

TENDER DOCUMENT FOR

Comprehensive Annual Maintenance Contract for IT Infrastructure at NCPOR (Tender No. NCPOR/ICTD/2021-22/T-001)

NATIONAL CENTRE FOR POLAR & OCEAN RESEARCH

(Ministry of Earth Sciences, Govt. Of India) Headland Sada, Vasco-da-Gama Goa -403 804, INDIA.

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Important Dates

Last date of tender submission	25 March 2021 at 15:00 Hrs
Date of Opening of bid	25 March 2021 at 16:00 Hrs
Optional Site visit dates	03 to 15 March 2021
Earnest Money Deposit (EMD)	Undertaking will be submitted. Refer Annexure - VII
Type of Tender	Single Bid System

Annexures Details

Annexure	Description
I	Compliance statement to be submitted by the Bidder
II	Questionnaire
III	Bank Guarantee Format
IV	Letter Comprising the Application for Pre- Qualification of Comprehensive AMC
V	List of Standby Materials
VI	Price Bid Format
VII	Undertaking Format for EMD

Comprehensive Annual Maintenance Contract (AMC) for IT infrastructure at NCPOR $\,$

SI.No	Tender No and Type	Description of the item	Qty
01	NCPOR/ ICTD/ 2021-22 / T-001 and Single Bid System	Comprehensive Annual Maintenance Contract (AMC) / Facilities Management Services (FMS) for IT infrastructure at NCPOR	Refer Annexure-VI for Price Bid Format

The Tender Document (single bid System) to be downloaded from http://www.ncpor.res.in/.

1. PREAMBLE

National Centre for Polar and Ocean Research (NCPOR) is India's premier R&D institution responsible for the Country's Research activities in the Polar and Southern Ocean realms. NCPOR, Goa has large size Local Area Network (LAN) with more than 500 working nodes providing all IT related services to its staff. NCPOR IT infrastructure consists of many servers connected to clients through fiber optic / UTP based local area network.

The Information Communication Technology Division (ICTD) of the Institute is responsible for providing updated information and technology related facilities to NCPOR staff. The operations cover network, computing, software and end-user support. The ICTD in-house and manages various critical servers and also provides security solutions. A campus LAN (Local Area Network) has been established at NCPOR providing seamless connectivity to over 500 computers in the Campus. The network utilizes a mixture of optical fibre, UTP cables, Wi-Fi and switches. Internet access is provided through the National Knowledge Network Internet connectivity at a speed of 1 Gbps. NCPOR's researcher and other staff use this IT services extensively for day to day activities such as accessing Internet, Intranet, e-mails, FTP, NPDC, eOffice, SAP and many other applications. Hence, the IT infrastructure facilities are an essential backbone of the Institute's activity. Offers are invited for comprehensive annual maintenance contract on turnkey basis.

2. Eligibility Criteria

S1.NO	Eligibility Criteria	Copy of documentary evidence of bidder should be enclosed in the tender document.
1	The bidder must be a legal entity registered with Government Agency in India	Copy of registration certificate
2	The bidder should have minimum two years' experience in maintaining following items in completed comprehensive AMC / FMS of Computer and IT peripherals contract. Each specified experience can be together or individual items in single or multiple AMC/FMS contracts. i. Minimum of 100 PCs, 25 Laptops, 50 Laser Jet Printers, LAN 200 nodes ii. Minimum 10 Servers iii. MS Exchange Server 2010 / 2013/ higher version iv. Working experience in System administration preferably CentOS / RedHat / Ubuntu Linux Operating System	Copy of PO/WO along with completion document which clearly indicates the items covered and duration of the project under the contract.

3	ii. To La	hree similar completed works costing of Rs. 12 akhs; OR wo similar completed works costing of Rs. 15 akhs; OR ne similar completed work costing of Rs. 24 akhs;	Copy of PO/WO along with completion document which clearly indicates the items covered and duration of the project under the contract
4	9001:20	der having quality management certificate ISO 08 in support of providing their qualitative to be submitted.	Copy of the valid certificate to be enclosed
5	turnover	der should have a minimum average annual of Rs 24 lakhs for the last three financial 2017-18, 2018-19 and 2019-20.	Copy of Audited Balance sheet or Profit & Loss account (certified by chartered accountant) should be enclosed.

3. Scope of Work

NCPOR wishes to avail the services of a professional bidder to undertake Comprehensive Annual Maintenance Contract / Facilities Management Services (AMC / FMS) for IT infrastructure at NCPOR as given at Annexure-VI (Price Bid Format).

Scope of the work includes:-

- i. To maintain the 99% uptime of the systems covered under AMC.
- ii. To repair / replace and make systems operational.
- iii. To maintain adequate spares to ensure 99% uptime of the systems.
- iv. The complaint reported system (downtime) should be repaired or replaced within 06hrs for normal system and 03 hours for critical servers, failing to repair / replace within the stipulated time, standby system has to be provided immediately.
- v. To perform health-checks of the available hardware, software and networking (Active, Passive components and structured cabling) infrastructure on a periodic basis and to submit the report.
- vi. To perform connectivity and standard checks pertaining to structured cabling at NCPOR on daily basis and to report to NCPOR on the points of concerns.
- vii. To install call logging software and to resolve the issues logged there-in.
- viii. Comprehensive Annual Maintenance Contract of computer systems includes overall system administration, operation (all kind updates or upgradation & etc.) and management of existing and future systems. It will cover the Windows, Mac, Linux, DNS, Web, NCPOR mailing system (Exchange 2013), NPDC, FTP, eOffice, VMWare environment and SAP Servers & its services and remote access service (wired and wireless), database storage, content filtering, antivirus, gateway- firewall, analog telephones, Tally and any other network troubleshooting service etc.
- ix. In addition to this, bidder is responsible for operating systems maintenance i.e. installation of OS, updating OS patches inclusive of all servers (at NCPOR) patches upgradation & rectifying any OS related problems etc. and also for extending support to users in installing any third party software/tools.
 - x. Software Subscription and Support for all the required hardware during the AMC

- is the responsibility of the bidder.
- xi. To log calls and to co-ordinate with OEM / Suppliers to get the systems repaired / replaced that are under Warranty.
- xii. Comprehensive support should include spare parts support at no extra charge. Replaced parts should be equivalent or higher.
- xiii. Preventive maintenance like dusting and health-checks should be carried out at least once in a quarter period. All preventive maintenance reports are to be submitted regularly and immediately after completion of the service.
- xiv. The standby material as per Annexure –V should be made available at NCPOR within 15 days of issue of work order by NCPOR
- xv. The bidder should keep in reserve the standby systems and spare parts (**As per Annexure-V**) at NCPOR for immediate replacement during repairs. If any of the listed items is used due to delay in repair, then replenish the spare stock within **two days** of its usage failing which penalty will be imposed as per penalty clauses.
- xvi. In case, if a hard-disk fails, the same should be replaced with a new one of similar Make, Model, Capacity, compatible with the system or any other compatible model and duly accepted by NCPOR. However, the old faulty hard-disk will not be returned to the bidder.

3.1. Minimum Manpower to be deployed at NCPOR Premises during the Contract period and their qualifications, terms & conditions

A minimum of five persons as specified below table should be deployed at all times to work at NCPOR, Goa during this entire contract period likely to commence from 1st May 2021 onwards. The bidder should asses themselves the additional staff required in any category and to be deployed at bidder own costs to execute the contract as per the scope of work and terms & condition. (Enclose detailed bio data of proposed personnel in the bid).

Ref No	Designation	# of Person	Qualification	Certifica tions	Exp. in Yrs.
1	System Administrator	1	B.E/B. Tech in CSE/IT/ECE Or MCA/ M.Sc.(CS/ Elex/ IT)	RHCSA/ RHCE	Atleast two years working experiences in Linux System Administration at reputed organization / Government / PSU Institutions.

2	Client Support Engineer	3	Three years Diploma in Electronics/ Computers/ Electronics & Communications	NIL	Atleast two years working experiences in Networking, Desktop Maintenance and Windows
			Communications		Operating System at reputed organization / Government / PSU Institutions
3	Help-Desk Coordinator	1	Any Graduate Degree	Should have good communication skills in English & Hindi	Atleast one year working experiences Help Desk / Call Coordinator in reputed organization / Government / PSU Institutions

- One client support engineers has to work from 08:30 to 19:00hrs on all working days (Monday to Friday) and rest of the deployed personnel have to work from 09:00 to 17:30 hrs on all working days (Monday to Friday)
- On Saturdays & holidays excluding Sundays one client support engineer has to work from 08:30 to 1730 hours and also for any emergency requirements at any time.

4. Contents of Bid

Bid should contain all the information as listed below:-.

- Documentary evidence for all the points listed under section 2 (as mentioned in Eligibility Criteria) including
- ii. Details of AMC / FMS projects (Hardware, Software and Networking) executed in the past, proof of work orders and client's testimonials.
- iii. List of on-going AMC / FMS projects with client side contact person details.
- iv. Qualification, experience, expertise details of resident engineers proposed to be deployed onsite **as per Section 3.1 during** the AMC contract period.
- v. Compliance to the "Terms and Conditions" as mentioned in Section 5 and "Commercial Terms and Conditions" as mentioned in Section 7.
- vi. Bidders are requested to quote in Price Bid Format given at Annexure-VI, without that the offer will not be considered for further evaluation. Part/ In-complete quotations will not be accepted.
- vii. Financial quote should consists of item wise price details for ALL the items given in Annexure-VI without that offer will not be considered.
- viii. Financial quote should not be altered/ modified.

5. General Instruction

5.1. Eligible Bidders are required to submit their bid in a sealed envelope. Superscripting "Comprehensive Annual Maintenance Contract (AMC) / Facilities

Management Services (FMS) for IT infrastructure at NCPOR" and to be dropped in the Tender Box or bid should be Addressed to following by superscripting on or before the due date & time

The Director,

National Centre for Polar and Ocean Research,

Headland Sada,

Vasco-Da-Gama, Goa – 403804

Kind Attn: SIC, ICTD

- **5.2.** The bid shall contain proof of meeting eligibility criteria, technical information of the tender, and all other supporting documents including Price Bid format duly filled. The information submitted must be definitive and specific. Vague terms, incomplete information, counter offers, and uncalled for correspondence shall not be entertained.
- **5.3.** Bidder is required to submit the complete bid along with Annexures and Brochures etc. The bid has to be signed in original by the authorized representative of the Bidder.
- **5.4.** The bid shall be exactly according to the presented formats given in the TENDER documents.
- **5.5.** All columns of the prescribed formats should be filled, and all questions in the tender document must be answered.
- **5.6.** Any additional information should be enclosed separately. Modification / rewording of formats shall not be acceptable.
- **5.7.** Each page of proposal documents is to be signed and stamped by the Bidder clearly indicating that all the terms and conditions mentioned herein are acceptable to the Bidder unconditionally.
- **5.8.** Bidder must submit all necessary technical brochures with the proposal. No column should be marked as "NIL" or Zero, "0" etc. Where no price is proposed to be charged for any item or its parts which is required to be supplied, it should be clearly mentioned in so many words.
- **5.9.** The Bidder is expected to read and examine carefully all instructions, forms, terms and specifications in the TENDER document. Failure to furnish all information required in the TENDER document or submission of a proposal not substantially responsive to the TENDER document in every respect will be at the Bidder risk and shall result in rejection of the proposal.
- **5.10.** The bidder should be complying with all the applicable labour laws and other relevant laws related to operations of the bidder.
- **5.11.** Bidders are requested to visit NCPOR for better understanding of existing IT

Infrastructure and to understand the scope of the work more clearly before they submit their offers.

- **5.12.** Late and incomplete tenders shall be summarily rejected.
- **5.13.** The tender bid should be valid for a minimum period of **120 days** from the date of opening the tender.
- **5.14.** In the event of the date specified for bid receipt and opening happens to be a holiday, the bids will be accepted and opened on the next working day at the same time. The bidder or any of his authorized representatives may remain present at the time of opening of bids if they wish so.
- **5.15.** The decision regarding acceptance or rejection of the full tender / quotation(s) will rest with the Director, NCPOR, Goa, who does not bind himself to accept the lowest quotation and reserve the right to reject or partly accept any or all the quotations received without assigning any reason.
- **5.16.** If a system or peripheral is not supported by OEM for the reason that the system or peripheral is End-of-Support, the same is to be intimated to NCPOR in writing.
- **5.17.** Any system or peripheral may be discontinued from Comprehensive AMC with one month prior notice.
- **5.18.** The work order issued to successful bidder shall include all the clauses of Tender.
- **5.19.** On expiry / termination of the contract, the contractor shall handover all the responsibilities with detailed documents and hardware mentioned under the contract over to NCPOR in good working condition, before the release of the last payment.
- **5.20.** The bidder should ensure and deliver the service in sincerity and by maintaining confidentiality. The bidder will ensure continuous service availability and will deploy backup personnel as and when required.

5.21. Duration

The FMS / Comprehensive AMC will be entered initially for the period of one year. Yearly extension may be considered based on the review of the performance by NCPOR for maximum two years with same rate, terms and conditions. During the extension of the contract period any increase or decrease in the scope of work pro-rata rate shall apply.

5.22. Termination

Based on the review reports, the service contract shall be terminated by NCPOR if the

terms and conditions of the contract are not fulfilled by giving two months' notice period. The party has the option to terminate the contract by giving two months advance notice to NCPOR, in such a case, the security deposit will be forfeited or performance Bank Guarantee will be invoked.

5.23. Intellectual property right

All rights on developed technologies or applications in use / unused will be the property of NCPOR, Goa. NCPOR only has the exclusive and transferable license to use, market, store, distribute, reproduce, display, adapt, communicate, perform, translate, transmit and promote the Customized Site, Customized Programming and the Licensed Content, information (or any portion thereof) to other MoES organizations as per NCPOR's interest.

5.24. Legal

In case of any dispute on any matter the same will be referred to Director, NCPOR and his decision will be final and binding on all the parties. During the currency of contract, if any legal disputes arise, will be subject of jurisdiction of State of Goa only.

5.25. Optional Site visit to NCPOR, Goa

NCPOR proposes optional site visit, which could provide clear understanding of the existing IT infrastructure and working environments. The participation of interested parties in this site visit is in their own interest and expenses.

6. Penalty Clauses

6.1. The following penalties will be imposed for each and every short coming during execution of work as below:-

Sl.No	Point	Penalty
1	Within 24 hours of downtime (1 day) as mentioned in scope of work.	In case a standby system, whose configuration is similar / higher and duly accepted by NCPOR, which is arranged and put in operations. Failing, which 2% of total monthly AMC charges will be imposed. If it is a server system then the penalty is 8% of total monthly AMC charges will be
		imposed.

2	Between 24 hours to 72 hours of downtime for the scope of work.	In case a standby system, whose configuration is similar / higher and duly accepted by NCPOR, which is arranged and put in operations. Failing, which 4% of total monthly AMC charges will be imposed. If it is a server system then the penalty is 15% of total monthly AMC charges will be imposed.
3	Between 72 hours to 7 Days of downtime for the scope of work	In case a standby system, whose configuration is similar / higher and duly accepted by NCPOR, which is arranged and put in operations. Failing, which 15% of total monthly AMC charges will be imposed. If it is a server system then the penalty is 30% of total monthly AMC charges will be imposed.
4	Beyond 7 days of downtime for the scope of wok	Failing to bring back the system including server system in operations, then NCPOR shall repair and make the system in operation including the replacement by procurement, etc. then entire cost incurred for the same will be deducted from total monthly AMC charges.
5	Absence of all deployed manpower as per scope	Absence of all deployed personnel for any day will lead to penalty charges 2% of total monthly AMC charges for per person per day basis will be imposed.
6	Non recouping Standby material as per Annexure – V as per scope	If any of the listed items at Annexure - V is not recouped within two days then penalty of 2% of total monthly AMC charges per default day basis will be imposed.
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6.2. The deployed staff should show their valid ID card and follow security and other guidelines of NCPOR in practice.

- **6.3.** In the event of Engineers (AMC/FMS) availing leaves during any working day (Monday to Friday), the same has to be reported to NCPOR in advance and a suitable standby engineer accepted by NCPOR has to be provided, failing which appropriate charges will be arrived from AMC/FMS charges and deducted.
- **6.4.** Unauthorized absence of Engineers will lead to penalty charges as mentioned above.
- **6.5.** In event of resignation / termination of services of Engineers, alternate arrangement should be carried out in advance and place a suitable engineers accepted by NCPOR so as not to interrupt the smooth flow of activities, failing which 10% of the monthly work order on manpower charges will be deducted.
- **6.6.** The bidder is responsible for credentials of all the onsite engineers and NCPOR do not undertake any responsibility with respect to their engineers.
- **6.7.** Consumables or any other items not covered under AMC / FMS, if any should be identified and intimated to NCPOR in advance for further necessary action.

7. Commercial Terms & Conditions

- i. The contractor shall comply with all the provisions as required under the appropriate acts of Government and also statutory requirements as applicable.
- ii. The quoted rate should be inclusive of all cost.
- iii. Price Bid Format (refer Annexure VI)

iv. Payment

Payment will be made on monthly basis within 30 days on submission of entire bill for the previous month within 10th of the succeeding month, failing to submission of bill(s) will lead to forfeiture of payment of that month. The statutory deductions & penalties, if any, will be applied before making the payment. The bill should be submitted as per price bid format.

v. **Security Deposit**

Successful Tenderer is to submit 10% of the Order value towards Security Deposit by means of Demand Draft drawn in favour of Director, NCPOR payable at Goa or Bank Guarantee from any Nationalized Bank valid for a period of 14 months.

Compliance Statement to be submitted by Bidder

Description Complied or Please specify the page no Sl.No Not Complied, for the provided please indicate documentary evidence 01 Bidder should submit the bid duly signed and stamped in all pages. Bidder should submit price bid as per 02 Annexure - VI (Price Bid format) 03 The bidder must be a legal entity registered with Government Agency in India. Enclose copy of certificate to that. 04 The bidder should have minimum two experience in maintaining following items in completed comprehensive AMC / FMS of Computer and IT peripherals contract. Each specified experience can be together or individual items in single or multiple AMC/FMS contracts. Minimum of 100 PCs, 25 Laptops, 50 Laser Jet Printers, LAN 200 nodes ii. Minimum 10 Servers MS Exchange Server 2010 / iii. 2013/ higher version Working experience in System administration preferably CentOS / RedHat / Ubuntu Linux Operating System Copy of PO/WO along with completion document which clearly indicates the items covered and duration of the project under the contract to be enclosed. Three similar completed works 05 i. costing of Rs. 12 Lakhs; Two similar completed works ii. costing of Rs. 15 Lakhs; OR iii. One similar completed work costing of Rs. 24 Lakhs;

	Copy of PO/WO along with completion document which clearly indicates the items covered and duration of the project under the contract to be enclosed.	
06	The bidder having quality managemer certificate ISO 9001:2008 in support of providing their qualitative services to be submitted. Copy of the valid certificate to be enclosed	
07	The bidder should have a minimum average annual turnover of Rs 24 lakh for the last three financial years i.e. 2017-18, 2018-19 and 2019-20. Copy of Audited Balance sheet or Profit & Loss account (certified by chartered accountant) should be enclosed.	

QUESTIONNAIRE to be filled by Bidder

- a) Name of the Bidder / Organization / Firm
- b) Full postal address with Telephone, Telefax, Email
- c) Please specify whether public Limited, Private Organization or Partnership Firm
- d) Nature of the Business
- e) Date of Establishment
- f) GST NO
- g) PAN No (copy of PAN of the bidder to be enclosed)
- h) Service Tax Registration No.
- i) Address & Telephone Nos. of your branch office in Goa (please specify whether Distributing / Servicing / Marketing the products
- j) Reference of reputed Customers
- k) Details of related work carried out

Name & Signature of the Bidder

BANK GUARANTEE FORMAT

To

NATIONAL CENTRE FOR POLAR & OCEAN RESEARCH

Headland Sada, Vasco-da-Gama, GOA 403 804, INDIA

Signature of the bank

Letter Comprising the Application for Pre-Qualification of Comprehensive AMC

To, The Director National Centre for Polar and Ocean Research Headland-Sada Vasco-Da-Gama GOA, India Sub: Application for Annual Maintenance Contract Dear Sir, With reference to your tender document date, I/We, having examined the		Dated:
National Centre for Polar and Ocean Research Headland-Sada Vasco-Da-Gama GOA, India Sub: Application for Annual Maintenance Contract Dear Sir,	То,	
Headland-Sada Vasco-Da-Gama GOA, India Sub: Application for Annual Maintenance Contract Dear Sir,	The Director	
Vasco-Da-Gama GOA, India Sub: Application for Annual Maintenance Contract Dear Sir,	National Centre for Polar and Ocean Rese	arch
GOA, India Sub: Application for Annual Maintenance Contract Dear Sir,	Headland-Sada	
Sub: Application for Annual Maintenance Contract Dear Sir,	Vasco-Da-Gama	
Dear Sir,	GOA, India	
	Sub: Application for Annual Maintenance Contract	
With reference to your tender document date, I/We, having examined the	Dear Sir,	
document and understood its contents, hereby submit my/our Application for		
Qualification for the aforesaid project. The Application is unconditional and unqualified.		• • • • • • • • • • • • • • • • • • • •

- 1. All information provided in the Application and in the Annexures of tender is true and correct and all documents accompanying the Application are true copies of their respective originals.
- 2. This statement is made for the express purpose of qualifying as a Bidder for providing the services for the aforesaid Project.
- 3. I/ We shall make available to the Authority any additional information it may find necessary or require to supplement or authenticate the Qualification statement.
- 4. I/ We acknowledge the right of the Authority to reject our Application without assigning any reason or otherwise and hereby waive our right to challenge the same on any account whatsoever.
- 5. I/We certify that in the last three years, I/we have neither failed to perform on any contract, as evidenced by imposition of a penalty or a judicial pronouncement or arbitration award, nor been expelled from any project or contract nor have had any contract terminated for breach on our part.
- 6. I/ We declare that:
 - (a) I/ We have examined and have no reservations to the tender document, including any Addendum issued by the Authority.
 - (b) I/ We do not have any conflict of interest in that affects the qualification process of the tender document; and
 - (c) I/We have not directly or indirectly or through an agent engaged

or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice, in respect of any tender or any agreement entered into with the Authority or any other public sector enterprise or any government, Central or State; and

- (d) I/ We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf has engaged or will engage in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice.
- 7. I/ We understand that you may cancel the Bidding Process at any time without assigning any reasons thereof.
- 8. I/ We certify that in regard to matters other than security and integrity of the country, we have not been convicted by a Court of Law or indicted or adverse orders passed by a regulatory authority which could cast a doubt on our ability to undertake the Project or which relates to a grave offence that outrages the moral sense of the community.
- 9. I/ We further certify that in regard to matters relating to security and integrity of the country, we have not been charge-sheeted by any agency of the Government or convicted by a Court of Law for any offence committed by us or by any of our Associates.
- 10. I/ We further certify that no investigation by a regulatory authority is pending either against us or against our Associates or against our CEO or any of our Directors/ Managers/ employees.
- 11. I/ We undertake that in case due to any change in facts or circumstances during the Bidding Process, we are attracted by the provisions of disqualification in terms of the guidelines referred to above, we shall intimate the Authority of the same immediately.
- 12. I/We, hereby irrevocably waive any right which we may have at any stage at law or howsoever otherwise arising to challenge or question any decision taken by the Authority in connection with the selection of Applicants, selection of the Bidder, or in connection with the selection/ Bidding Process itself, in respect of the above mentioned Project and the terms and implementation thereof.
- 13. I/we agree and undertake to abide by all the terms and conditions if any of the tender document.

In witness thereof, I/We submit this application under and in accordance with the terms of the tender document.

Date:	(Signature of the Authorized Signatory)		
Place:	(Name and designation of the Authorized Signatory)		

Yours faithfully,

List of Standby Materials

The below standby material should be made available at NCPOR within 15 days of issue of work order by NCPOR.

Sl.No	Item Description	Make	Configuration	Qty.
1	Desktop with Legal OS	HP/ DELL/Lenovo	Processor i5/i7, 500 GB HDD, 8GB RAM, DVD Writer with 19" TFT Monitor	1
2	Laptops with Legal OS	HP/ DELL/Lenovo	Processor i5/i7, 500 GB HDD, 8GB RAM, DVD Writer	1
3	LaserJet Printers with USB and LAN Support	HP Mono LaserJet	Duplex Print speed: 12 pages per minute for A4 and letter-size paper Print resolution: 600 x 600 dpi with HP Resolution.	1
		HP MFD Laser Printers	Duplex Printing and Networking	1
		HP Colour LaserJet	Duplex Printing and Networking	1
4	MOTHERBOARD	Intel® Q67 Express Chipset	i5/i7 Processor Support	3
		2GB DDR3		3
		1GB DDR3		3
6	Hard Disk	1 TB SATA		2
		500 GB SATA		4
		2 TB SATA		2
7	SMPS	Dell SMPS	Which support Dell OptiPlex 990 Desktop	2
		SMPS with SATA Power Supply	Which Support for Latest Desktops	6
8	Keyboard	USB Keyboard		4
9	Mouse	USB Optical		4
10	LAN Card	100/1000		2
11	CPU FAN	Latest Motherboards CPU fan		2

Annexure – VII: Undertaking Format for EMD

I/ we hereby understand and accept that if I/ we withdraw or modify my/ our bids during the period of validity, or if we are awarded the contract and on being called upon to submit the performance security/ Security Deposit, fail to submit the performance security/ Security Deposit before the deadline defined in the request for bid document Notice Inviting Tender, we shall be debarred from exemption of submitting Bid Security/ Earnest Money Deposit for a period of 6 (six) months, from the date we are declared disqualified from exemption from submission of EMD, for all tenders for procurement of goods issued by NCPOR published during this period.