed report about maintenance status and Preventive maintenance activities whenever the Coordinator asks or on weekly basis.
8. SDSC SHAR shall have the option to add new systems or delete existing systems from the purview of the maintenance contract and to add / delete any sub-systems in the configuration of the systems under maintenance. The maintenance charge will be modified accordingly on the basis of the rate agreed upon for maintenance prior to the start of the Contract.

9. In case of addition of new configurations / systems, not covered under above contract, the maintenance charge will be worked out mutually between SDSC SHAR and the maintenance agency.
10. The scope of the maintenance will not include the replacement of consumables like print cartridges/toners, print heads, Fuser Assembly, Developer assy., Drum Kit and purely decorative parts etc.
11. The maintenance agency must post adequate number of Engineers but not less than 12 Engineers including one call coordinator exclusively for the maintenance of the systems covered by this contract. The candidates must possess First class Diploma / B.Tech Holder in Electronics & Communication engineering with more than 2 years relevant experience in maintaining hardware, different operating systems etc and among them at least two engineers should have more than four years experience. One of the four years experienced engineer should be nominated as Team Leader for this contract and he should lead the team at SDSC SHAR. The copies of certificates for Educational qualifications and service certificates shall be submitted to the Contract Coordinator / Contract Manager. The proposed candidates by the party after getting the contract shall be verified for technical suitability by SDSC SHAR and such candidates cleared by SDSC SHAR only shall be posted as Maintenance Engineer for this contract at SDSC SHAR. An alternate Engineer should be posted in case a Maintenance Engineer is sanctioned leave.
12. Out of 12 engineers demanded in this contract, **three engineers should be printer experts (Atleast two years experience)** and two engineers should be monitor expert (two years experience). The printer / monitor expert should have sufficient training and certification (**preferable HP certified printer expert**).
13. It is suggested that the Engineers are posted few weeks prior to the start of contract to take over the systems and commence the service from the date mentioned. It is suggested that the Engineers posted are insured and the conditions of Labour act are fulfilled. One of the four years experienced engineer should be nominated as Team Leader for this contract and he should lead the team at SDSC, SHAR.
14. The Engineers posted at SDSC SHAR have to work in Two Shifts (1<sup>st</sup> & 2<sup>nd</sup>), as decided by the Contract coordinator / Contract Manager / GM, SCOF & MAFS. The Engineers posted at SDSC SHAR should report to duty for Launch related activities as per the time line specified by Contract coordinator / Contract Manager / GM, SCOF & MAFS.
15. The party has to provide the maintenance service from Monday to Friday during normal working hours of SDSC SHAR (i.e., 09:00hrs to 18:30hrs). However, at least 50% of the man power engaged under this Contract should be available during Saturdays. The personnel engaged by the Contractor shall be rotated for Saturday duties. During launch campaign, the man power provided shall be available 24 Hours

X 7 days based on instruction from Contract Coordinator / Contract manager / GM, SCOF & MAFS of SDSC SHAR.

16. Contract coordinator / Contract Manager of SDSC SHAR is entitled to recommend the deduction of Rs 1500/- per day per engineer in case of absence of maintenance engineer from the duty. Any engineer granted leave for 2 days or more must proceed on leave only on posting of suitable engineer in advance. The engineer must apply for leave in prescribed form well in advance to the Contract coordinator and should leave the station only on approval and after providing proper replacement. It is the individual's responsibility to get replacement from their office. Violation of this condition will attract penalty as explained above. An engineer absent from duty on Saturday and launch campaign days will also attract penalty of Rs. 1500/- per day per engineer.
17. The maintenance agency should arrange their own means of transport both for Personnel and equipment movement for carrying out maintenance activities as per the contract. **Independent two-wheelers** with proper documentation is a must for each engineer for internal movements at SDSC SHAR (Facilities at SDSC SHAR are widely spread in around 44,000 acres and some departments are away by 20 km and hence two- wheeler is a must).
18. Accommodation on sharing basis (for the maintenance Engineers) may be provided at nominal charges by SDSC SHAR, subject to availability.
19. The contractor should provide simple call logging software to handle helpdesk with automatic e-mail escalation. SDSC SHAR will provide server / PC to host help desk server software and client software.
20. The maintenance agency must maintain adequate spare parts like PCB / component at subsystem and system level at SDSC SHAR for the purpose of maintenance. Only such spares, which are cleared by SDSC SHAR (i.e., Contract Coordinator / Contract Manager / GM, SCOF & MAFS), should be used for replacement of subsystems like Monitors, controllers, motherboards, Optical storage drives, RAMs, Printers, hard disks etc. It may be noted that systems / subsystems cannot be taken out of SDSC SHAR for repair, normally, without providing equivalent / better / latest one as replacement. The minimum stock of essential spares to be maintained at SDSC SHAR is given in the Table-I of Section VI. **Spares which are listed in Table-I of Section VI** will be periodically checked by SDSC SHAR.
21. The maintenance agency should depute a senior maintenance engineer along with critical spares demanded by Contract coordinator / Contract Manager for the final phase of the launch support without any additional charges. The same may be taken back after launch support.



22. Preventive Maintenance is required to be carried out on quarterly basis. The quarterly Preventive Maintenance should cover the following :

**For PC's:**

- ❖ QUARTERLY cleaning of CD/DVD Drive lens, Mouse, Keyboard, Processor fan, dust filters and other modules.
- ❖ Blowing of dust on the PC cabinet Monitor and Keyboards.
- ❖ Cleaning inside the Cabinet once in three months, depending on the environment with user consent.
- ❖ Defragmentation, Disk check and removing any unwanted temp files and virus etc.
- ❖ Checking for loose contact /damage for / to interface connectors, power connectors, memory modules & add-on cards.
- ❖ Any other Manufacturer suggested Preventive Maintenance activities.

**For Printers:**

- ❖ QUARTERLY cleaning of internal parts of printer like pick up rollers, encoder strip, back door rollers, power adapter, paper pieces inside if any, and cleaning of Print Heads / Cartridge / Toners and checking of all hardware spare parts etc.
- ❖ Any other Manufacturer suggested Preventive Maintenance activities.

**For Other Peripherals:**

- ❖ Manufacturer suggested Preventive Maintenance activities.

23. A system should not be down for more than 7 calendar days at a stretch. At least 95% uptime for every individual system over a period of one year is expected. The maintenance agency must ensure that the break down call is attended within 24 hours (excluding holidays) to identify the problem.

24. If any system / subsystem(s) is not repaired within a week, a standby system of equivalent or better may be provided. When the maintenance agency provides a standby printer, they shall provide the printer power adaptor along with all printer consumables (i.e., print cartridges, print heads, fuser kit etc..) and make it ready for the user to take print. Maintenance agency should not depend on SDSC SHAR for any standby printer consumables.

25. If any system / subsystem(s) is not repaired within 30 days, a permanent replacement shall be provided. The permanent replacement should be a fully working systems with an equivalent or better model to the replaced system / subsystem(s), and acceptable to SDSC SHAR. The maintenance Engineers must raise call reports for all the calls (break down or preventive) attended by them with due signature of concerned System-In-charge after filling up all columns properly.



26. The maintenance Engineers must enter all maintenance related details along with the system ID, assigned to it at the time of awarding the contract, both in the maintenance log book provided by the user and in the call report containing the details viz. date of report, date attended, time of start, time of completion, telephone No. etc. given to the user. The maintenance Engineers are expected to carry proper tools repaired for carrying out Maintenance activities always with them.
27. Payment towards maintenance service will be made on quarterly basis (first quarter will be from Jan 1, 2021 to Mar 31, 2021), on production of certificate in the prescribed form, from representatives of the Unit/Division concerned (such list will be provided by SDSC SHAR), subject to the following conditions.
- (a) If the quarterly Preventive Maintenance is not carried out an amount equivalent to 1/4th of the annual maintenance charge for the system concerned shall be deducted from the maintenance contract charges payable for that quarter.
  - (b) If the system / subsystem is not repaired within 7 days of the report of the problem and a replacement with an equivalent or better system/subsystem is not provided, then the Maintenance charge (pro rata) shall not be paid for the entire duration of the down time period.
  - (c) If any system/subsystem is not repaired / replaced within 30 days, the contract coordinator / Contract Manager of SDSC SHAR shall deduct Rs 3000/- of the system / subsystem from the maintenance charge for that quarter.
  - (d) If any system/subsystem is not repaired / replaced within 60 days, the Contract coordinator / Contract Manager of SDSC SHAR may deduct the cost (i.e., PO value of the system / subsystem or its current market value, whichever is higher) of the system/subsystem from the maintenance charge for that quarter.
  - (e) In case of any dispute between the Maintenance agency and any System-In-Charge, the decision of GM, SCOF & MAFS /RO is final and binding.
28. In case the maintenance agency knowingly or unknowingly is found causing any damage to systems in SDSC SHAR, suitable cost as worked out by SDSC SHAR shall be recovered.
29. In case of repair to Hard Disk drive like replacement of disk or formatting of the disk, the maintenance agency should reload the original genuine OS & preloaded software, from the copy provided by SDSC SHAR. The Agency should also load the application tools etc. and the agency should also provide support for taking data backup / restoration / recovery where ever possible in such cases.
30. If any of the systems, were found not working at the time of initial inspection, after award of the Purchase Order (maintenance contract), the maintenance agency can give estimate for the repairs. SDSC SHAR will have option to place an order for the repair and including the repaired system into maintenance contract.

31. The maintenance agency should make necessary arrangement for reception of maintenance calls during working hours. Maintaining a Call register is mandatory.
32. In case of replacement of any item, the faulty item may be taken back by the Maintenance agency, except for Hard Disk Drive. Such faulty Hard Disk Drive becomes the property of the department concerned (SDSC SHAR) for data security reasons.
33. The maintenance is fully comprehensive i.e. all the defective parts including plastic gear wheels, sensors and etc. of essential nature should be replaced at free of cost with good working parts. However, problems proven, arising due to reasons other than normal usage like, rodents / Lizard damaging the system, water entering the system, wrong input power, user accidentally damaging the system, etc. can be repaired on chargeable basis, after scrutiny. In case of dispute the decision of the GM, SCOF & MAFS is final.
34. In the following circumstances, the maintenance of system PCs/Printers/Scanners etc are not covered in maintenance contract.
  - (a) Failure due to electrical problem, failure due to lightning effect on the PC/Printer/Scanner.
  - (b) Damages to the equipment due to natural causes like fire, flood, riot, pest, lizard, rat, tampering, theft, thunder, lightning, water leakage, electric short circuit, etc.
  - (c) Damage / burnt case of the equipment due to power fluctuation, wherever it is directly connected to mains supply.

The damaged PC / Printers due to above reasons shall be rectified on chargeable basis. The quotation for repair charges should be submitted to the Contract coordinator / Contract Manager and will be cleared by GM, SCOF & MAFS / RO for getting the work done by maintenance agency by issuing work order and the bill will be cleared by Contract Manager & GM, SCOF & MAFS / RO.

35. The party shall provide a quote for all the spare parts of PCs and Printers. SDSC SHAR will use these quotes and place Work Order when the system is to be repaired on chargeable basis due to reasons explained in 33 & 34. The vendor has to provide the quote for the following items in the commercial bid and must be valid for the period of contract. If there is a need to change some spare parts which are not listed below, the cost should be mutually agreed by SDSC SHAR and the party.

***PCs:***

- a) SMPS for all specified PC models
- b) Motherboard (H57,Q67,Q77,B85, Q87, C230, C236,C246 or equivalent type
- c) Memory (DDR3 2GB/4GB and DDR4 4GB/8GB/16GB)

- d) Processor (Core2duo, Core2Quad, i3,i5 & i7)
- e) Processor fan
- f) NIC card
- g) HDD (320GB/500GB/1TB)
- h) DVD RW Drive/Blue Ray Drive
- i) Graphics card
- j) Monitor LCD/LED (18.5"/19"/22"/23")
- k) Add-on USB card, Printer port card, Audio card suitable for system cabinets
- l) Any other computer spare parts can be added by vendor.

***Printers:***

- a) Logic board of all printers & Scanners
  - b) Power Supply board of all Printers
  - c) HVPS Board of all printers
  - d) Fuser kit of all B&W and color LaserJet Printers
  - e) Transfer Kit (ITB) of all color LaserJet Printers
  - f) Print heads for all inkjet/office jet Printers
  - g) Front door /Back door/Printer enclosure of all Printers
  - h) Main drive gear assembly for all B&W and Color Laser Printers
  - i) Wiring set for all LaserJet & Inkjet Printers
  - j) Carriage block for all Laser Jet & Inkjet Printers (With Carriage belt)
  - k) Fuser drive motor for LaserJet Printers
  - l) Main gear motors for ink jet Printers
  - m) Head Assembly unit with setup cartridges for inkjet (7110/8100/251dw/8210) Printers
  - n) Service station with motors & cable set for all ink jet Printers
  - o) Paper feed motor for all Printers
  - p) Scanning assembly for all LaserJet printers & Scanners
  - q) Flat Ribbon interface cables for all Printers & Scanners
  - r) Encoder strip for all inkjet Printers
36. The Work Order should be completed / executed on or before the date mentioned in the Work Order. In case of not completing the work as per the date mentioned Work Order, the Contract Coordinator of SDSC SHAR may deduct 10% (Max.) of the Work Order cost.
37. The maintenance agency should provide Security Deposit (in the form of Bank Guarantee) equivalent to 10% of the order value, valid till the end of the contract period, with a claim period of at least 3 months.

38. The maintenance agency should cooperate fully in handing over the systems to the next agency (in case it is decided on some other maintenance agency) or to the concerned user, on the date of expiry of the contract. If any system is found to be faulty at the end of contract period, SDSC SHAR will work out the estimated repair charges and the same amount will be deducted from the payments due to the agency or/and from the security deposit.
39. The maintenance agency should observe the security procedures applicable at SDSC SHAR. SDSC SHAR, Sriharikota is declared as Prohibited Place under Official Secrets Act, 1923 and infiltrators into the premises of SDSC SHAR are liable for prosecution. The agency is required to ensure that the persons posted / employed to carry out works related to contract awarded are trustworthy, bearing good character, discipline and Antecedents. The agency should take the responsibility for their proper conduct during the period of employment. The agency is also required to submit a certificate for Bio-data of their employees along with their request for issue of passes \ tokens for entry into the premises of SDSC SHAR. The engineers posted at SDSC SHAR must display their Identity, issued by the agency along with the entry permit issued by SDSC SHAR when they are on duty.
40. SDSC SHAR shall not be responsible for any injury to the personnel of the agency, and damage to any property of the agency, caused at site.
41. The security regulations of the center should be faithfully observed and any loss or damage incurred by SDSC SHAR on account of the failure of any nature to follow such security regulations by the maintenance agency shall be borne by the agency.
42. Entry passes will be issued to the maintenance Engineers identified to attend the maintenance / breakdown calls at SDSC SHAR. For this purpose, the maintenance agency should provide along with the acceptance of the contract the bio-data & Offer of appointment / letter of posting for the service Engineers, duly signed by chief executive of the agency.

## VI. LIST OF SPARES TO BE MAINTAINED

**Minimum number of PC / Printer / subsystem spares to be maintained at SDSC SHAR during the maintenance contract.**

**TABLE - 1**

<b>Sl. No.</b>	<b>Description of the system / subsystem spares</b>	<b>Qty</b>
1.	MNC Brand intel core 2 duo or above full systems without mouse, keyboard and monitor	10
2.	MNC brand Mother Boards (H57, Q67, Q77, B85,Q87 C230, C236, C246 or equivalent)	10
3.	Processors (Core2duo, Core2Quad, i3, i5 & i7) with necessary cooling fans suitable for the above.	10
4.	Memory Modules DDR3 4GB (1333MHz / 1600MHz or above)	10
5.	Memory Modules DDR4 4GB/8GB/16GB (2133MHz / 2400MHz / 2666MHz or above)	10
6.	SATA Hard disks (320GB/500GB/1TB) with necessary cables	15
7.	DVD Drive R/W (Writer)	10
8.	Blue Ray Drive	5
9.	SMPS(24 pin) suitable for i7 or equivalent supported Mother Boards	10
10.	SMPS Suitable for Fujitsu W410, E520, Dell OptiPlex 3020, 3046, 7010, 9020, HP Pro desk 400 G2 and G3 , HP Z240 & Lenovo P330	10
11.	Graphics Display Cards with Min. 1GB on Board Memory	5
12.	NIC Cards (Giga byte) 10/100/1000 (flat and bed type)	10
13.	USB 2.0 or better Add on Adapters	5
14.	Key Boards Windows Compatible Multi Media PS-2/USB-2.0 Connector	30
15.	2 Button Optical Scroll Mouse PS-2/USB-2.0 Connector	30
16.	External Speakers Sets	5
17.	18.5"/19"/22"/23" TFT(LED) Color Monitors	10

18.	Spare HP Laser Jet Printers A4 Size with Power Adapter & Toner	5
19.	Spare HP Color Laser Jet printer A4 Size with Toners and Power Adapter	1
20.	Spare HP Ink jet printers A4 Size Printers, with Power Adapter and cartridges	5
21.	Spare HP Ink jet printers A3 Size Printers, with Power Adapter and cartridges	5
22.	Spare Scanners A4 Size with Power Adapter	4
23.	Teflon sheets & Pressure rollers for Laser Jet (HP 2055, 3015dn, 501dn, M401 & M403dn) printers	20
24.	Teflon sheets & Pressure rollers for HP CLJ (1525N, 551dn, M251N, M252dw, M553dn, M452dn, M750dn) printers	6
25.	Fuser assembly for LaserJet and Color Laser Jet Printers	10
26.	Pick up roller for 2000, 3000 and 400 series Laser Jet Printers	10
27.	Pickup rollers for HP CLJ(1525, M251N, M252dw, M551, M553, M452, M750dn)	5
28.	Separation pad for 2000, 3000 and 400 series Laser Jet Printers	10
29.	Separation pad for HP CLJ(1525, M251n, M551, M252dw, M553, M452, M750dn)	5
30.	Logic card for Laser Jet Printers (HP 2055, 501dn, 3015, M401d, M403dn) and Color Laser Jet Printers	10
31.	Power supply board for Laser Jet (HP 2055, 3015, 501dn, M401d, M403dn) and Color Jet Printers	10
32.	Encoder strip for A3 inkjet Printers (Office Jet 7110)	10
33.	Encoder strip for A4 inkjet Printers (Office jet 8100, 251dw, 8210)	10
34.	Logic card for A4 inkjet Printers (Office Jet 8100, 251dw, 8210)	10
35.	Logic card for A3 inkjet Printers (Office Jet 7110)	10
36.	Pipe set for A3 inkjet Printers (Office Jet 7110)	5
37.	Carriage block with cable for A3 inkjet Printers (Office Jet 7110)	10
38.	Carriage block with cable for A4 inkjet Printers (Office Jet 8100, 251dw, 8210)	6

39.	Pickup roller for A3 inkjet Printers (HP Office Jet 7110)	10
40.	Pickup roller for A4 inkjet Printers (HP Office Jet 8100, 251dw, 8210)	10
41.	Separation pad for inkjet Printers (HP Office jet 8100, 251dw, 8210, 7110)	5
42.	Power supply adapter for A3/A4 inkjet Printers (HP OJ8210, OJ7110, OJ8100, 251dw)	5
43.	DC control Board and Logic Board for all Laser Jet and Color Laser Jet Printers	5
44.	Gear set and carriage block belt for A4 & A3 Printers	5
45.	Head Assembly unit with Setup cartridges for HP OJ7110	10
46.	Head Assembly unit with Setup cartridges for HP OJ8100, 251dw, 8210	10
47.	Service station with motor, pinch rollers and pickup roller set with rod for HP OJ 8210, 7110, 8100, 251dw	10
48.	Fuser drive gear sets for all Color laser Printers	10
49.	Service station, carriage block, logic card, power supply unit, Carriage block unit and pipe set for HP Design Jet 1200, 1500, 2500, 520, 3500, 930 Plotters	10

## ANNEXURE-A

### PCS TO BE MAINTAINED FROM 01/01/2021 TO 31/12/2022 AT SDSC SHAR

S.No	Default_OS	Config.No in Annexure-C	Make	Model	From	To	Qty	No of months	Amount charged per unit per month	Total Amount For the Period	GST	Total Amount For the Period with GST
1	Win 7	7	ACER	ACER VERITON	01-01-21	31-12-22	1	24				
2	Win 7	1	ACER	VERITON M-200H57	01-01-21	31-12-22	20	24				
3	Win 7	2	FUJITSU	FUJITSU W 410	01-01-21	31-12-22	51	24				
4	Win 7	3	DELL	OPTIPLEX 7010MT	01-01-21	31-12-22	161	24				
5	Win 7	4	FUJITSU	ESPRIMO E520	01-01-21	31-12-22	80	24				
6	Win 7	13	DELL	OPTIPLEX 3020	01-01-21	31-12-22	2	24				
7	Win 7	4A	FUJITSU	ESPRIMO E520	01-01-21	31-12-22	43	24				
8	Win 7	13A	DELL	OPTIPLEX 3020	01-01-21	31-12-22	2	24				
9	WIN 7	5	DELL	OPTIPLEX 9020	01-01-21	31-12-22	58	24				
10	Win 7	12	HP	PRO DESK400G2MT	01-01-21	31-12-22	1	24				
11	Win 7	8	HCL	HCL PC	01-01-21	31-12-22	1	24				
12	Win 7	9	LENOVO	THINK CENTRE PC	01-01-21	31-12-22	2	24				
13	Win 7	11	HP	Elite 8300	01-01-21	31-12-22	2	24				
14	Win 7	10	ACER	VERITON	01-01-21	31-12-22	3	24				
15	Win 7	16	HP	COMPAQ 8200Elite	01-01-21	31-12-22	1	24				
16	Win 7	18	DELL	OPTIPLEX 700	01-01-21	31-12-22	1	24				
17	Win 7	30	HP	ALL IN ONE PC	01-01-21	31-12-22	1	24				
18	Win 7	31	HP	Z230 TOWER Work station	01-01-21	31-12-22	1	24				



19	Win 7	32	HP	260-P021IN	01-01-21	31-12-22	1	24				
20	Win 7	14	DELL	OPTIPLEX 9020	01-01-21	31-12-22	3	24				
21	Win 7	27A	DELL	OPTIPLEX 3046	01-01-21	31-12-22	2	24				
22	Win 7 Emb	15	FIJUTSU	S920 TC	01-01-21	31-12-22	4	24				
23	Win 7	26	DELL	OPTIPLEX	01-01-21	31-12-22	5	24				
24	Win 7	6	HP	PAVILION550-7561L	01-01-21	31-12-22	1	24				
25	WIN 7	12A	HP	PRODESK 400G2	01-01-21	31-12-22	67	24				
26	W7/W10	19	HP	PRODESK 400G3	01-01-21	31-12-22	373	24				
27	Win 7	28	DELL	OPTIPLEX	01-01-21	31-12-22	1	24				
28	Win 7 Emb	20	HP	t820 Thin Client	01-01-21	31-12-22	10	24				
29	Win 7 Emb	21	HP	t730Thin Client	01-01-21	31-12-22	7	24				
30	Win 7 Emb	22	DELL	Wyse 5020	01-01-21	31-12-22	200	24				
31	W10	17	DELL	VOSTRO	01-01-21	31-12-22	1	24				
32	Win 7	29	DELL	OPTIPLEX 7050	01-01-21	31-12-22	1	24				
33	Win 7	27	DELL	OPTIPLEX 3046	01-01-21	31-12-22	11	24				
34	Win 10	29A	DELL	OPTIPLEX 7050	01-01-21	31-12-22	2	24				
35	Win 10	24	HP	Z240 TOWER Workstation	01-11-21	31-12-22	301	14				
36	Win 10	24A	HP	Z240 TOWER Workstation	01-04-22	31-12-22	81	9				
37	Win 7 Emb	22A	DELL	Wyse 5020	01-05-22	31-12-22	59	8				
38	Win 10	23	HLBS	THIN CLIENT	01-07-22	31-12-22	29	6				
39	Win 10	25	LENOVO	P 330 THINKSTATION	01-11-22	31-12-22	385	2				
							<b>Total</b>	<b>1975</b>	<b>855</b>			

## Annexure-B

### PRINTERS TO BE MAINTAINED FROM 01-01-2021 TO 31-12-2022 AT SDSC SHAR

S.NO	Config.No in Annexure- D	Type	Subtype	Make	Model	From	To	Qty	No of months	Amount charged per unit per month	Total Amount For the Period	GST	Total Amount For the Period with GST
1	1	PRINTER	LASERJET	HP	P2055D	01-01-21	31-12-21	33	12				
2	2	PRINTER	LASERJET	HP	P3015DN	01-01-21	31-12-21	2	12				
3	1	PRINTER	LASERJET	HP	P2055D	01-01-21	31-12-21	20	12				
4	2	PRINTER	LASERJET	HP	P3015DN	01-01-21	31-12-21	9	12				
5	1	PRINTER	LASERJET	HP	P2055D	01-01-21	31-12-21	1	12				
6	3	SCANNER	SCANJET	HP	G4050	01-01-21	31-12-21	7	24				
7	4	PRINTER	LASERJET MFD	HP	M1536DNF	01-01-21	31-12-22	1	24				
8	21	PRINTER	LASERJET	HP	M1005MFP	01-01-21	31-12-22	1	24				
9	5	PRINTER	COL LASERJET	HP	1525N	01-01-21	31-12-22	6	24				
10	3	SCANNER	SCANJET	HP	G4050	01-01-21	31-12-22	5	24				
11	6	PRINTER	OFFICEJET	HP	OJ7110	01-01-21	31-12-22	16	24				
12	7	PRINTER	COL LASERJET	HP	CLJ M251N	01-01-21	31-12-22	5	24				
13	10	PRINTER	OFFICEJET	HP	OJ 8100	01-01-21	31-12-22	21	24				
14	8	PRINTER	COL LASERJET	HP	CLJ 551DN	01-01-21	31-12-22	8	24				
15	9	PRINTER	COL LASERJET	HP	CLJ 5525DN	01-01-21	31-12-22	2	24				
16	11	PRINTER	LASERJET	HP	LJ M401DN	01-01-21	31-12-22	33	24				
17	11	PRINTER	LASERJET	HP	LJ M401DN	01-01-21	31-12-22	28	24				
18	2	PRINTER	LASERJET	HP	LJ P3015DN	01-01-21	31-12-22	4	24				

19	6	PRINTER	OFFICEJET	HP	OJ7110	01-01-21	31-12-22	38	24				
20	8	PRINTER	COL LASERJET	HP	CLJ M551DN	01-01-21	31-12-22	3	24				
21	10	PRINTER	OFFICEJET	HP	OJ 8100	01-01-21	31-12-22	10	24				
22	2	PRINTER	LASERJET	HP	LJ P3015DN	01-01-21	31-12-22	14	24				
23	6	PRINTER	OFFICEJET	HP	OJ7110	01-01-21	31-12-22	8	24				
24	8	PRINTER	COL LASERJET	HP	CLJ M551DN	01-01-21	31-12-22	2	24				
25	22	PRINTER	LASERJET	HP	1505	01-01-21	31-12-22	1	24				
26	3	SCANNER	SCANJET	HP	G4050	01-01-21	31-12-22	3	24				
27	2	PRINTER	LASERJET	HP	LJ P3015DN	01-01-21	31-12-22	10	24				
28	8	PRINTER	COL LASERJET	HP	CLJ M551DN	01-01-21	31-12-22	9	24				
29	12	SCANNER	SCANJET	HP	N9120	01-01-21	31-12-22	2	24				
30	13	PLOTTER	DESIGNJET	HP	T1200	01-01-21	31-12-22	1	24				
31	13	PLOTTER	DESIGNJET	HP	T1500	01-01-21	31-12-22	1	24				
32	14	PLOTTER	DESIGNJET	HP	T2500	01-01-21	31-12-22	1	24				
33	4	PRINTER	MF_LASERJET	HP	LJ M-1536DNF	01-01-21	31-12-22	1	24				
34	15	PRINTER	COL LASERJET	HP	M-750DN	01-01-21	31-12-22	1	24				
35	15	PRINTER	COL LASERJET	HP	M-750DN	01-01-21	31-12-22	1	24				
36	16	PLOTTER	DESIGNJET(A1)	HP	T520	01-01-21	31-12-22	1	24				
37	14	PLOTTER	DESIGNJET	HP	T2500	01-01-21	31-12-22	1	24				
38	21	PRINTER	LASERJET	HP	M1136MFP	01-01-21	31-12-22	2	24				
39	11	PRINTER	LASERJET	HP	LJ M401DN	01-01-21	31-12-22	1	24				
40	1	PRINTER	LASERJET	HP	P2055D	01-01-21	31-12-22	3	24				
41	8	PRINTER	COL LASERJET	HP	CLJ M551DN	01-01-21	31-12-22	1	24				
42	35	PRINTER	COL LASERJET	HP	CLJ M552DN	01-01-21	31-12-22	2	24				
43	17	SCANNER	FILM SCANNER	HP	SCANJET 5590	01-01-21	31-12-22	6	24				
44	10	PRINTER	OFFICEJET	HP	OJ 8100	01-01-21	31-12-22	5	24				
45	7	PRINTER	COL LASERJET	HP	CLJ M251N	01-01-21	31-12-22	5	24				
46	2	PRINTER	LASERJET	HP	LJ P3015DN	01-01-21	31-12-22	3	24				
47	11	PRINTER	LASERJET	HP	LJ M401DN	01-01-21	31-12-22	21	24				
48	18	PRINTER	OFFICEJET	HP	OJ7110	01-01-21	31-12-22	14	24				
49	19	PRINTER	COL LASERJET	HP	CP1025	01-01-21	31-12-22	2	24				
50	22	PRINTER	LASERJET	HP	P1108	01-01-21	31-12-22	1	24				
51	29	PRINTER	LASERJET	HP	LASERJET	01-01-21	31-12-22	1	24				

52	34	PRINTER	OFFICEJET	HP	PRO8732M	01-01-21	31-12-22	1	24				
53	23	PRINTER	OFFICEJET	HP	PRO 251DW	01-01-21	31-12-22	34	24				
54	24	PRINTER	LASERJET	HP	M403DN	01-01-21	31-12-22	165	24				
55	17	SCANNER	FILM SCANNER	HP	SCANJET 5590	01-01-21	31-12-22	36	24				
56	27	PRINTER	LASERJET	HP	M501DN	01-01-21	31-12-22	7	24				
57	26	PRINTER	COL LASERJET	HP	M252dw	01-01-21	31-12-22	27	24				
58	25	PRINTER	COL LASERJET	HP	M553dn	01-01-21	31-12-22	19	24				
59	20	PRINTER	OFFICEJET	HP	OJ200 Mobile	01-01-21	31-12-22	1	24				
60	18	PRINTER	OFFICEJET	HP	OJ7110	01-01-21	31-12-22	47	24				
61	28	PRINTER	OFFICEJET	HP	OJ8210	01-02-21	31-12-22	89	23				
62	24	PRINTER	LASERJET	HP	M403DN	01-06-21	31-12-22	34	19				
63	32	PLOTTER	DESIGNJET	HP	T3500(A0)	01-06-21	31-12-22	1	19				
64	31	SCANNER	FILM SCANNER	HP	SCANJET2500F1	01-10-21	31-12-22	14	15				
65	24	PRINTER	LASERJET	HP	M403DN	01-12-21	31-12-22	48	13				
66	18	PRINTER	OFFICEJET	HP	OJ7110	01-01-22	31-12-22	26	12				
67	32	PLOTTER	DESIGNJET	HP	T3500(A0)	01-02-22	31-12-22	1	11				
68	28	PRINTER	OFFICEJET	HP	OJ8210	01-02-22	31-12-22	42	11				
69	15	PRINTER	COL LASERJET	HP	M-750DN	01-03-22	31-12-22	1	10				
70	30	PRINTER	COL LASERJET	HP	M452DN	01-06-22	31-12-22	21	7				
71	33	PLOTTER	DESIGNJET	HP	T-930 PS	01-08-22	31-12-22	1	5				
72	24	PRINTER	LASERJET	HP	M403DN	01-11-22	31-12-22	43	2				
73	18	PRINTER	OFFICEJET	HP	OJ7110	01-11-22	31-12-22	27	2				
							<b>TOTAL</b>	<b>1062</b>	<b>1529</b>				

**ANNEXURE-C**  
**CONFIGURATION OF PERSONAL COMPUTERS (2021-2022)**

Ref. table	Config_name	Item details	PO and Configuration details	Qty
1	ACERM-200H57	<b>INW:38932 (CITI)</b> A) MAKE AND MODEL B) PROCESSOR BI)CHIPSET C) MEMORY D) HARD DISK E) KEYBOARD F) MOUSE G) MONITOR H)DVD R/W I) GRAPHICS J) PORTS K) SLOTS L) NETWORK INTERFACE M) AUDIO N) OS	<b>SHRO20100021160101 Dated 10/01/2011</b> ACER VERITON M-200H57 Intel Core i7, 870@2.93MHz H57 4GB DDR3, 1333MHz 500 GB PS2 PS2 optical ACER 23" LED DVD R/W 16X 512MB 8 USB ports, 1 Serial, 1 parallel 1 PCI, 1 PCI Exp, 1 DVI port & 6 SATA slots 2 (on board & Ext NIC) Nvidia Geforce Windows 7 Professional Licenced, 32 Bit.	20
2	FUJW410REL	<b>INW:42883(REL)</b> A) MAKE AND MODEL B) PROCESSOR BI)CHIPSET C) MEMORY D) HARD DISK E) KEYBOARD F) MOUSE G) MONITOR H)DVD R/W I) GRAPHICS J) PORTS K) SLOTS L) NETWORK INTERFACE M) AUDIO N) OS	<b>SHRO20110010310101 Dated 01/03/2012</b> FUJITSU CELCIUS W410 Intel Core i7-2600, 3.40GHz Q67 4GB(2X2GB),DDR3(1333MHz) 500GB SATA USB USB Optical Fijitsu 19" LCD Super multi SATA slim DVD R/W  12 USB ports DVI+VGA adaptor 4 PCI slots (PCIe-3 & 1 PCI), Ext SATA slot On board NIC YES Windows 7 Professional Licenced, 64/32 Bit.	51
3	DELL1TB7010	<b>INW:47901 (GBB)</b> A) MAKE AND MODEL B) PROCESSOR BI)CHIPSET C) MEMORY D) HARD DISK E) KEYBOARD F) MOUSE G) MONITOR H)DVD R/W I) GRAPHICS J) PORTS K) SLOTS L) NETWORK INTERFACE M) AUDIO N) OS	<b>SHRO20130003790101 Dated 14/05/2013</b> DELL OPTIPLEX 7010 MT Intel Core i7-3770, Q77 4GB(2X2GB) Non-ECC DDR3(1600MHz) 1TB 7200RPM SATA USB USB Optical DELL 18.5" LED Backlight 16*DVD+/-RW Drive Intel HD Graphics 4000 10 USB ports 3 PCIe Slots,1 PCI Slot On board NIC Integrated Audio Windows 7 Professional Licenced, 64 Bit/32 Bit	161
4	FUJE520CONFIG1	<b>INW:50793(REL)</b> A) MAKE AND MODEL B) PROCESSOR BI)CHIPSET C) MEMORY D) HARD DISK	<b>SHRO2013E008460101 Dated 09/01/2014</b> FUJITSU ESPRIMO E520 Intel Core i7-4770 B85 4GB(2X2GB) Non-ECC DDR3(1600MHz) 1TB 7200RPM SATA	80

		<p>E) <i>KEYBOARD</i>  F) <i>MOUSE</i>  G) <i>MONITOR</i>  H) <i>DVD R/W</i>  I) <i>GRAPHICS</i>  J) <i>PORTS</i>  K) <i>SLOTS</i>  L) <i>NETWORK INTERFACE</i>  M) <i>AUDIO</i>  N) <i>OS</i></p>	<p>USB  USB Optical  Fujitsu 20" LED Monitor  16*DVD+/-RW Drive  NO  8 USB ports  2 PCIe Slots,2 PCI Slot  100/1000MBPS with RJ45  Integrated Audio/Audio-in, Audio-out  Windows 7 Professional Licenced, 64Bit</p>	
<b>4A</b>	<b>FUJE520CONFIG2</b>	<p><b>INW:51956 (REL)</b>  A) <i>MAKE AND MODEL</i>  B) <i>PROCESSOR</i>  BI) <i>CHIPSET</i>  C) <i>MEMORY</i>  D) <i>HARD DISK</i>  E) <i>KEYBOARD</i>  F) <i>MOUSE</i>  G) <i>MONITOR</i>  H) <i>DVD R/W</i>  I) <i>GRAPHICS</i>  J) <i>PORTS</i>  K) <i>SLOTS</i>  L) <i>NETWORK INTERFACE</i>  M) <i>AUDIO</i>  N) <i>OS</i></p>	<p><b>SHRO2013E008460102 Dated 10/03/2014</b>  FUJITSU ESPRIMO E520  Intel Core i7-4770  B85  4GB(2X2GB) Non-ECC DDR3(1600MHz)  1TB 7200RPM SATA  USB  USB Optical  Fujitsu 20" LED Monitor  16*DVD+/-RW Drive  NO  8 USB ports  2 PCIe Slots,2 PCI Slot  100/1000MBPS with RJ45  Integrated Audio/Audio-in, Audio-out  Windows 7 Professional Licenced, 64 and 32 Bit</p>	<b>43</b>
<b>5</b>	<b>DELLOPT9020</b>	<p><b>INW:54379 (GBB)</b>  A) <i>MAKE AND MODEL</i>  B) <i>PROCESSOR</i>  BI) <i>CHIPSET</i>  C) <i>MEMORY</i>  D) <i>HARD DISK</i>  E) <i>KEYBOARD</i>  F) <i>MOUSE</i>  G) <i>MONITOR</i>  H) <i>DVD R/W</i>  I) <i>GRAPHICS</i>  J) <i>PORTS</i>  K) <i>SLOTS</i>  L) <i>NETWORK INTERFACE</i>  M) <i>AUDIO</i>  N) <i>OS</i></p>	<p><b>SHRO2014E013640101 Dated 21/11/2014</b>  DELL OPTIPLEX 9020  Intel Core i7 (4th Generation-4790), 3.6GHz,  Q87  4GB DDR3 (1600MHz)  1TB 7200RPM SATA  USB  USB Optical Scroll  DELL 19" LED Monitor (E1913C)  16*DVD+/-RW Drive  Grapahics 4600  2 USB 3.0, 6 USB 2.0, DVI and VGA  Expansion slots 2  100/1000MBPS with RJ45  Integrated Audio and Sound card/Audio-in, Audio-out  Windows 7, 32bit and 64 bit Professional</p>	<b>58</b>
<b>6</b>	<b>HPPAVILION</b>	<p><b>INW:59725(ANATEK)</b>  A) <i>MAKE AND MODEL</i>  B) <i>PROCESSOR</i>  BI) <i>CHIPSET</i>  C) <i>MEMORY</i>  D) <i>HARD DISK</i>  E) <i>KEYBOARD</i>  F) <i>MOUSE</i>  G) <i>MONITOR</i>  H) <i>DVD R/W</i>  I) <i>GRAPHICS</i>  J) <i>PORTS</i>  K) <i>SLOTS</i>  L) <i>NETWORK INTERFACE</i>  M) <i>AUDIO</i>  N) <i>OS</i></p>	<p><b>SHSP20150004130102 Dated 07/01/2016</b>  HP PAVILION 550-75611  Intel Core i5 (4th Generation)    84GB DDR3  500GB SATA  USB  USB  21" LCD  DVD RW  2 GB Graphics  USB 2.2 - 5 NOS    10/100/1000MBPS with RJ45  Integrated Audio and Sound card/Audio line out  Windows 7</p>	<b>1</b>

7	ACERVER_8GB	INW:39261(CAPTRONIC)	SHLS20100015770101 Dated 07/02/2011	1
		A) MAKE AND MODEL B) PROCESSOR B1)CHIPSET C) MEMORY D) HARD DISK E) KEYBOARD F) MOUSE G) MONITOR H)DVD R/W I) GRAPHICS J) PORTS K) SLOTS L) NETWORK INTERFACE M) AUDIO N) OS	ACER VERITON Intel Core 2 Duo E8600 3.33GHZ  8 GB DDR2(800Mhz) 500GB , 7200RPM, SATA PS/2 PS/2 optical 19" LCD DVD RW 2 GB Graphics USB 2.0-4  10/100/1000MBPS with RJ45 Integrated Audio and Sound card/Audio line out Windows 7	
8	HCL PC	INW: A) MAKE AND MODEL B) PROCESSOR B1)CHIPSET C) MEMORY D) HARD DISK E) FLOPPY DISK DRIVE F) KEYBOARD G) MOUSE H) MONITOR I) COMBO DRIVE J) GRAPHICS K) PORTS L) SLOTS M) NETWORK INTERFACE N) CABINET  O) AUDIO P) OS	HCL PC INTEL CORE 2 QUAD E6300 @ 1.86 GHZ INTEL G31 EXPRESS/2 MB L2 2 GB DDR2 SDRAM @ 667 MHZ 160 GB SATA (7200 RPM) 3.5" 1.44 MB FDD WINDOWS COMPATIBLE OPTICAL SCROLL 17"TFT COLOR 48X/32 CD-RW DVD-RO INTEL GRAPHICS MEDIA ACCELERATOR 1 SERIAL, 1 PARALLEL AND 6 USB 2 PCI FULL HEIGHT, 1 PCI EXPRESS SLOT ETHERNET (10/100/1000 MBPS CONVERTIBLE MINI TOWER INTEGRATED AUDIO/PHILIPS SPEAKERS AND MICROPHONE ZEBRONIC MAKE Windows 7	1
9	LENOVOTHINK	INW: A) MAKE AND MODEL B) PROCESSOR B1)CHIPSET C) MEMORY D) HARD DISK E) KEYBOARD F) MOUSE G) MONITOR H)DVD R/W I) GRAPHICS J) PORTS K) SLOTS L) NETWORK INTERFACE M) AUDIO N) OS	LENOVO THINK CENTRE PC Intel Pentium CPU  2 GB DDR2(800Mhz) 500GB , 7200RPM, SATA PS/2 PS/2 optical 19" LCD DVD RW 2 GB Graphics USB 2.0-4  10/100/1000MBPS with RJ45 Integrated Audio and Sound card/Audio line out Windows 7	2
10	ACERVER_2GB	INW: A) MAKE AND MODEL B) PROCESSOR B1)CHIPSET C) MEMORY D) HARD DISK E) KEYBOARD F) MOUSE G) MONITOR	ACER VERITON Intel Core 2 Duo E8600 3.33GHZ  2 GB DDR2(800Mhz) 500GB , 7200RPM, SATA PS/2 PS/2 optical 19" LCD	3

		<p>H)DVD R/W</p> <p>I) GRAPHICS</p> <p>J) PORTS</p> <p>K) SLOTS</p> <p>L) NETWORK INTERFACE</p> <p>M) AUDIO</p> <p>N) OS</p>	<p>DVD RW</p> <p>2 GB Graphics</p> <p>USB 2.0-4</p> <p>10/100/1000MBPS with RJ45</p> <p>Integrated Audio and Sound card/Audio line out</p> <p>Windows 7</p>	
11	HP ELITE 8300	<p><b>INW:</b></p> <p>A) MAKE AND MODEL</p> <p>B) PROCESSOR</p> <p>B1)CHIPSET</p> <p>C) MEMORY</p> <p>D) HARD DISK</p> <p>E) KEYBOARD</p> <p>F) MOUSE</p> <p>G) MONITOR</p> <p>H)DVD R/W</p> <p>I) GRAPHICS</p> <p>J) PORTS</p> <p>K) SLOTS</p> <p>L) NETWORK INTERFACE</p> <p>M) AUDIO</p> <p>N) OS</p>	<p>HP ELITE 8300</p> <p>Intel Core i5 (4th Generation)</p> <p>4GB DDR3</p> <p>500GB SATA</p> <p>USB</p> <p>USB</p> <p>21" LCD</p> <p>DVD RW</p> <p>2 GB Graphics</p> <p>USB 2.2 - 5 NOS</p> <p>10/100/1000MBPS with RJ45</p> <p>Integrated Audio and Sound card/Audio line out</p> <p>Windows 7</p>	2
12	HPPRODESK_G2	<p><b>INW:</b></p> <p>A) MAKE AND MODEL</p> <p>B) PROCESSOR</p> <p>B1)CHIPSET</p> <p>C) MEMORY</p> <p>D) HARD DISK</p> <p>E) KEYBOARD</p> <p>F) MOUSE</p> <p>G) MONITOR</p> <p>H)DVD R/W</p> <p>I) GRAPHICS</p> <p>J) PORTS</p> <p>K) SLOTS</p> <p>L) NETWORK INTERFACE</p> <p>M) AUDIO</p> <p>N) OS</p>	<p>HP Pro desk 400G2</p> <p>Intel Core i7 (4th Generation-6700), 3.4GHz,</p> <p>4GB DDR3</p> <p>1TB SATA</p> <p>USB</p> <p>USB Optical Scroll</p> <p>HP 19" LED Monitor</p> <p>DVD RW</p> <p>NO</p> <p>2 USB 3.0, 2 USB 2.0, DVI and VGA</p> <p>Expansion slots 2</p> <p>100/1000MBPS with RJ45</p> <p>Integrated Audio and Sound card/Audio-in, Audio-out</p> <p>Windows 7, 32bit and 64 bit Professional</p>	1
12A	HPPRODESK_G2	<p><b>INW:58565(USAM)</b></p> <p>A) MAKE AND MODEL</p> <p>B) PROCESSOR</p> <p>B1)CHIPSET</p> <p>C) MEMORY</p> <p>D) HARD DISK</p> <p>E) KEYBOARD</p> <p>F) MOUSE</p> <p>G) MONITOR</p> <p>H)DVD R/W</p> <p>I) GRAPHICS</p> <p>J) PORTS</p> <p>K) SLOTS</p> <p>L) NETWORK INTERFACE</p> <p>M) AUDIO</p> <p>N) OS</p>	<p><b>SHRO2015E022650101 Dated 10/11/2015</b></p> <p>HP Pro desk 400G2</p> <p>Intel Core i7 (4th Generation-6700), 3.4GHz,</p> <p>4GB DDR3</p> <p>1TB SATA</p> <p>USB</p> <p>USB Optical Scroll</p> <p>HP Monitor 19" LED</p> <p>DVD RW</p> <p>2 USB 3.0, 2 USB 2.0, DVI and VGA</p> <p>Expansion slots 2</p> <p>100/1000MBPS with RJ45</p> <p>Integrated Audio and Sound card/Audio-in, Audio-out</p> <p>Windows 7, 32bit and 64 bit Professional</p>	67
13	DELLOPT3020	<p><b>INW:51686(ADASHA)</b></p> <p>A) MAKE AND MODEL</p> <p>B) PROCESSOR</p>	<p><b>SHVA20130007960101 Dated 19/04/2014</b></p> <p>DELL OPTIPLEX 3020 MT</p> <p>Intel Core i7-3770,</p>	2



B) <i>CHIPSET</i>	Q77
C) <i>MEMORY</i>	4GB(2X2GB) Non-ECC DDR3(1600MHz)
D) <i>HARD DISK</i>	1TB 7200RPM SATA
E) <i>KEYBOARD</i>	USB
F) <i>MOUSE</i>	USB Optical
G) <i>MONITOR</i>	DELL 18.5" LED Backlight
H) <i>DVD R/W</i>	16*DVD+/-RW Drive
I) <i>GRAPHICS</i>	Intel HD Graphics 4000
J) <i>PORTS</i>	10 USB ports
K) <i>SLOTS</i>	3 PCIE Slots,1 PCI Slot
L) <i>NETWORK INTERFACE</i>	On board NIC
M) <i>AUDIO</i>	Integrated Audio and Sound card/Audio line out
N) <i>OS</i>	Windows 7 Professional Licenced, 64 Bit/32 Bit

**13A DELLOPT3020**

**INW:54078(CAPTRONIC)**

**SHVA2014E011680201 Dated 23/07/2014**

**2**

A) *MAKE AND MODEL*  
 B) *PROCESSOR*  
 B1) *CHIPSET*  
 C) *MEMORY*  
 D) *HARD DISK*  
 E) *KEYBOARD*  
 F) *MOUSE*  
 G) *MONITOR*  
 H) *DVD R/W*  
 I) *GRAPHICS*  
 J) *PORTS*  
 K) *SLOTS*  
 L) *NETWORK INTERFACE*  
 M) *AUDIO*  
 N) *OS*

DELL OPTIPLEX 3020 MT  
 Intel Core i7-3770,  
 Q77  
 4GB(2X2GB) Non-ECC DDR3(1600MHz)  
 1TB 7200RPM SATA  
 USB  
 USB Optical  
 DELL 18.5" LED Backlight  
 16\*DVD+/-RW Drive  
 Intel HD Graphics 4000  
 10 USB ports  
 3 PCIE Slots,1 PCI Slot  
 On board NIC  
 Integrated Audio  
 Windows 7 Professional Licenced, 64 Bit/32 Bit

**14 DELLOPT9020**

**INW:58060(ADASHA)**

**SHVA2014E017330101 Dated 13/04/2015**

**3**

A) *MAKE AND MODEL*  
 B) *PROCESSOR*  
 B1) *CHIPSET*  
 C) *MEMORY*  
 D) *HARD DISK*  
 E) *KEYBOARD*  
 F) *MOUSE*  
 G) *MONITOR*  
 H) *DVD R/W*  
 I) *GRAPHICS*  
 J) *PORTS*  
 K) *SLOTS*  
 L) *NETWORK INTERFACE*  
 M) *AUDIO*  
 N) *OS*

DELL OPTIPLEX 9020  
 Intel Core i7 (4th Generation-4790), 3.6GHz,  
 Q87  
 4GB DDR3 (1600MHz)  
 1TB 7200RPM SATA  
 USB  
 USB Optical Scroll  
 DELL 19" LED Monitor (E1913C)  
 16\*DVD+/-RW Drive  
 Grpahics 4600  
 2 USB 3.0, 6 USB 2.0, DVI and VGA  
 Expansion slots 2  
 100/1000MBPS with RJ45  
 Integrated Audio and Sound card/Audio-in, Audio-out  
 Windows 7, 32bit and 64 bit Professional

**15 FIJUTSUS920**

**INW:57510(REDINGTON)**

**SHRO20130027000103 Dated 18/09/2014**

**4**

A) *MAKE AND MODEL*  
 B) *PROCESSOR*  
 B1) *CHIPSET*  
 C) *MEMORY*  
 D) *HARD DISK*  
 E) *KEYBOARD*  
 F) *MOUSE*  
 G) *MONITOR*  
 H) *DVD R/W*  
 I) *GRAPHICS*  
 J) *PORTS*  
 K) *SLOTS*  
 L) *NETWORK INTERFACE*  
 M) *AUDIO*

FIJUTSU FUTRO S920 THIN CLIENTS  
 DUAL CORE PROCESSOR  
 4GB DDR3  
 4 GB  
 USB  
 USB Optical Scroll  
 20" LED Monitor  
 DVD RW  
 2 USB 3.0, 2 USB 2.0, DVI and VGA  
 Expansion slots 2  
 100/1000MBPS with RJ45  
 Integrated Audio and Sound card/Audio-in, Audio-out

		N) OS	Windows 7 Embedded Standard, 32 Bit	
16	HP COMPAQ	<b>INW:43490(DEWETRON)</b> A) MAKE AND MODEL B) PROCESSOR B1)CHIPSET C) MEMORY D) HARD DISK E) KEYBOARD F) MOUSE G) MONITOR H)DVD R/W I) GRAPHICS J) PORTS K) SLOTS L) NETWORK INTERFACE M) AUDIO N) OS	<b>SHVA20100030520101 Dated 08/08/2011</b> HP COMPAQ 8200Elite Intel Core i5  4GB DDR3 500GB USB USB Optical Scroll HP Monitor 22" LED DVD RW  2 USB 3.0, 2 USB 2.0, DVI and VGA Expansion slots 2 100/1000MBPS with RJ45 Integrated Audio and Sound card/Audio-in, Audio-out Windows 7 32bit and 64 bit Professional	1
17	DELLVOST	<b>INW:64797(ENVISYS)</b> A) MAKE AND MODEL B) PROCESSOR B1)CHIPSET C) MEMORY D) HARD DISK E) KEYBOARD F) MOUSE G) MONITOR H)DVD R/W I) GRAPHICS J) PORTS K) SLOTS L) NETWORK INTERFACE M) AUDIO N) OS	<b>SHSE2017E054950101 Dated 19/05/2017</b> DELL VOSTRO Intel Core i5  4GB DDR3 1TB SATA USB USB Optical Scroll DELL Monitor 19" LED DVD RW  2 USB 3.0, 2 USB 2.0, DVI and VGA Expansion slots 2 100/1000MBPS with RJ45 Integrated Audio and Sound card/Audio-in, Audio-out Windows 10 32bit and 64 bit Professional	1
18	DELLOPT700	<b>INW:50594(CAPTRONIC)</b> A) MAKE AND MODEL B) PROCESSOR B1)CHIPSET C) MEMORY D) HARD DISK E) KEYBOARD F) MOUSE G) MONITOR H)DVD R/W I) GRAPHICS J) PORTS K) SLOTS L) NETWORK INTERFACE M) AUDIO N) OS	<b>SHVA2013E005880101 Dated 02/12/2013</b> DELL OPTIPLEX 700 Intel Core i7  4GB DDR3 500GB USB USB Optical Scroll DELL Monitor 19" LED DVD RW  2 USB 3.0, 2 USB 2.0, DVI and VGA Expansion slots 2 100/1000MBPS with RJ45 Integrated Audio and Sound card/Audio-in, Audio-out Windows 7, 32bit and 64 bit Professional	1
19	HPPRODESK_G3	<b>INW:60023(MICROCARE)</b> A) MAKE AND MODEL B) PROCESSOR B1)CHIPSET C) MEMORY D) HARD DISK E) KEYBOARD F) MOUSE G) MONITOR	<b>SHRO2015E032150101 Dated 11/03/2016</b> HP Pro desk 400G3 MT Intel Core i7 (6th Generation) C230 Series 8GB DDR4 1TB SATA USB USB Optical Scroll HP Monitor 20" LED	373

		<p>H)DVD R/W</p> <p>I) GRAPHICS</p> <p>J) PORTS</p> <p>K) SLOTS</p> <p>L) NETWORK INTERFACE</p> <p>M) AUDIO</p> <p>N) OS</p>	<p>Blue ray drive</p> <p>2 USB 3.0, 2 USB 2.0, DVI and VGA</p> <p>Expansion slots 2</p> <p>100/1000MBPS with RJ45</p> <p>Integrated Audio and Sound card/Audio-in, Audio-out</p> <p>Windows 7, 32bit and 64 bit Professional</p>	
20	HP t820 (Thin Client)	<p><b>INW:60389(USAM)</b></p> <p>A) MAKE AND MODEL</p> <p>B) PROCESSOR</p> <p>B1)CHIPSET</p> <p>C) MEMORY</p> <p>D) HARD DISK</p> <p>E) KEYBOARD</p> <p>F) MOUSE</p> <p>G) MONITOR</p> <p>H)DVD R/W</p> <p>I) GRAPHICS</p> <p>J) PORTS</p> <p>K) SLOTS</p> <p>L) NETWORK INTERFACE</p> <p>M) AUDIO</p> <p>N) OS</p>	<p><b>SHRO20140018940101 Dated 30/09/2015</b></p> <p>HP t820 Thin Client</p> <p>i5 Processor Quad Core with intel HD Graphics</p> <p>4GB(2X2GB) Non-ECC DDR3(1600MHz)</p> <p>32 GB</p> <p>USB</p> <p>USB Optical</p> <p>HP 18.5" LED Backlight</p> <p>No</p> <p>No</p> <p>4 USB ports, VGA and DVI</p> <p>No</p> <p>On board NIC</p> <p>No</p> <p>Windows 7 Embedded Standard, 32 Bit</p>	10
21	HP t730 (Thin Client)	<p><b>INW:61102(USAM)</b></p> <p>A) MAKE AND MODEL</p> <p>B) PROCESSOR</p> <p>B1)CHIPSET</p> <p>C) MEMORY</p> <p>D) HARD DISK</p> <p>E) KEYBOARD</p> <p>F) MOUSE</p> <p>G) MONITOR</p> <p>H)DVD R/W</p> <p>I) GRAPHICS</p> <p>J) PORTS</p> <p>K) SLOTS</p> <p>L) NETWORK INTERFACE</p> <p>M) AUDIO</p> <p>N) OS</p>	<p><b>SHRO20150015150101 Dated 15/03/2016</b></p> <p>HP T730 Thin Client</p> <p>Intel Core i5 Processor</p> <p>4GB(2X2GB) Non-ECC DDR3(1600MHz)</p> <p>16 GB</p> <p>USB</p> <p>USB Optical</p> <p>HP 18.5" LED Backlight</p> <p>No</p> <p>No</p> <p>4 USB ports VGA and DVI</p> <p>No</p> <p>On board NIC</p> <p>No</p> <p>Windows 7 Embedded Standard, 32 Bit</p>	7
22	DELL5020 (Thin Client)	<p><b>INW:61188(CEREBRA)</b></p> <p>A) MAKE AND MODEL</p> <p>B) PROCESSOR</p> <p>B1)CHIPSET</p> <p>C) MEMORY</p> <p>D) HARD DISK</p> <p>E) KEYBOARD</p> <p>F) MOUSE</p> <p>G) MONITOR</p> <p>H)DVD R/W</p> <p>I) GRAPHICS</p> <p>J) PORTS</p> <p>K) SLOTS</p> <p>L) NETWORK INTERFACE</p> <p>M) AUDIO</p> <p>N) OS</p>	<p><b>SHRO2015E032480101 Dated 04/08/2016</b></p> <p>DELL WYSE 5020</p> <p>AMD GX-415GA SOC with Radeon™ hd Graphics</p> <p>4GB(2X2GB) Non-ECC DDR3(1600MHz)</p> <p>32 GB</p> <p>USB</p> <p>USB Optical</p> <p>DELL 18.5" LED Backlight</p> <p>No</p> <p>No</p> <p>6 USB ports DPand DVI</p> <p>No</p> <p>On board NIC</p> <p>No</p> <p>Windows 7 Embedded Standard, 32 Bit</p>	200
22A	DELL5020 (Thin Client)	<p><b>INW: 66876(CEREBRA)</b></p> <p>A) MAKE AND MODEL</p> <p>B) PROCESSOR</p>	<p><b>SHRO20160016050101 Dated 05/12/2017</b></p> <p>DELL WYSE 5020</p> <p>AMD GX-415GA SOC with Radeon™ hd Graphics</p>	59

		<p>B1)CHIPSET  C) MEMORY  D) HARD DISK  E) KEYBOARD  F) MOUSE  G) MONITOR  H)DVD R/W  I) GRAPHICS  J) PORTS  K) SLOTS  L) NETWORK INTERFACE  M) AUDIO  N) OS</p>	<p>4GB(2X2GB) Non-ECC DDR3(1600MHz)  32 GB  USB  USB Optical  DELL 18.5" LED Backlight  No  No  6 USB ports DPand DVI  No  On board NIC  No  Windows 7 Embedded Standard, 32 Bit</p>	
23	HLBS (Thin Client)	<p>INW:71544(HLBS)  A) MAKE AND MODEL  B) PROCESSOR  B1)CHIPSET  C) MEMORY  D) HARD DISK  E) KEYBOARD  F) MOUSE  G) MONITOR  H)DVD R/W  I) GRAPHICS  J) PORTS  K) SLOTS  L) NETWORK INTERFACE  M) AUDIO  N) OS</p>	<p>SHRO20180017120101 Dated 05/02/2019  HLBS thin client  Intel  8GB Non-ECC DDR3(1600MHz)  128 GB  USB  USB Optical  HLBS 21.5" LED Backlight  No  No  6 USB, HDMI and VGA  On board NIC  No  Windows 10, 64 Bit</p>	29
24	HPZ240TOWER	<p>INW:69167(USAM)  A) MAKE AND MODEL  B) PROCESSOR  B1)CHIPSET  C) MEMORY  D) HARD DISK  E) KEYBOARD  F) MOUSE  G) MONITOR  H)DVD R/W  I) GRAPHICS  J) PORTS  K) SLOTS  L) NETWORK INTERFACE  M) AUDIO  N) OS</p>	<p>SHRO20180001060101 Dated 24/09/2018  HP Z240 TOWER WORKSTATION  Intel core i7-7700  C236/8MB L3  16GB Non-ECC DDR4(2400MHz)  1 TB  USB  USB Optical  HP 19.5" LED Backlight WITH DP Cables  YES  On board NIC  10 USB, 2 DP and DVI  3 PCIe,1 PCI  Integrated Gigabit 10/100/1000  Integrated Audio  Windows 10 Professional, 64 Bit</p>	301
24A	HPZ240TOWER	<p>INW: 70737,70878(USAM)  A) MAKE AND MODEL  B) PROCESSOR  B1)CHIPSET  C) MEMORY  D) HARD DISK  E) KEYBOARD  F) MOUSE  G) MONITOR  H)DVD R/W  I) GRAPHICS  J) PORTS  K) SLOTS  L) NETWORK INTERFACE  M) AUDIO</p>	<p>SHRO20180043100101 Dated 05/02/2019  HP Z240 TOWER WORKSTATION  Intel core i7-7700  C236/8MB L3  16GB Non-ECC DDR4(2400MHz)  1 TB  USB  USB Optical  HP 19.5" LED Backlight WITH DP Cables  YES  On board NIC  10 USB, 2 DP and DVI  3 PCIe,1 PCI  Integrated Gigabit 10/100/1000  Integrated Audio</p>	81

		N) OS	Windows 10 Professional, 64 Bit	
25	LENOVOP330	<b>INW:73645(JINTECH)</b> A) MAKE AND MODEL B) PROCESSOR B1)CHIPSET C) MEMORY D) HARD DISK E) KEYBOARD F) MOUSE G) MONITOR H)DVD R/W I) GRAPHICS J) PORTS K) SLOTS L) NETWORK INTERFACE M) AUDIO N) OS	<b>SHRO20180043100101 Dated 05/02/2019</b> LENOVO P330 THINKSTATION Intel core i7-8700 C246/12MB 16GB Non-ECC DDR4(2666MHz) 1 TB USB USB Optical LENOVO 19.5" LED Backlight WITH DP Cables YES Integrated G630 6 USB, 2 DP and USB C type 3 PCIe,1 PCI Integrated Gigabit 10/100/1000 Integrated Audio Windows 10 Professional, 64 Bit	385
26	DELLOPT_01	<b>INW:</b> A) MAKE AND MODEL B) PROCESSOR B1)CHIPSET C) MEMORY D) HARD DISK E) KEYBOARD F) MOUSE G) MONITOR H)DVD R/W I) GRAPHICS J) PORTS K) SLOTS L) NETWORK INTERFACE M) AUDIO N) OS	DELL OPTIPLEX Intel Core i7 Q77  1TB USB USB Optical DELL 18.5" LED Backlight 16*DVD+/-RW Drive No 6 USB ports , VGA 3 PCIE Slots,1 PCI Slot On board NIC Integrated Audio Windows 7 Professional, 64 Bit/32 Bit	5
27	DELLOPT3046	<b>INW:62999(HONEYWELL)</b> A) MAKE AND MODEL B) PROCESSOR B1)CHIPSET C) MEMORY D) HARD DISK E) KEYBOARD F) MOUSE G) MONITOR H)DVD R/W I) GRAPHICS J) PORTS K) SLOTS L) NETWORK INTERFACE M) AUDIO N) OS	<b>SHSE2016E042880101 Dated 10/11/2016</b> DELL OPTIPLEX 3046 Intel Core i7-6100,  4 GB NON ECC DDR3 1 TB USB USB Optical DELL NO NO 4 USB, VGA 2 PCIe, 1 PCI On board NIC Integrated Audio Windows 7 Professional, 64 Bit	11
27A	DELLOPT3046	<b>INW:</b> A) MAKE AND MODEL B) PROCESSOR B1)CHIPSET C) MEMORY D) HARD DISK E) KEYBOARD F) MOUSE G) MONITOR	DELL OPTIPLEX 3046 Intel Core i7-6100,  4 GB NON ECC DDR3 1 TB USB USB Optical DELL	2

		H)DVD R/W I) GRAPHICS J) PORTS K) SLOTS L) NETWORK INTERFACE M) AUDIO N) OS	NO NO 4 USB, VGA 2 PCIe, 1 PCI On board NIC Integrated Audio Windows 7 Professional, 64 Bit	
28	DELLOP_02	<b>INW:63849(DATA PATTERNS)</b> A) MAKE AND MODEL B) PROCESSOR B1)CHIPSET C) MEMORY D) HARD DISK E) KEYBOARD F) MOUSE G) MONITOR H)DVD R/W I) GRAPHICS J) PORTS K) SLOTS L) NETWORK INTERFACE M) AUDIO N) OS	<b>SHVA2015E035430101 Dated 09/08/2016</b> DELL OPTIPLEX Intel Core i7-6100,  4 GB NON ECC DDR3 1 TB USB USB Optical DELL NO NO 6 USB, VGA 2 PCIe, 1 PCI On board NIC Integrated Audio Windows 7 Professional, 64 Bit	1
29	DELLOPT7050	<b>INW:65154(INNOVATIVE)</b> A) MAKE AND MODEL B) PROCESSOR B1)CHIPSET C) MEMORY D) HARD DISK E) KEYBOARD F) MOUSE G) MONITOR H)DVD R/W I) GRAPHICS J) PORTS K) SLOTS L) NETWORK INTERFACE M) AUDIO N) OS	<b>SHSE2017E064540101 Dated 11/08/2017</b> DELL OPTIPLEX 7050 Intel NO 8 GB 1 TB USB USB Optical DELL 16*DVD+/-RW Drive NO 10 USB ports 3 PCIE Slots,1 PCI Slot On board NIC Integrated Audio Windows 10 Professional, 64 Bit	1
29A	DELLOPT7050	<b>INW:69667(IS INTEGATORS)</b> A) MAKE AND MODEL B) PROCESSOR B1)CHIPSET C) MEMORY D) HARD DISK E) KEYBOARD F) MOUSE G) MONITOR H)DVD R/W I) GRAPHICS J) PORTS K) SLOTS L) NETWORK INTERFACE M) AUDIO N) OS	<b>SHVA2017E074140201 Dated 08/08/2018</b> DELL OPTIPLEX 7050 Intel NO 8 GB 1 TB USB USB Optical DELL 16*DVD+/-RW Drive NO 10 USB ports 3 PCIE Slots,1 PCI Slot On board NIC Integrated Audio Windows 10 Professional, 64 Bit	2
30	HP_ALLINONE	<b>INW:68646(E&amp;M)</b> A) MAKE AND MODEL B) PROCESSOR	<b>SHVA2016E044260101 Dated 11/05/2017</b> HP All in one PC Intel	1

		<p>B1)CHIPSET</p> <p>C) MEMORY</p> <p>D) HARD DISK</p> <p>E) KEYBOARD</p> <p>F) MOUSE</p> <p>G) MONITOR</p> <p>H)DVD R/W</p> <p>I) GRAPHICS</p> <p>J) PORTS</p> <p>K) SLOTS</p> <p>L) NETWORK INTERFACE</p> <p>M) AUDIO</p> <p>N) OS</p>	<p>1 TB SATA</p> <p>Wire less</p> <p>Wire less</p> <p>21" LED Backlit display Full HD Touch screen with HD Camera</p> <p>DVD R/W</p> <p>2 GB Graphics</p> <p>USB 3.0- 2 Nos ,USB 2.2 - 5 NOS , HDMI out-1</p> <p>4:1 MSR , GHS</p> <p>10/100/1000MBPS with RJ45</p> <p>Integrated Audio and Sound card/Audio line out</p> <p>Windows 8.1</p>	
31	HPZ230	<p><b>INW:55450(ROHDE)</b></p> <p>A) MAKE AND MODEL</p> <p>B) PROCESSOR</p> <p>B1)CHIPSET</p> <p>C) MEMORY</p> <p>D) HARD DISK</p> <p>E) KEYBOARD</p> <p>F) MOUSE</p> <p>G) MONITOR</p> <p>H)DVD R/W</p> <p>I) GRAPHICS</p> <p>J) PORTS</p> <p>K) SLOTS</p> <p>L) NETWORK INTERFACE</p> <p>M) AUDIO</p> <p>N) OS</p>	<p><b>SHRO20140014840101 Dated 01/01/2015</b></p> <p>HP Z230 TOWER WORKSTATION</p> <p>Intel</p> <p>1 TB</p> <p>USB</p> <p>USB Optical</p> <p>HP 23.5" LED Backlight WITH DP Cables</p> <p>YES</p> <p>On board NIC</p> <p>4 USB ports , VGA AND HDMI</p> <p>3 PCIE Slots,1 PCI Slot</p> <p>10/100/1000MBPS with RJ45</p> <p>YES</p> <p>Windows 7 Professional, 64 Bit</p>	1
32	HP260	<p><b>INW:61133(INNOVATIVE)</b></p> <p>A) MAKE AND MODEL</p> <p>B) PROCESSOR</p> <p>B1)CHIPSET</p> <p>C) MEMORY</p> <p>D) HARD DISK</p> <p>E) KEYBOARD</p> <p>F) MOUSE</p> <p>G) MONITOR</p> <p>H)DVD R/W</p> <p>I) GRAPHICS</p> <p>J) PORTS</p> <p>K) SLOTS</p> <p>L) NETWORK INTERFACE</p> <p>M) AUDIO</p> <p>N) OS</p>	<p><b>SHSE2015E035160101 Dated 19/08/2016</b></p> <p>HP260-P021IN</p> <p>Intel</p> <p>1 TB</p> <p>USB</p> <p>USB Optical</p> <p>HP</p> <p>YES</p> <p>On board NIC</p> <p>4 USB ports , VGA AND HDMI</p> <p>3 PCIE Slots,1 PCI Slot</p> <p>10/100/1000MBPS with RJ45</p> <p>NO</p> <p>Windows 7 Professional, 64 Bit</p>	1
			<b>TOTAL</b>	<b>1975</b>

**ANNEXURE-D**  
**PRINTERS CONFIGURATION (2021-2022)**

Ref. table	Item details	PO and Configuration details	Qty
<b>1</b>	<b><i>PO</i></b>	<b>SHRO20090013580101 DATED:18-11-2009</b> <b>SHRO20100010410101 DATED:21-12-2010</b>	<b>57</b>
	<i>A) TYPE</i>	PRINTER	
	<i>B) MAKE MODEL</i>	HP LASERJET P2055D	
	<i>C) SUBTYPE</i>	LASERJET	
	<i>D) SIZE</i>	A4	
	<i>E) DUPLEX FACILITY</i>	YES	
	<i>F) INTERFACE PORTS</i>	Micro USB	
	<i>G) NETWORK INTERFACE</i>	NO	
	<i>H) PRINT CONSUMABLES</i>	TONERS	
	<i>I) OS COMPATIBILITY</i>	WINDOWS 7/8/8.1/10	
<b>2</b>	<b><i>PO</i></b>	<b>SHRO20090007470101 DATED:10-09-2009</b> <b>SHRO20090007470101 DATED:21-12-2010</b> <b>SHRO2013E008440101 DATED:16-12-2013</b> <b>SHRO2013E010490103 DATED:18-06-2014</b> <b>SHRO2014E012020101 DATED:04-08-2014</b> <b>SHRO2014E020610102 DATED:18-08-2015</b>	<b>42</b>
	<i>A) TYPE</i>	PRINTER	
	<i>B) MAKE MODEL</i>	HP LASERJET P3015DN	
	<i>C) SUBTYPE</i>	LASERJET	
	<i>D) SIZE</i>	A4	
	<i>E) DUPLEX FACILITY</i>	YES	
	<i>F) INTERFACE PORTS</i>	Micro USB	
	<i>G) NETWORK INTERFACE</i>	YES	
	<i>H) PRINT CONSUMABLES</i>	TONERS	
	<i>I) OS COMPATIBILITY</i>	WINDOWS 7/8/8.1/10	
<b>3</b>	<b><i>PO</i></b>	<b>SHRO20100010410101 DATED:21-12-2010</b> <b>SHRO2012E003440202 DATED:27-06-2013</b> <b>SHRO2013E010490102 DATED:18-06-2014</b>	<b>15</b>
	<i>A) TYPE</i>	SCANNER	
	<i>B) MAKE MODEL</i>	HP SCANJET G4050	
	<i>C) SUBTYPE</i>	SCANJET	
	<i>D) SIZE</i>	A4	
	<i>E) DUPLEX FACILITY</i>	NO	
	<i>F) INTERFACE PORTS</i>	Micro USB	
	<i>G) NETWORK INTERFACE</i>	NO	
	<i>H) OS COMPATIBILITY</i>	WINDOWS 7/8/8.1/10	



<b>4</b>	<b>PO</b>	<b>SHRO20110000780102 DATED:22-06-2011</b> <b>SHRO2014E012830102 DATED:12-11-2014</b> PRINTER,SCANNER,XEROX ALL IN ONE HP LASERJET MFD M1536DNF LASERJET A4 YES Micro USB YES TONERS WINDOWS 7/8/8.1/10	<b>2</b>
	A) TYPE B) MAKE MODEL C) SUBTYPE D) SIZE E) DUPLEX FACILITY F) INTERFACE PORTS G) NETWORK INTERFACE H) PRINT CONSUMABLES I) OS COMPATIBILITY		
<b>5</b>	<b>PO</b>	<b>SHRO20110032680101 DATED:26-04-2012</b> PRINTER HP COL LASETRJET 1525N LASERJET A4 NO Micro USB YES TONERS WINDOWS 7/8/8.1/10	<b>6</b>
	A) TYPE B) MAKE MODEL C) SUBTYPE D) SIZE E) DUPLEX FACILITY F) INTERFACE PORTS G) NETWORK INTERFACE H) PRINT CONSUMABLES I) OS COMPATIBILITY		
<b>6</b>	<b>PO</b>	<b>SHRO2012E003440202 DATED:27-06-2013</b> <b>SHRO2013E008440101 DATED:16-12-2013</b> <b>SHRO2013E010490103 DATED:15-07-2014</b> PRINTER HP OFFICE JET 7110 OFFICEJET A4/A3 NO Micro USB YES CARTRIDGE WITH HEAD ASSEMBLY BUILT IN WINDOWS 7/8/8.1/10	<b>62</b>
	A) TYPE B) MAKE MODEL C) SUBTYPE D) SIZE E) DUPLEX FACILITY F) INTERFACE PORTS G) NETWORK INTERFACE H) PRINT CONSUMABLES I) OS COMPATIBILITY		
<b>7</b>	<b>PO</b>	<b>SHRO2012E003440202 DATED:27-06-2013</b> <b>SHRO2014E020610102 Dated:18-08-2015</b> PRINTER HP COL LASETRJET CLJ M251N LASERJET A4 NO Micro USB YES TONERS WINDOWS 7/8/8.1/10	<b>10</b>
	A) TYPE B) MAKE MODEL C) SUBTYPE D) SIZE E) DUPLEX FACILITY F) INTERFACE PORTS G) NETWORK INTERFACE H) PRINT CONSUMABLES I) OS COMPATIBILITY		

<b>8</b>	<b><i>PO</i></b>	<b>SHRO2013E007320102 DATED:14-11-2013</b> <b>SHRO2013E008290101 DATED:06-12-2013</b> <b>SHRO2013E010490103 DATED:18-06-2014</b> <b>SHRO2014E012020101 DATED:04-08-2014</b> <b>SHRO2014E020610101, DATED: 18-08-2015</b>	<b>23</b>
	A) <i>TYPE</i>	PRINTER	
	B) <i>MAKE MODEL</i>	HP COL LASETRJET CLJ 551DN	
	C) <i>SUBTYPE</i>	LASERJET	
	D) <i>SIZE</i>	A4	
	E) <i>DUPLEX FACILITY</i>	YES	
	F) <i>INTERFACE PORTS</i>	Micro USB	
	G) <i>NETWORK INTERFACE</i>	YES	
	H) <i>PRINT CONSUMABLES</i>	TONERS	
	I) <i>OS COMPATIBILITY</i>	WINDOWS 7/8/8.1/10	
<b>9</b>	<b><i>PO</i></b>	<b>SHRO2013E007320102 DATED:14-11-2013</b>	<b>2</b>
	A) <i>TYPE</i>	PRINTER	
	B) <i>MAKE MODEL</i>	HP COL LASETRJET CLJ 5525DN	
	C) <i>SUBTYPE</i>	LASERJET	
	D) <i>SIZE</i>	A4	
	E) <i>DUPLEX FACILITY</i>	YES	
	F) <i>INTERFACE PORTS</i>	Micro USB	
	G) <i>NETWORK INTERFACE</i>	YES	
	H) <i>PRINT CONSUMABLES</i>	TONERS	
	I) <i>OS COMPATIBILITY</i>	WINDOWS 7/8/8.1/10	
<b>10</b>	<b><i>PO</i></b>	<b>SHRO2013E007320102 DATED:14-11-2013</b> <b>SHRO2013E010490103 DATED :18-06-2014</b> <b>SHRO2014E020610102 DATED:18-08-2015</b>	<b>36</b>
	A) <i>TYPE</i>	PRINTER	
	B) <i>MAKE MODEL</i>	HP OFFICE JET 8100	
	C) <i>SUBTYPE</i>	OFFICEJET	
	D) <i>SIZE</i>	A4	
	E) <i>DUPLEX FACILITY</i>	YES	
	F) <i>INTERFACE PORTS</i>	Micro USB	
	G) <i>NETWORK INTERFACE</i>	YES	
	H) <i>PRINT CONSUMABLES</i>	CARTRIDGES WITH HEADS	
	I) <i>OS COMPATIBILITY</i>	WINDOWS 7/8/8.1/10	
<b>11</b>	<b><i>PO</i></b>	<b>SHRO2013E008290101 DATED:06-12-2013</b> <b>SHRO2013E008440101 DATED:06-12-2013</b> <b>SHRO2014E020610102 DATED:18-08-2015</b>	<b>83</b>
	A) <i>TYPE</i>	PRINTER	
	B) <i>MAKE MODEL</i>	HP LASERJET M401DN	
	C) <i>SUBTYPE</i>	LASERJET	

D) *SIZE* A4  
 E) *DUPLEX FACILITY* YES  
 F) *INTERFACE PORTS* Micro USB  
 G) *NETWORK INTERFACE* YES  
 H) *PRINT CONSUMABLES* TONERS  
 I) *OS COMPATIBILITY* WINDOWS 7/8/8.1/10

**12** **PO** **SHRO2014E012020101 DATED:04-08-2014** **2**  
 A) *TYPE* SCANNER  
 B) *MAKE MODEL* HP SCANJET N9120  
 C) *SUBTYPE* SCANJET  
 D) *SIZE* A4  
 E) *DUPLEX FACILITY* ADF  
 F) *INTERFACE PORTS* Micro USB  
 G) *NETWORK INTERFACE* NO  
 H) *OS COMPATIBILITY* WINDOWS 7/8/8.1/10

**13** **PO** **SHRO2014E012020101 DATED:04-08-2014** **2**  
**SHRO2014E012020101 DATED:04-08-2014**  
 A) *TYPE* PLOTTER  
 B) *MAKE MODEL* HP DESIGNJET PLOTTER T1500 &T1200  
 C) *SUBTYPE* PLOTTER  
 D) *SIZE* A0  
 E) *DUPLEX FACILITY* NO  
 F) *INTERFACE PORTS* Micro USB/USB  
 G) *NETWORK INTERFACE* YES  
 H) *PRINT CONSUMABLES* CARTRIDGES WITH HEADS  
 I) *OS COMPATIBILITY* WINDOWS 7/8/8.1/10

**14** **PO** **SHRO2015E021420101 DATED:26-03-2015** **2**  
**SHRO2014E012830102 DATED:12-11-2014**  
 A) *TYPE* PLOTTER  
 B) *MAKE MODEL* HP DESIGNJET PLOTTER T2500  
 C) *SUBTYPE* PLOTTER  
 D) *SIZE* A0  
 E) *DUPLEX FACILITY* NO  
 F) *INTERFACE PORTS* Micro USB/USB  
 G) *NETWORK INTERFACE* YES  
 H) *PRINT CONSUMABLES* CARTRIDGES WITH HEADS  
 I) *OS COMPATIBILITY* WINDOWS 7/8/8.1/10

**15** **PO** **SHRO2014E012830102 DATED:12-11-2014** **3**  
**SHRO2014E015860101 DATED:09-01-2015**  
**SHRO20180009300101 DATED:30-10-2018 (10 Month)**  
 A) *TYPE* PRINTER

B) MAKE MODEL HP COL LASETRJET M-750DN  
 C) SUBTYPE LASERJET  
 D) SIZE A3  
 E) DUPLEX FACILITY YES  
 F) INTERFACE PORTS Micro USB  
 G) NETWORK INTERFACE YES  
 H) PRINT CONSUMABLES TONERS  
 I) OS COMPATIBILITY WINDOWS 7/8/8.1/10

**16 PO SHRO2014E015860101 DATED:09-01-2015 1**  
 A) TYPE PLOTTER  
 B) MAKE MODEL HP DESIGNJET PLOTTER T520  
 C) SUBTYPE PLOTTER  
 D) SIZE A1  
 E) DUPLEX FACILITY NO  
 F) INTERFACE PORTS Micro USB/USB  
 G) NETWORK INTERFACE YES  
 H) PRINT CONSUMABLES CARTRIDGES WITH HEADS  
 I) OS COMPATIBILITY WINDOWS 7/8/8.1/10

**17 PO SHRO2014E020610102 DATED:18-08-2015 42**  
**SHRO2016E038380101 DATED:20-10-2016**  
 A) TYPE SCANNER  
 B) MAKE MODEL HP FILM SCANJET 5590  
 C) SUBTYPE SCANJET  
 D) SIZE A4  
 E) DUPLEX FACILITY NO  
 F) INTERFACE PORTS Micro USB  
 G) NETWORK INTERFACE YES  
 H) OS COMPATIBILITY WINDOWS 7/8/8.1/10

**18 PO SHRO2014E020610102 DATED:18-08-2015 114**  
**SHRO2016E038380101 DATED:20-10-2016**  
**SHRO20180004790101 DATED:24-09-2018 (12 Month)**  
**SHRO20190001620101 DATED:12-09-2019 (02 Month)**  
 A) TYPE PRINTER  
 B) MAKE MODEL HP OFFICE JET 7110  
 C) SUBTYPE OFFICEJET  
 D) SIZE A4/A3  
 E) DUPLEX FACILITY YES  
 F) INTERFACE PORTS Micro USB  
 G) NETWORK INTERFACE YES  
 H) PRINT CONSUMABLES CARTRIDGES WITH HEAD ASSEMBLY BUILT IN  
 I) OS COMPATIBILITY WINDOWS 7/8/8.1/10

<b>19</b>	<b>PO</b>	<p>A) TYPE B) MAKE MODEL C) SUBTYPE D) SIZE E) DUPLEX FACILITY F) INTERFACE PORTS G) NETWORK INTERFACE H) PRINT CONSUMABLES I) OS COMPATIBILITY</p>	<p>PRINTER HP COL LASER JET CP1025 COL LASER JET A4/A3 NA Micro USB YES TONERS WINDOWS XP/VISTA/W7</p>	<b>2</b>
<b>20</b>	<b>PO</b>	<p>A) TYPE B) MAKE MODEL C) SUBTYPE D) SIZE E) DUPLEX FACILITY F) INTERFACE PORTS G) NETWORK INTERFACE H) PRINT CONSUMABLES I) OS COMPATIBILITY</p>	<p><b>SHRO2016E051040101 Dated:08-02-2017</b> PRINTER HP OFFICE JET 200 MOBILE OFFICEJET A4 YES Micro USB YES CARTRIDGES WITH HEADS WINDOWS XP/VISTA/W7</p>	<b>1</b>
<b>21</b>	<b>PO</b>	<p>A) TYPE B) MAKE MODEL C) SUBTYPE D) SIZE E) DUPLEX FACILITY F) INTERFACE PORTS G) NETWORK INTERFACE H) PRINT CONSUMABLES I) OS COMPATIBILITY J) OTHER FEATURES</p>	<p><b>SHVA20110015610101 Dated:20-01-2012</b> <b>SHVA2014E017330101 Dated:13-04-2015</b> PRINTERS (LASERJET&amp;MFP) HP LASERJET M1005 MFP &amp; M1136 MFP LASERJET A4 YES Micro USB YES TONERS WINDOWS 7 SCANNER, PRINTER, FAX</p>	<b>3</b>
<b>22</b>	<b>PO</b>	<p>A) TYPE B) MAKE MODEL C) SUBTYPE D) SIZE E) DUPLEX FACILITY F) INTERFACE PORTS G) NETWORK INTERFACE H) PRINT CONSUMABLES I) OS COMPATIBILITY</p>	<p><b>SHVA2014E011680201 Dated:23-07-2014</b> <b>SHVA2015E035430101 Dated:09-08-2016</b> PRINTERS HP LASERJET 1108 &amp;1505 LASERJET A4 YES Micro USB YES TONERS WINDOWS 7</p>	<b>2</b>

<b>23</b>	<b>PO</b> A) TYPE B) MAKE MODEL C) SUBTYPE D) SIZE E) DUPLEX FACILITY F) INTERFACE PORTS G) NETWORK INTERFACE H) PRINT CONSUMABLES I) OS COMPATIBILITY	<b>SHRO2016E038380102 DATED:20-10-2016</b> PRINTER HP OFFICE JET PRO 251dw OFFICEJET A4 YES Micro USB YES CARTRIDGES WITH HEADS WINDOWS 7/8/8.1/10	<b>34</b>
<b>24</b>	<b>PO</b>  A) TYPE B) MAKE MODEL C) SUBTYPE D) SIZE E) DUPLEX FACILITY F) INTERFACE PORTS G) NETWORK INTERFACE H) PRINT CONSUMABLES I) OS COMPATIBILITY	<b>SHRO2016E038380101 DATED:20-10-2016</b> <b>SHRO20180000530101 DATED:27-04-2018 (19 Month)</b> <b>SHRO20180004340101 DATED:24-10-2018(13 Month)</b> <b>SHRO20190001720101 DATED:30-08-2019(02 Month)</b> PRINTER HP LASER JET 403dn LASER JET A4 YES Micro USB YES CARTRIDGES WITH HEADS WINDOWS 7/8/8.1/10	<b>290</b>
<b>25</b>	<b>PO</b> A) TYPE B) MAKE MODEL C) SUBTYPE D) SIZE E) DUPLEX FACILITY F) INTERFACE PORTS G) NETWORK INTERFACE H) PRINT CONSUMABLES I) OS COMPATIBILITY	<b>SHRO2016E038380101 DATED:20-10-2016</b> PRINTER HP COL LASERJET M553dn LASERJET A4 YES Micro USB YES TONERS WINDOWS 7/8/8.1/10	<b>19</b>
<b>26</b>	<b>PO</b> A) TYPE B) MAKE MODEL C) SUBTYPE D) SIZE E) DUPLEX FACILITY F) INTERFACE PORTS G) NETWORK INTERFACE H) PRINT CONSUMABLES	<b>SHRO2016E038380101 DATED:20-10-2016</b> PRINTER HP CLJ M252dw COL LASERJET A4 YES Micro USB YES TONERS	<b>27</b>

I) OS COMPATIBILITY WINDOWS 7/8/8.1/10

**27 PO SHRO2016E038380101 DATED:20-10-2016 7**  
A) TYPE PRINTER  
B) MAKE MODEL HP LASERJET M501DN  
C) SUBTYPE LASERJET  
D) SIZE A4  
E) DUPLEX FACILITY YES  
F) INTERFACE PORTS Micro USB  
G) NETWORK INTERFACE YES  
H) PRINT CONSUMABLES TONERS  
I) OS COMPATIBILITY WINDOWS 7/8/8.1/10

**28 PO SHRO2017E064280101 DATED:27-11-2017 (23 Month) 131**  
**SHRO20180009260101 DATED:05-12-2018 (11 Month)**  
A) TYPE PRINTER  
B) MAKE MODEL HP OFFICE JET 8210  
C) SUBTYPE OFFICEJET  
D) SIZE A4  
E) DUPLEX FACILITY YES  
F) INTERFACE PORTS Micro USB  
G) NETWORK INTERFACE YES  
H) PRINT CONSUMABLES CARTRIDGES WITH HEADS  
I) OS COMPATIBILITY WINDOWS 7/8/8.1/10

**29 PO SHVA2017E074140201 DATED:08-08-2018 1**  
A) TYPE PRINTER  
B) MAKE MODEL HP LASER JET  
C) SUBTYPE LASER JET  
D) SIZE A4  
E) DUPLEX FACILITY YES  
F) INTERFACE PORTS Micro USB  
G) NETWORK INTERFACE YES  
H) PRINT CONSUMABLES CARTRIDGES WITH HEADS  
I) OS COMPATIBILITY WINDOWS 7/8/8.1/10

**30 PO SHRO20180018900101, DATED: 18-04-2019 21**  
A) TYPE PRINTER  
B) MAKE MODEL HP CLJ M452dn  
C) SUBTYPE COL LASERJET  
D) SIZE A4  
E) DUPLEX FACILITY YES  
F) INTERFACE PORTS Micro USB  
G) NETWORK INTERFACE YES  
H) PRINT CONSUMABLES TONERS

	<i>I) OS COMPATIBILITY</i>	WINDOWS 7/8/8.1/10	
<b>31</b>	<b><i>PO</i></b> A) <i>TYPE</i> B) <i>MAKE MODEL</i> C) <i>SUBTYPE</i> D) <i>SIZE</i> E) <i>DUPLEX FACILITY</i> F) <i>INTERFACE PORTS</i> G) <i>NETWORK INTERFACE</i> H) <i>OS COMPATIBILITY</i>	<b>SHRO20180001050101 DATED:20-06-2018</b> SCANNER SCANJET 2500F1 FILM SCANNER A4 ADF Micro USB YES WINDOWS 7/8/8.1/10	<b>14</b>
<b>32</b>	<b><i>PO</i></b> A) <i>TYPE</i> B) <i>MAKE MODEL</i> C) <i>SUBTYPE</i> D) <i>SIZE</i> E) <i>DUPLEX FACILITY</i> F) <i>INTERFACE PORTS</i> G) <i>NETWORK INTERFACE</i> H) <i>PRINT CONSUMABLES</i> I) <i>OS COMPATIBILITY</i>	<b>SHRO20180000940101, DATED: 08-05-2018</b> <b>SHRO20180009320101, DATED: 17-12-2018</b> PLOTTER HP DESIGNJET PLOTTER T3500 PLOTTER A0 NO Micro USB/USB YES CATRIDGE WITH HEADS WINDOWS 7/8/8.1/10	<b>2</b>
<b>33</b>	<b><i>PO</i></b> A) <i>TYPE</i> B) <i>MAKE MODEL</i> C) <i>SUBTYPE</i> D) <i>SIZE</i> E) <i>DUPLEX FACILITY</i> F) <i>INTERFACE PORTS</i> G) <i>NETWORK INTERFACE</i> H) <i>PRINT CONSUMABLES</i> I) <i>OS COMPATIBILITY</i>	<b>SHRO20190002450101 DATED:12-07-2019</b> PLOTTER HP DESIGNJET PLOTTER T930 PS PLOTTER A0-A4 NO Micro USB/USB YES CATRIDGE WITH HEADS WINDOWS 7/8/8.1/10	<b>1</b>
<b>34</b>	<b><i>PO</i></b> A) <i>TYPE</i> B) <i>MAKE MODEL</i> C) <i>SUBTYPE</i> D) <i>SIZE</i> E) <i>DUPLEX FACILITY</i> F) <i>INTERFACE PORTS</i> G) <i>NETWORK INTERFACE</i> H) <i>PRINT CONSUMABLES</i> I) <i>OS COMPATIBILITY</i>	<b>SHVA2015E027690101 DATED: 24-03-2016</b> PRINTER HP OFFICE JET PRO8732M ALL IN ONE OFFICEJET (Print, Scan & FAX) A4 YES Micro USB/LPT YES CARTRIDGE WITH HEADS WINDOWS 7/8/8.1/10	<b>1</b>



35

*PO*

*A) TYPE*

*B) MAKE MODEL*

*C) SUBTYPE*

*D) SIZE*

*E) DUPLEX FACILITY*

*F) INTERFACE PORTS*

*G) NETWORK INTERFACE*

*H) PRINT CONSUMABLES*

*I) OS COMPATIBILITY*

**SHRO2014E020610101 DATED:18-08-2015**

**2**

PRINTER

HP COL LASERJET M552dn

LASERJET

A4

YES

Micro USB

YES

TONERS

WINDOWS 7/8/8.1/10

**TOTAL**

**1062**



## Satish Dhawan Space Center SHAR

Welcome, Materials Master (isro)

31 August 2017,  
17:16:08 IST

[MAIN VIEW](#)

[HELP](#)

### Preview For STANDARD TERMS AND CONDITIONS

**Page Destination:** Tender Header **Format Type :** Normal

. :

**GOVERNMENT OF INDIA**

**DEPARTMENT OF SPACE**

**SATISH DHAWAN SPACE CENTRE**

**PURCHASE DIVISION**

Tele No.08623-225023/225174/225127

Fax No.08623-225170/22-5028

e-Mail ID : hps@shar.gov.in, hasan@shar.gov.in, sselvan@shar.gov.in

#### STANDARD TERMS & CONDITIONS

1.OFFERS SHALL BE SENT ONLINE ONLY USING STANDARD DIGITAL SIGNATURE CERTIFICATE OF CLASS III WITH ENCRYPTION / DECRYPTION. THE TENDERS AUTHORISED ONLINE ON OR BEFORE THE OPEN AUTHORISATION DATE AND TIME ONLY WILL BE CONSIDERED AS VALID TENDERS EVEN THOUGH THE BIDS ARE SUBMITTED ONLINE.

2.THE TENDERER MUST AUTHORISE BID OPENING WITHIN THE TIME STIPULATED IN THE SCHEDULE BY SDSC SHAR. OTHERWISE THE ONLINE BID SUBMITTED WILL NOT BE CONSIDERED FOR EVALUATION. PHYSICAL COPY WILL NOT BE CONSIDERED EVEN THOUGH IT IS RECEIVED BEFORE THE BID SUBMISSION DATE.

In case of two-part tenders, parties shall submit their offers as follows:-

#### **1) Part-I – Techno-commercial Bid**

(No price details shall be mentioned in this bid and shall not upload the details of price along with the techno-commercial bid)

#### **2) Part-II – Price Bid**

In view of Two Part Tender, the Offers submitted contrary to above instructions will be summarily rejected.

3.In case, the tenderer is not interested to participate in the tender, the tenderer shall submit regret letter giving reasons, failing which future enquiries will not be sent.

4.**Offer Validity:** The validity of the offers / tenders should be 90 days (in case of single part tender) and 120 days (in case two part tender) from the date of opening of the tenders. Tenders with offer validity less than the period mentioned above, will not be considered for evaluation.

5.**GST** - GST and/or other duties/levies legally leviable and intended to be claimed should be distinctly shown separately in the tender. GST details are given below

GSTIN: 37AAAGS1366J1Z1

LEGAL NAME : SATISH DHAWAN SPACE CENTRE SHAR

VALIDITY FROM:29/08/2017

TYPE OF REGISTRATION:REGULAR

6.**Customs Duty** - SDSC-SHAR is eligible for 100% Customs Duty exemption as per Notification No. 050/2017 539 (b) Dt: 30.06.2017. This may be taken into account while quoting for import items, if any.

In case tenderers offering items considering customs duty exemption, they should also indicate the bill of materials and price, separately, with Customs Duty component and terms and conditions thereto.

8.**Advance Payment** - Wherever advance payment is requested, Bank Guarantee from any Nationalized Bank/Scheduled Bank should be furnished. In case of advance payments, if the party is not supplying the material within the delivery schedule, interest will be levied as per the Prime Lending Rate of RBI plus 2% penal interest.

Interest will be loaded for advance payments/stage payments as per the prime lending rate of RBI and will be added to the landed cost for comparison purpose. In case of different milestone payments submitted by the parties, a standard and transparent methodology like NPV will be adopted for evaluating the offers.

9.**Liquidated Damages** - In all cases, delivery schedule indicated in the Purchase Order/Contract is the essence of the contract and if the party fails to deliver the material within the delivery schedule, Liquidated Damages will be levied @ 0.5% per week or part thereof subject to a maximum of 10% of total order value.

10.**Performance Bank Guarantee** - Performance Bank Guarantee for 10% of the order value should be furnished in the form of Bank Guarantee from nationalized/scheduled bank or by Demand Draft valid till warranty period plus sixty days as claim period.

11. **Security Deposit** – Security Deposit for 10% of the order value is mandatory, if the ordered value is Rs.5.00 lakhs and above. Party shall furnish the Security Deposit in the form of Bank Guarantee from nationalized/scheduled bank or by Demand Draft valid till completion of the contract period plus sixty days towards claim period for faithful execution of the contract.

12. **BANK GUARANTEE FOR FIM:** Supplier has to submit Bank guarantee for equal value of Free Issue of Materials (FIM) issued by the Department from Nationalised / Scheduled Bank valid till receipt and acceptance of supply and satisfactory accounting of FIM plus sixty days as claim period.

13. The delivery period mentioned in the tender enquiry, IF ANY, is with the stipulation that no credit will be given for earlier deliveries and offers with delivery beyond the period will be treated as unresponsive.

14. The Department will have the option to consider more than one source of supply and final orders will be given accordingly.

15. The bidders should note that conditional discounts would not have edge in the evaluation process of tenders.

16. Non-acceptance of any conditions wherever called for related to Guarantee/ Warranty, Performance Bank Guarantee, Security Deposit, Liquidated damages are liable for disqualification.

17. Wherever installation/ commissioning involved, the guarantee/warranty period shall reckon only from the date of installation and commissioning.

18. Purchase/Price Preference will be extended to the MSMEs under the Public Procurement Policy for MSMEs formulated under the Micro, Small and Medium Enterprises Development Act, 2006 and instructions issued by Government of India from time to time. Vendors who would like to avail the benefit of MSME should clearly mention the same and submit all the documentary evidences to substantiate their claim along with tender itself.

19. The drawings, specifications, end use etc., given by the Centre/Unit along with the tender enquiry are confidential and shall not be disclosed to any third party.

## 20. **SPECIAL CONDITIONS FOR SUBMITTING QUOTATIONS IN FOREIGN CURRENCY BY THE INDIAN AGENTS**

The Tenderer should submit the following documents/information while quoting:-

a) Foreign Principal's proforma invoice/quote indicating the commission payable to the Indian Agent and nature of after sales service to be rendered by the Indian Agent.

b) Copy of Agency agreement with the Foreign Principal and the Indian Agent, precise relationship between them and their mutual interest in the business.

c) Registration and item empanelment of the Indian Agent.

d) Agency Commission will be paid only Indian Currency.

e) Compliance of the tax laws by the Indian Agent.

## 21. **High Sea Sales**- Against High Sea Sale transactions:

a. Offers shall be on all inclusive basis including delivery upto Sriharikota at the risk and cost of the supplier. Customs Clearance is the responsibility of the supplier and at his cost and risk.

b. 100% payment will be made within 30 days after receipt and acceptance of the items at our site.

c. GST as applicable

d. Customs Duty Exemption Certificate and other relevant documents required for Customs clearance will be provided.

e. High Sea Sales Agreement furnished by the supplier in accordance with the terms and conditions of our purchase order will be signed and issued by SDSC-SHAR.

22. The following information/ documents are to be submitted wherever applicable.

1. Product Literature

2. Core banking account number of SBI, RTGS Details

3. PAN No. in quotation and invoices

4. GST Registration details.

5. In case of MSME, registration details / documents from Competent Authority.

## 23. **EXCLUSION OF TENDERS**

The following tenders shall be summarily rejected from the procurement process

a. Tenders received from vendors who have not qualified in terms of their registration.

b. Tenders received against publishing of a limited tender in the CPP portal.

c. Tenders of vendors who have been removed from the vendor list or banned/debarred from having business dealings.

d. Unsolicited tenders from vendors.

e. The tenders which materially depart from the requirements specified in the tender document or which contain false information.

f. The tenders which are not accompanied by the prescribed Earnest Money Deposit.

g. The tenders of vendors who have not agreed to furnish Security Deposit, Performance Bank Guarantee and Liquidated Damages.

h. The validity of the tenders is shorter than the period specified in the tender enquiry.

i. The tenders received from vendors or their agents or anyone acting on their behalf, who have promised or given to any official of the Centre/Unit/Department, a gratification in any form, or anything of value, so as to unduly influence the procurement process.

j. The tenders received from vendors, who, in the opinion of the Centre/Unit, have a conflict of interest materially affecting fair competition.

k.The tenders received from Indian agents on behalf of their foreign Principals/OEMs (in cases where the Principals/OEMs also submit their tenders simultaneously for the same item/product in the same tender).

l.In case two or more tenders are received from an Indian agent on behalf of more than one foreign Principal/OEM, in the same tender for the same item/product.

m.If a firm quotes 'NIL' charges / consideration, the bid shall be treated as un-responsive and will not be considered.