Tender for

Supply, Installation, Commission of IT Hardware & peripherals for e-Registration Project of Revenue and Disaster Management Department Government of Odisha

Tender Ref. No.: OCAC-SEGP-INFRA-0001-2022-22022

Odisha **C**omputer **A**pplication **C**entre
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DISCLAIMER

The information contained in this Tender document or subsequently provided to Bidder(s), whether verbally or in documentary or any other form by Odisha Computer Application Centre (OCAC) or any of their employees is provided to Bidder(s) on the terms and conditions set out in this Tender Document and such other terms and conditions subject to which such information is provided.

This Tender is not an agreement and is neither an offer nor invitation by the OCAC to the Bidders or any other person. The purpose of this Tender is to provide interested parties with information that may be useful to them in making their technical and financial offers pursuant to this Tender (the "Bid"). This Tender includes statements, which reflect various assumptions and assessments arrived at by the OCAC in relation to the Project. Such assumptions, assessments and statements do not purport to contain all the information that each Bidder may require. This Tender may not be appropriate for all persons, and it is not possible for the OCAC, to consider the technical capabilities, investment objectives, financial situation and particular needs of each party who reads or uses this Tender. The assumptions, assessments, statements and information contained in this Tender, may not be complete, accurate, adequate or correct. Each Bidder should, therefore, conduct its own investigations, studies and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments, statements and information contained in this Tender and obtain independent advice from appropriate sources.

Information provided in this Tender to the Bidder(s) is on a wide range of matters, some of which depends upon interpretation of law. The information given is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. OCAC accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein.

OCAC, makes no representation or warranty and shall have no liability to any person, including any Bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this Tender or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the Tender and any assessment, assumption, statement or information contained therein or deemed to form part of this Tender or arising in any way in this Bid Stage. OCAC also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Bidder upon the statements contained in this Tender.

OCAC may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this Tender. The issue of this Tender does not imply that OCAC is bound to select a Bidder or to appoint the Preferred Bidder, as the case may be, for the Project and OCAC reserves the right to reject all or any of the Bidders or Bids without assigning any reason whatsoever.

OCAC reserves all the rights to cancel, terminate, change or modify this selection process and/or requirements of bidding stated in the Tender, at any time without assigning any reason or providing any notice and without accepting any liability for the same.

The Bidder shall bear all its costs associated with or relating to the preparation and submission of its Bid including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by OCAC or any other costs incurred in connection with or relating to its Bid. All such costs and expenses will remain with the Bidder and OCAC shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a Bidder in preparation or submission of the Bid, regardless of the conduct or outcome of the Bidding Process.

Definitions/Acronyms

Term	Definition
Agreement	Agreement to be signed between the successful bidder and OCAC, including all attachments, appendices, all documents incorporated by reference thereto together with any subsequent modifications, the tender, the bid offer, the acceptance and all related correspondences, clarifications, presentations.
Authorized Representative	Any person authorized by either of the parties
Bidder	Any firm offering the solution(s), service(s) and /or materials as required in the tender. The word Bidder when used in the pre-award period shall be synonymous with parties bidding for this tender, and when used after award of the contract shall mean the successful party with whom OCAC, signs the agreement for rendering of services for implementation of this project.
OEM	Original Equipment Manufacturer
Party	Means OCAC or Bidder, individually and "Parties" mean OCAC and Bidder, collectively
Proposal / Bid	The Pre-Qualification, Technical and Commercial proposals all together, i.e., complete proposal for the implementation of this project

CALENDAR OF EVENTS

Sl. No.	Items	Date & Time
1.	Availability of Bid Document in the website (www.ocac.in, www.odisha.gov.in, and www.enivida.odisha.gov.in))	16.04.2022
2.	Last date for receiving pre-bid queries through e-mail: gm_ocac@ocac.in with copy to bibhuti.ojha@ocac.in and Subrat.mohanty@ocac.in	25.04.2022 by 4 PM
3.	Pre-Bid Conference	26.04.2022 at 4 PM in VC Mode
4.	Last date and time for Submission of Bid	04.05.2022 by 12 Noon
5.	Opening of General/ Pre-Qualification and technical Bids	04.05.2022 by 12:30 PM
6.	Opening of Commercial Bids	To Be Intimated later

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1. **Fact Sheet**

Clause Reference	Description
< Section 4.3 >	**The method of selection:** Least Cost Based Selection (LCBS) method shall be used to select the Bidder to supply the IT Hardware and peripherals and to provide maintenance support. The bidder has to apply the bid in electronic mode in two part i.e General (Pre-qualification)-cum-Technical and Financial bid.. Financial bid of those bidders who qualify in pre-qualification-cum-Technical Bid shall be opened. The bidder with lowest- priced conforming (LPC) offer will be the most responsive bidder and will win the bid. **Consortium is not allowed for participation in the tender.**
< Section 3.4.2 >	Tender document can be downloaded from http://www.ocac.in, www.odisha.gov.in, and www.enivida.odisha.gov.in . The bidders are required to pay the tender document fee of **₹11,200/- (inclusive GST)** in the electronic mode in e-Nivida Portal. Bidder may also furnish the DD in favor of Odisha Computer Application Centre payable at Bhubaneswar
< Section 3.4.3 >	The Bidders are exempted from paying EMD. It is mandatory for all Bidders to fill up and submit the Bid Security Declaration Form (Clause 11.4 – Form 3).
< Section 9 >	This project is linked to deliverables relating to supply of IT Hardware and peripherals and provide maintenance support within stipulated time.
< Section 3.3 >	A pre-Bid meeting will be held on 26.04.2022 at 4 PM in VC Mode. All the queries must be received on or before 25.04.2022 by 4 PM, through e-mail only to gm_ocac@ocac.in with copy to bibhuti.ojha@ocac.in and Subrat.mohanty@ocac.in
< Section 3.4.13 >	Proposals must remain valid till **180 days** from the last date of submission of the bids.
< Section 3.4.4 >	Bidders must submit the bids online through e-Nivida portal.
< Section 3.4.9 >	Proposals must be submitted in e-Nivida Portal (www.enivida.odisha.gov.in) on or before **04/05/2022 by 12:00 Noon**

2. Background Information

2.1. Basic Information

i. Odisha Computer Application Centre (OCAC) invites responses from system integrators who meet the minimum eligibility criteria as specified in this bidding document for "**Procurement of IT Hardware & peripherals for e- Registration Project of Revenue and Disaster Management Department, Government of Odisha**" as described in **Section 10** of this Tender, "Scope of Work/ Terms of reference".

ii. Proposals must be received not later than time, date and venue mentioned in the Fact Sheet. Proposals that are received after the dateline WILL NOT be considered in this procurement process.

2.2. Project Background

The e-Registration Project is for providing Computerised Registration of Deeds in all the Registry Offices in the state of Odisha in PPP mode. It aims to continue and improve the current computerised services being offered at the 191 Registration Offices (future offices also included under the scope) in all the 30 districts of the state to provide citizens of Odisha with a faster, simpler and more cost-effective service.

The IT Hardware and peripherals will be procured in a transparent manner through a competitive bidding process following the procedures stipulated in the Odisha Government Procurement Policy and Rules thereon. Selected bidder(s) would be required to provide warranty Support and maintenance services to the supplied IT Hardware and peripherals through Service Support Centres /Resident Engineers in all the 30 Districts across Odisha. In this regard, Odisha Computer Application Centre (OCAC) would like to invite bids from qualified Bidders to supply **IT Hardware and peripherals** as per the "Delivery Schedule" in this bidding document and providing **5 Years** (3 years of Standard OEM Warranty & Support Services + 2 years of extended OEM warranty) from the date of acceptance of the delivery of the **IT Hardware and peripherals** by Odisha Computer Application Centre (OCAC).

2.3. Key Information

2.3.1. Project Overview

e-Registration has been designed specifically to address the requirements of the Board of Revenue (Registration Wing) of the State and all work processes related to Registration of different type of Deeds have been automated. e-Registration is a centralized integrated application and database, which has been implemented in the all the 185 Registry Offices in the state of Odisha. The centralized architecture maintains the scalability of the application all along and provides transparency, efficiency and uniformity to citizens for all types of service related to Registry Offices. A standards-based approach has been adopted for integration of other related services such as Online Service, e-Stamping, payment gateway of banks etc.

After implementation of e-Registration System the revenue of State from Registration has increased manifold. The selected bidder(s) shall be responsible for supply, quality inspection, delivery of the IT Hardware and peripherals and also provide warranty & support services as per the scope of work during the entire project / contract period of the Agreement. The Bidder shall also be responsible for loading and installing all the required software contents provided by them as per this tender as required.

2.3.2. Objective of the project

The key objectives of the Project are thus to:

a) Provide hassle free services to the citizens through the use of improved technology and infrastructure &

b) Provide better turnaround times in the receipt, process and provision of all services pertaining to registration

c) Establish a secure & error-free Registration of movable and immovable Properties

d) Simplification of the registration process with the help of automated procedures resulting delivery of original deeds in specified period

e) Transparency and accountability of registered deeds

f) Encumbrance Certificate in one visit or online mode

g) Providing the Certified copy of document in specified period

h) To provide speedy, reliable and one-stop disposal of deed registration

i) Online automated valuation of property based on Land Valuation Register System

j) Automated calculation of stamp duty, additional stamp duty (if any), registration fee and other subsidiary fees (if any)

k) Digital Photo and Biometric Fingerprints capture of parties (executants &Claimants) and identifier

l) Convenient payment (Stamp Duty, Registration Fee) system for citizen like, directly deposited in Treasury Banks/ cash payment/ electronic payment (No more need to purchase stamp from Treasury)

m) Provide integrated registration related services

n) Through a unified interface using web

o) With efficiency and easy accessibility

p) In a cost effective manner

q) Maintain all records in integrated digital form in a central repository

r) Implement systems & processes for maintenance & auto-updation of data

s) Establish a sustainable operating model

2.3.3. About the Department

Odisha Computer Application Centre, the Designated Technical Directorate of Electronics and Information Technology Department, Government of Odisha, has evolved through years as a center of excellence in IT solutions and e-Governance. It has contributed significantly to the steady growth of IT in the state. The IGR Office has requested Electronics and Information Technology Department of to procure IT Hardware & peripherals for e-Registration Project. These IT hardware & peripherals procured will be delivered at different Registration Offices across the state after centralized inspection.

3. Instructions to the Bidders

3.1. General

i. While every effort has been made to provide comprehensive and accurate background information and requirements and specifications, Bidders must form their own conclusions about the requirements. Bidders and recipients of this tender may wish to consult their own legal advisers in relation to this tender.

ii. All information to be supplied by Bidders will be treated as contractually binding on the Bidders, on successful award of the assignment by OCAC on the basis of this tender

iii. No commitment of any kind, contractual or otherwise shall exist unless and until a formal written contract has been executed by or on behalf of OCAC with the bidder. OCAC may cancel this public procurement at any time prior to a formal written contract being executed by or on behalf of OCAC.

iv. This tender supersedes and replaces any previous public documentation & communications in this regard and Bidders should place no reliance on such communications.

3.2. Compliant Tenders / Completeness of Response

i. Bidders are advised to study all instructions, forms, requirements, appendices and other information in the tender documents carefully. Submission of the bid / proposal shall be deemed to have been done after careful study and examination of the tender document with full understanding of its implications.

ii. Failure to comply with the requirements of this paragraph may render the Proposal non-compliant and the Proposal/bid will be rejected. Bidders must:

    a. Comply with all requirements as set out within this tender.

    b. Submit the forms as specified in this tender and respond to each element in the order as set out in this tender

    c. Include all supporting documentations specified in this tender

3.3. Pre-Bid Meeting & Clarifications

3.3.1. Bidders Queries

i. OCAC shall hold a pre-bid meeting with the prospective bidders as per the tentative calendar events through VC mode.

ii. The Bidders will have to ensure that their queries for Pre-Bid meeting or request for VC link to participate the pre-bid meeting should reach in e-mail id gm.ocac@ocac.in with a copy to bibhuti.ojha@ocac.in and Subrat.mohanty@ocac.in only on or before as per the tentative calendar events.

iii. The queries should necessarily be submitted in the following format:

Sl. No.	tender Document Reference(s) (Section & Page Number(s))	Content of tender requiring Clarification(s)	Points of Clarification
1.			
2.			

iv. OCAC shall not be responsible for ensuring that the bidders queries have been received by them. Any requests for clarifications after the indicated date and time shall not be entertained by OCAC.

3.3.2. Responses to Pre-Bid Queries and Issue of Corrigendum

i. OCAC will endeavour to provide timely response to all valid queries. However, OCAC makes no representation or warranty as to the completeness or accuracy of any response made in good faith, nor does OCAC undertake to answer all the queries that have been posed by the bidders.

ii. At any time prior to the last date for receipt of bids, OCAC may, for any reason, modify the tender Document by a corrigendum.

iii. The Corrigendum (if any) & clarifications to the queries from all bidders will be posted on the websites www.ocac.in, www.odisha.gov.in, www.enivida.odisha.gov.in as per the tentative calendar events

iv. Any such corrigendum shall be deemed to be incorporated into this tender.

v. In order to provide prospective Bidders reasonable time for taking the corrigendum into account, OCAC may, at its discretion, extend the last date for the receipt of Proposals.

3.4. Key Requirements of the Bid

3.4.1. Right to Terminate the Process

i. OCAC may terminate the tendering process at any time and without assigning any reason. OCAC makes no commitments, express or implied, that this process will result in a business transaction with anyone.

ii. This tender does not constitute an offer by OCAC. The bidder's participation in this process may result OCAC selecting the bidder to engage towards execution of the contract.

3.4.2. Tender Document Fees

Tender document can be downloaded from the website www.ocac.in, www.odisha.gov.in, and www.enivida.odisha.gov.in.The bidders are required to submit the tender document Fee of **₹11200/-** electronically through e-Nivida portal or by Demand Draft in favour of "Odisha Computer Application Centre "and payable at Bhubaneswar from any of the

Nationalized scheduled commercial bank along with the Proposal. Proposals received without or with inadequate tender Document fees shall be rejected.

3.4.3. Earnest Money Deposit (EMD)

i. The Bidders are exempted from paying EMD. It is mandatory for all Bidders to fill up and submit the Bid Security Declaration Form (Clause no. 11.4). The form shall be effective and in force until the bid validity period, or, until the selection of the Selected Bidder (whichever is earlier). In case a Selected Bidder is announced, the forms of all unsuccessful Bidders shall be deemed ineffective, while the form of the Selected Bidder shall continue to be effective until the Selected Bidder furnishes the performance Bank Guarantee (as per the provisions of the tender). The clauses of Bid Security Declaration Form shall be exercised on account of the following reasons:

- If a Bidder withdraws the Proposal or increases the quoted prices after opening of the Proposal and during the Bid validity period or its extended period, if any.

- In case of a successful Bidder, if the Bidder fails to sign the Agreement in accordance with Terms & Conditions (including timelines for execution of the Agreement) of this tender or fails to furnish Performance Bank Guarantee in accordance with the Terms & Conditions (including timelines for furnishing Performance Bank Guarantee)

- If a Bidder withdraws its bid during the period of bid validity.

- During the Bid process, if a Bidder indulges in any act that would jeopardize or unnecessarily delay the process of bid evaluation and finalization.

- If a Bidder has been found to have indulged in any suppression of facts, furnishing of fraudulent statement, misconduct, or other dishonest or other ethically improper activity, in relation to this tender

- If a Bidder's proposal contains deviations, conditional offers and partial offers.

3.4.4. Mode of Submission

The bidder has to submit the bid electronically in e-Nivida System at www.enivida.odisha.gov.in.

3.4.5. Instruction to Bidders for Online Bid Submission

e-Nivida is a complete process of e-Tendering, from publishing of tenders online, inviting online bids, evaluation and award of contract using the system. The instructions given below are meant to assist the bidders in registering on e-Nivida Portal and submitting their bid online on the portal. More information useful for submitting online bids on the e-Nivida Portal may be obtained at: https://enivida.odisha.gov.in

Guidelines for Registration

i. Bidders are required to enrol themselves on the eNivida Portal https://enivida.odisha.gov.in or click on the link "Bidder Enrolment" available on the home page by paying Registration Fees of Rs.2,500/- + Applicable GST.

ii. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.

iii.   Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication with the bidders.

iv.   Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Only Class III Certificates with signing + encryption key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify/ TCS / nCode/ eMudhra etc.), with their profile.

v.   Only valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.

vi.   Bidder then logs in to the site through the secured log-in by entering their user ID /password and the password of the DSC / e-Token.

vii.   The scanned copies of all original documents should be uploaded in pdf format on e-tender portal.

viii.   After completion of registration payment, bidders need to send their acknowledgement copy on our help desk mail id odishaenivida@gmail.com , for activation of the account.

3.4.7.   Searching for Tender Documents

1. There are various search options built in the e-tender Portal, to facilitate bidders to search active tenders by several parameters.

2. Once the bidders have selected the tenders they are interested in, then they can pay the Tender fee and processing fee (NOT REFUNDABLE) by net-banking / Debit / Credit card then you may download the required documents / tender schedules, Bid documents etc. Once you pay both fee tenders will be moved to the respective 'requested' Tab. This would enable the e- tender Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.

3.4.8.   Preparation of Bids

i.   Bidder should take into account any corrigendum published on the tender document before submitting their bids.

ii.   Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid.

iii.   Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF formats. Bid Original documents may be scanned with 100 dpi with Colour option which helps in reducing size of the scanned document.

iv.   To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, GST, Annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Documents" available to them to upload such documents.

v.   These documents may be directly submitted from the "My Documents" area while submitting a bid and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process. Already uploaded documents in this section will be displayed. Click "New" to upload new documents.

3.4.9. Submission of Bids

– Bidder should log into the website well in advance for the submission of the bid so that it gets uploaded well in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.

– The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document as a token of acceptance of the terms and conditions laid down by Department.

– Bidder has to select the payment option as per the tender document to pay the tender fee / Tender Processing fee as applicable and enter details of the instrument.

– In case of BG bidder should prepare the BG as per the instructions specified in the tender document. The BG in original should be posted/couriered/given in person to the concerned official before the Online Opening of Financial Bid. In case of non-receipt of BG amount in original by the said time, the uploaded bid will be summarily rejected.

– Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable.

– The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.

– The uploaded bid documents become readable only after the tender opening by the authorized bid openers.

– Upon the successful and timely submission of bid click "Complete" (i.e. after Clicking "Submit" in the portal), the portal will give a successful Tender submission acknowledgement & a bid summary will be displayed with the unique id and date & time of submission of the bid with all other relevant details.

– The tender summary has to be printed and kept as an acknowledgement of the submission of the tender. This acknowledgement may be used as an entry pass for any bid opening meetings.

3.4.10. Clarifications on using e-Nivida Portal

– Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.

– Any queries relating to the process of online bid submission or queries relating to e-tender Portal in general may be directed to the Helpdesk Support.

Please feel free to contact e-Nivida Helpdesk (as given below) for any query related to e-tendering.

Phone No.: 011-49606060

Mail id: odishaenivida@gmail.com

3.4.11. Evaluation process

i. The Procurement Committee shall evaluate the responses of the bidders.

ii. The above Committees constituted by E&IT Department shall evaluate the responses to the tender and all supporting documents / documentary evidences. Inability to submit requisite supporting documents / documentary evidence, may lead to rejection.

iii. The decision of the Procurement Committee in the evaluation of responses to the tender shall be final. No correspondence will be entertained outside the process of evaluation with the Committee.

iv. The above mentioned Committees may ask for meetings with the Bidders to seek clarifications on their proposals.

v. The Procurement Committee reserves the right to reject any or all proposals on the basis of any deviations.

vi. Each of the responses shall be evaluated as per the criterions and requirements specified in this tender.

3.4.12. Tender Opening

The Proposals submitted will be opened as per the calendar of events before the Procurement Committee in presence of Bidders or their representatives who may be present at the time of opening. The representatives of the bidders should be advised to carry the identity card or a letter of authority to identify their bonafides for attending the opening of the proposal.

3.4.13. Tender Validity

The offer submitted by the Bidders shall be valid for minimum period of **180 days** from the last date of submission of Tender.

3.4.14. Tender Evaluation

i. Initial Bid scrutiny will be held and incomplete details as given below will be treated as non-responsive. If Proposals;
- Are not submitted in as specified in the tender document
- Received without the Letter of Authorization/Power of Attorney
- Are found with suppression of details
- With incomplete information, subjective, conditional offers and partial offers submitted
- Submitted without the documents requested in the checklist
- Have non-compliance of any of the clauses stipulated in the tender
- With lesser validity period

ii. All responsive Bids will be considered for further processing as below.
- OCAC will prepare a list of responsive/eligible bidders, who comply with all the Terms and Conditions of the Tender. All eligible bids will be considered for further evaluation by the Committee according to the Evaluation process defined in this tender document. The decision of the Committee will be final in this regard.

4. Buyback of old hardware

4.1. OCAC expects to protect the investment already made on the existing components thus the Bidder is also required to buyback the specified inventory as mentioned in tender. Buy back items are available at SDC, and 185 SR/DSR location. Bidder has to collect item in as-is-where-is

condition. No additional expenses will be paid for removal of items.

4.2. The commercial bid should include the buyback price assessed by the Bidder

4.3. Hardware items under buyback will be sold by the vendor on "as is where is" basis and purchase price of these items once accepted by the OCAC cannot be withdrawn by the vendor.

4.4. It would be vendor's responsibility to collect the left-over buyback items, if any, from respective Sub Registrar Office/OSDC locations.

4.5. The buyback price should include all cost (inclusive of tax) towards packing, loading & shifting of the old hardware

4.6. It should be the bidder's responsibility to collect the buyback items, from SDC as well as respective SR/DSR offices location and OCAC/IGR not provide any transportation expenses towards this

4.7. Brief specifications of hardware items under buyback are given in the Form-15 (Clause 12.5).

5. Criteria for Evaluation

5.1. Pre-Qualification (PQ) / Eligibility Criteria

All bids will primarily be evaluated on the basis of Prequalification Criteria. The Tender Evaluation Committee will carry out a detailed evaluation of the Proposals, only those who qualifies all Prequalification criteria, are eligible for evaluation of technical bids.

Sl. No.	Basic Requirement	Specific Requirements	Documents Required
1.	Legal Entity	1. The bidder should be a Company registered under the Companies Act, 1956 since last 10 years. 2. The company must have valid GST registered in Odisha and having PAN, ITR 31st March 2021.	– Certificates of Incorporation – Registration Certificates, PAN copy & other necessary supporting documents
3.	Annual Turnover services	Average Annual Turnover from IT/ ITES during each last three financial years i.e, 2018-19, 2019-20, and 2020-21 (as per the last published financial statements), should have a minimum of Rs. 100 Crores.	Extracts from the audited Balance sheet and Profit & Loss; or Certificate from the statutory auditor
4.	Net Worth	The net worth of the bidder in the last three financial years, i.e. 2018-19, 2019-20 and 2020-21 should be positive.	Certificate from the statutory auditor
5.	Consortium for participation in tender	Not allowed	Not applicable
6.	Technical Capability	1. Bidder must have successfully undertaken at least the following numbers of systems implementation engagement(s) of value specified herein during the last five financial years i.e. 2016-17,2017-18,2018-19, 2019-20,2020-21: – One project of similar nature not less than the amount Rs. 15 crores; OR – Two projects of similar nature each of which not less than the amount Rs. 12 crores; OR – Three projects of similar nature each of which not less than the amount Rs. 9 crores **'Similar Nature**' is defined as : Supply of IT Hardware like (Installation, Commissioning and maintenance of Computers, Servers, Storage Devices, Network / Security devices, System Software& other IT devices amongst others) for government/ public sector enterprises in India.	Work order along with Completion Certificates from the client.

7.	OEM Authorization	The bidder must attach **bid specific** Manufactures Authorization certificate & Back-to-back support letter from OEMs for providing Comprehensive Maintenance support and services of the OEM equipment covered under the tender. Both the bidder and his OEM should commit full professional services support and resources for the successful completion of the project. A documentary proof to the above effect signed by both the bidder and his OEM must be submitted along with the bid inclusive of the following: "Confirmation that the Equipment being quoted for the project in the bid should not be declared as End of sale / End of support on the date of submission of the bid. Service / Support including spares, patches for the quoted products shall be available for the complete duration of the project or 5 years whichever is higher from the date submission of bid."	Authorization Letter
8.	Quality Certifications	The bidder mist have following certifications ISO27001:2013 ISO 9001:2008	Valid Copy of certificate to be attached as on bid submission date.
9.	Local Service Support	The bidder should have presence in Odisha with support Facility. The bidder should have capability of providing maintenance support for all the 30 districts throughout Odisha for support under this contract.	– A Self Certified letter by an authorized signatory along with local office details in Odisha i.e. Rent Agreement, Electricity Bill, GST Certificate
10.	Blacklisting	A self-certified letter by the authorized signatory of the bidder, that the bidder is not under blacklisted by any Central / State Government (Central/State Government and Public Sector)	A Self Certified letter by an authorized signatory
11.	Tender Fees	The Bidder must have submitted **Rs. ₹11,200/-** towards the cost of the Tender Document.	To be submitted electronically through e-Nivida Portal

5.2. Technical Qualification Criteria

Bidders who meet the pre-qualifications/eligibility requirements would be considered as qualified to move to the next stage of Technical and Financial evaluations. The Product offered should meet all the technical and functional specifications given in the **"Form 4: Compliance Sheet for Technical Proposal".** Non-compliance to any of the technical and functional specification will attract rejection of the proposal.

Response except Yes(Y) or No(N) is not acceptable. If any bidder provides response other than Y or N the same will be treated as Not Available (NA). Bidders, whose bids are responsive to all the items in the Compliance Sheet for Technical Proposal and meet all the technical and functional specifications, would be considered technically qualified.

5.3. Commercial Bid Evaluation

i. The Financial Bids of technically qualified bidders will be opened on the prescribed date in the presence of bidder representatives.

ii. The Bidder, who submits the lowest Commercial bid (after deducting the buy-back offer), shall be selected as the L1 bidder and shall be called for further process leading to the award of the assignment.

iii. The rates quoted must be FOR destination/ site where the IT Hardware and peripherals are to be delivered, and should include all incidental charges.

iv. Only fixed price financial bids indicating total price for all the deliverables and services specified in this bid document will be considered.

v. The bid price will include all taxes and levies and shall be in Indian Rupees.

vi. Prices quoted in the bid must be firm and final and shall not be subject to any modifications, on any account whatsoever.

vii. All the required items must be listed and priced separately in the financial bid. If a financial bid shows items listed but not priced, their prices shall be assumed to be included in the prices of other items.

viii. Evaluation will be made on the basis of Total bid price inclusive of all taxes. The bidder has to quote Tax(s) as applicable in the Tax Columns of Financial Bid Format. Evaluation will be done on the basis of Grand Total cost (inclusive of all Taxes) [Total cost = (Unit cost + Taxes as applicable)].

ix. In case of a Tie of the bid price for L1, both the bidders shall be called for further negotiation, then whose ever price becomes L1 will be awarded the contract.

x. Any conditional commercial bid would be rejected.

xi. Errors & Rectification: Arithmetical errors will be rectified on the following basis: "If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected accordingly. If there is a discrepancy between words and figures, the amount in words will prevail".

6. Appointment of Supplier

6.1. Award Criteria

The purchaser will award the Contract to the successful bidder whose proposal is determined to be substantially responsive and has been determined as the most responsive bids as per the process outlined above.

6.2. Right to Accept Any Proposal and To Reject Any or All Proposal(s)

The purchaser reserves the right to accept or reject any proposal, and to annul the tendering process / Public procurement process and reject all proposals at any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for purchaser's action.

6.3. Notification of Award

Prior to the expiration of the validity period, the purchaser will notify the successful bidder in writing or by fax or email, that its proposal has been accepted. In case the tendering process / public procurement process has not been completed within the stipulated period, the purchaser, may like to request the bidders to extend the validity period of the bid.

The notification of award will constitute the formation of the contract. Upon the successful bidder furnishing Performance Bank Guarantee, purchaser will notify each unsuccessful bidder and return their EMD.

6.4. Performance Bank Guarantee (PBG)

i.   OCAC will require the selected bidder to provide a Performance Bank Guarantee (PBG), within **15 days** from the Notification of award, for a value equivalent to **3%** of the total order value excluding tax.

ii. The Performance Bank Guarantee needs to be valid for **63 months i.e. t**he Performance Bank Guarantee shall contain a claim period of three months from the last date of validity.

iii. In case the selected bidder fails to submit performance Bank guarantee within the time stipulated, OCAC at its discretion may cancel the order placed on the selected bidder without giving any notice and forfeit the EMD.

iv. OCAC shall invoke the performance Bank Guarantee in case the selected Vendor fails to discharge their contractual obligations during the period or OCAC incurs any loss due to Vendor's negligence in carrying out the project implementation as per the agreed terms & conditions.

v.   Performance Bank Guarantee shall be refunded within three months of the successful completion of the contract period i.e., expiry of "Warranty and Support Services" of all the IT Hardware and peripherals.

vi. No interest will be paid by OCAC on the amount of performance Bank Guarantee

6.5. Signing of Contract

Post submission of Performance Bank Guarantee by the successful bidder, OCAC shall enter into a contract, incorporating all clauses, pre-bid clarifications and the proposal of the bidder between OCAC and the successful bidder.

6.6. Monitoring of Contract

i. Initially materials will be delivered at OCAC for necessary inspection. OCAC team will inspect the materials at OCAC.

ii. OCAC shall monitor the progress of the contract during its delivery period.

iii. During the delivery period the OCAC shall keep a watch on the progress of the contract and shall ensure that quantity of goods and service delivery is in proportion to the total delivery period given in the Work order.

iv. If delay in delivery of goods and service is observed, a performance notice would be given to the selected bidder(s) to speed up the delivery and LD will be charged accordingly.

v. The selected bidder shall not assign or sub-let his contract or any substantial part thereof to any other agency without the permission of OCAC.

6.7. Failure to Agree with the Terms and Conditions of the tender

Failure of the successful bidder to agree with the Draft Legal Agreement and Terms & Conditions of the tender shall constitute sufficient grounds for the annulment of the award, in which event OCAC may award the contract to the next best value bidder or call for new proposals from the interested bidders. In such a case, OCAC shall invoke the PBG of the bidder.

7. Fraud and Corrupt Practices

7.1. Fraud and Corrupt Practices

i. The Bidders and their respective officers, employees, agents and advisers shall observe the highest standard of ethics during the Selection Process. Notwithstanding anything to the contrary contained in this tender, OCAC shall reject a Proposal without being liable in any manner whatsoever to the Bidder, if it determines that the Bidder has, directly or indirectly or through an agent, engaged in corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice (collectively the "Prohibited Practices") in the Selection Process. In such an event, OCAC shall, without prejudice to its any other rights or remedies, forfeit and appropriate the Bid Security or Performance Security, as the case may be, as mutually agreed genuine pre-estimated compensation and damages payable to the Authority for, inter alia, time, cost and effort of the Authority, in regard to the tender, including consideration and evaluation of such Bidder s Proposal.

ii. Without prejudice to the rights of OCAC under Clause above and the rights and remedies which OCAC may have under the LOI or the Agreement, if a Bidder is found by OCAC to have directly or indirectly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice during the Selection Process, or after the issue of the Work Order or the execution of the Agreement, such Bidder shall not be eligible to participate in any tender or tender issued by OCAC/ Any Department of State Govt. during a period of 2 (two) years from the date of such Bid.

iii. For the purposes of this Section, the following terms shall have the meaning hereinafter respectively assigned to them:

a. "corrupt practice" means (i) the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of any person connected with the Selection Process (for avoidance of doubt, offering of employment to or employing or engaging in any manner whatsoever, directly or indirectly, any official of OCAC who is or has been associated in any manner, directly or indirectly with the Selection Process.

b. "fraudulent practice" means a misrepresentation or omission of facts or disclosure of incomplete facts, in order to influence the Selection Process;

c. "coercive practice" means impairing or harming or threatening to impair or harm, directly or indirectly, any persons or property to influence any person s participation or action in the Selection Process;

d. "undesirable practice" means (i) establishing contact with any person connected with or employed or engaged by OCAC with the objective of canvassing, lobbying or in any manner influencing or attempting to influence the Selection Process; or (ii) having a Conflict of Interest; and

e. "Restrictive Practice" means forming a cartel or arriving at any understanding or arrangement among Bidders with the objective of restricting or manipulating a full and fair competition in the Selection Process.

8. Conflict of Interest

8.1. Conflict of Interest

The Vendor shall disclose to OCAC in writing, all actual and potential conflicts of interest that exist, arise or may arise in the course of performing the Service(s) as soon as practical after it becomes aware of that conflict.

i. OCAC considers a conflict of interest to be a situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations. In pursuance of OCAC's Procurement Ethics requirement that bidders, suppliers, and contractors under contracts, observe the highest standard of ethics, OCAC will take appropriate actions against the bidder(s), if it determines that a conflict of interest has flawed the integrity of any procurement process. Consequently, all bidders found to have a conflict of interest shall be disqualified.

ii. A bidder may be considered to be in a conflict of interest if the bidder or any of its affiliates participated as a consultant in the preparation of the solicitation documents/RFP/tender for the procurement of the goods and services that are the subject matter of the bid.

iii. It may be considered to be in a conflict of interest with one or more parties in the bidding process if

a. they have controlling shareholders in common; or

b. it receives or have received any direct or indirect subsidy from any of them; or

c. they have the same legal representative for purposes of the Bid; or

d. they have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the Bid of another Bidder, or influence the decisions of the tendering authority regarding this bidding process.

9. **Terms and Conditions: Applicable Post Award of Contract**
   9.1. **Termination Clause**
   9.1.1.   **Right to Terminate the Process**

   OCAC reserves the right to cancel the contract placed on the selected bidder and recover expenditure incurred by OCAC under the following circumstances: -
   i.   The selected bidder commits a breach of any of the terms and conditions of the bid.
   ii.   The bidder goes into liquidation, voluntarily or otherwise.
   iii. If the selected bidder fails to complete the assignment as per the time lines prescribed in the tender and the extension if any allowed, it will be a breach of contract. OCAC reserves its right to cancel the order in the event of delay and forfeit the bid security as liquidated damages for the delay.
   iv.   In case the selected bidder fails to deliver the quantity as stipulated in the delivery schedule, OCAC reserves the right to procure the same or similar product from alternate sources at the risk, cost and responsibility of the selected bidder.
   v.   OCAC reserves the right to recover any dues payable by the selected Bidder from any amount outstanding to the credit of the selected bidder, including the pending bills and/or invoking the bank guarantee under this contract.

   9.2. **Consequences of Termination**
   i.   In the event of termination of the Contract due to any cause whatsoever, [whether consequent to the stipulated term of the Contract or otherwise], OCAC shall be entitled to impose any such obligations and conditions and issue any clarifications as may be necessary to ensure an efficient transition and effective business continuity of the Service(s) which the Vendor shall be obliged to comply with and take all available steps to minimize loss resulting from that termination/breach, and further allow the next successor Vendor to take over the obligations of the erstwhile Vendor in relation to the execution/continued execution of the scope of the Contract.
   ii.   Nothing herein shall restrict the right of OCAC to invoke Performance Bank   Guarantee and other guarantees, securities furnished, enforce the Deed of Indemnity and pursue such other rights and/or remedies that may be available to OCAC under law or otherwise.
   iii. The termination hereof shall not affect any accrued right or liability of either Party nor affect the operation of the provisions of the Contract that are expressly or by implication intended to come into or continue in force on or after such termination.

   9.3. **Extension in Delivery Period and Liquidated Damages (LD)**

   i.   Except as provided under clause "Force Majeure", if the selected bidder fails to deliver any or all of the Goods or perform the Related Services within the period specified in the Contract, OCAC may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in sub clause **(iv)** below for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in sub clause **(iv)**. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to clause "Termination".

   ii.   The time specified for delivery in the tender form shall be deemed to be the essence of

         the contract and the selected bidder shall arrange goods supply and related services within the specified period.

   iii. Delivery and completion period may be extended with or without liquidated damages, if

the delay in the supply of goods or service is on account of hindrances beyond the control of the selected bidder to be determined by OCAC.

a. The supplier/ selected bidder(s) shall request in writing to OCAC giving reasons for extending the delivery period of service, if he finds himself unable to complete the supply of goods or service within the stipulated delivery period or is unable to maintain prorate progress in the supply of goods or service delivery. This request shall be submitted as soon as a hindrance in delivery of goods and service occurs or within **15 days** from such occurrence but before expiry of stipulated period of completion of delivery of goods and service after which such request shall not be entertained.

b. OCAC shall examine the justification of causes of hindrance in the delivery of goods

   and service and the period of delay occurred due to that and recommend the competent authority on the period of extension which should be granted with or without liquidated damages.

c. If the competent authority agrees to extend the delivery period/ schedule, an

   amendment to the contract with suitable denial clauses and with or without liquidated damages, as the case may be, shall be issued. The amendment letter shall mention that no extra price or additional cost for any reason, what so ever beyond the contracted cost shall be paid for the delayed supply of goods and service.

d. It shall be at the discretion of the competent authority to accept or not to accept the

   supply of goods and/ or services rendered by the contractor after the expiry of the stipulated delivery period, if no formal extension in delivery period has been applied

   and granted. The competent authority shall have right to cancel the contract with respect to undelivered goods and/ or service.

iv. In case of extension in the delivery and/ or completion period is granted with full liquidated damages, the recovery shall be made on the basis of following percentages of value of goods which the selected bidder has failed to supply or complete : -

No.	Condition
1	For delay in delivery of materials beyond the delivery schedule mentioned in the work order, **LD @ 0.25%** per week or part thereof for the pending materials order value up to maximum **5%** will be deducted.

a. The maximum amount of liquidated damages shall be 5 % of the total order value.
b. OCAC reserves its right to recover these amounts by any mode such as adjusting from any payments to be made by OCAC to the bidder.

9.4. Service Level Agreement and Penalties

A. SLA for Field Office IT Hardware & Peripherals

i. SLA defines the terms of the successful bidder's responsibility in ensuring the performance of the hardware, software & all other accessories supplied as per the Scope of Work as specified in the tender document based on the agreed Performance Indicators as detailed in the Agreement.

ii. The Bidder shall provide comprehensive, end-to-end service including supply, warranty and replacement of the defective IT Hardware & peripherals in case of physical damage until delivered at the offices at district level.

iii. The selected bidder and OCAC shall regularly review the performance of the services being provided by the selected bidder and the effectiveness of this SLA.

iv. The following measurements and targets shall be used to track and report performance on a regular basis. The targets shown in the following tables are applicable for the entire duration of the Contract /Project, failing which the selected bidder(s) is liable to be penalized:

Sl. No.	Type of Incident	Target Resolution Time	Penalty
1.	**Any defect in IT Hardware and peripherals**	T+7 days	No penalty
		> T+ 7 days	0.5% of cost of the IT Hardware& peripherals will be deducted
		> T + 60 Days	If the selected bidder fails to rectify a defect within 90 days, OCAC may proceed to take such remedial action as may be necessary, in addition to other recourses available in terms and conditions of the contract and bidding document

Note: -

1. *Upper limit of the penalties due to default in SLA Warranty is 5 % of the entire PO value.*

2. *T or call logged date will start when office raises the complaint regarding the defective IT Hardware and peripherals at the service support center / Resident Engineer (RE). The OEM shall generate a Ticket on receipt of complaint from directly from the office and also has to keep proper record of 'Complaint Date' & 'Handover Date.*

B. SLA for SDC Components
   ▪ Service Window: 24 X 7 Support
   ▪ Quarterly Uptime: 99.5 %
   Complaints registered with the vendor should be rectified as per the schedule:

Sl. No.	Type of Incident	Target Resolution Time	Penalty
1.	**IT hardware & peripherals at SDC**	< 4hours	No penalty
		> 4 hours	0.5% of cost of the IT Hardware& peripherals will be deducted for every two hours of downtime.

Note: -
   1. *Upper limit of the penalties due to default in SLA Warranty is 5 % of the entire PO value.*

9.5. Dispute Resolution Mechanism

The Bidder and OCAC shall endeavor their best to amicably settle all disputes arising out of or in connection with the Contract in the following manner:

i. The Party raising a dispute shall address to the other Party a notice requesting an amicable settlement of the dispute within **seven (7) days** of receipt of the notice.

ii. The matter will be referred for negotiation between OCAC and the Authorized Official of the Bidder. The matter shall then be resolved between them and the agreed course of action documented within a further period of **15 days.**

iii. In case it is not resolved between OCAC and the bidder, it will be referred to Principal-Secretary to Govt., (E&IT Department)., Govt. of Odisha for negotiation and his decision would be final and binding for both the parties.

iv. In case any dispute between the Parties, does not settle by negotiation in the manner as mentioned above, the same may be resolved exclusively by arbitration and such dispute may be submitted by either party for arbitration within **20 days** of the failure of negotiations. Arbitration shall be held in **Bhubaneswar** and conducted in accordance with the provisions of Arbitration and Conciliation Act, 1996 or any statutory modification or re- enactment thereof. Each Party to the dispute shall appoint one arbitrator each and the two arbitrators shall jointly appoint the third or the presiding arbitrator.

v. The "Arbitration Notice" should accurately set out the disputes between the parties, the intention of the aggrieved party to refer such disputes to arbitration as provided herein, the name of the person it seeks to appoint as an arbitrator with a request to the other party to appoint its arbitrator within **45 days** from receipt of the notice. All notices by one party to the other in connection with the arbitration shall be in writing and be made as provided in this tender document.

vi. Each Party shall bear the cost of preparing and presenting its case, and the cost of arbitration, including fees and expenses of the arbitrators, shall be shared equally by the Parties unless the award otherwise provides. The Bidder shall not be entitled to suspend the Service/s or the completion of the job, pending resolution of any dispute between the Parties and shall continue to render the Service/s in accordance with the provisions of the Contract/Agreement notwithstanding the existence of any dispute between the Parties or the subsistence of any arbitration or other proceedings.

9.6. Notices

Notice or other communications given or required to be given under the contract shall be in writing and shall be faxed/e-mailed/hand-delivery with acknowledgement thereof, or transmitted by pre-paid registered post or courier or email.

9.7. Force Majeure

Force Majeure is herein defined as any cause, which is beyond the control of the selected bidder or OCAC as the case may be which they could not foresee or with a reasonable amount of diligence could not have foreseen and which substantially affect the performance of the contract, such as:

i. Natural phenomenon, including but not limited to floods, droughts, earthquakes and epidemics

ii. Acts of any government, including but not limited to war, declared or undeclared priorities, quarantines and embargos

iii. Terrorist attack, public unrest in work area provided either party shall within 10 days from occurrence of such a cause, notifies the other in writing of such causes. The bidder or OCAC shall not be liable for delay in performing his/her obligations resulting from any force majeure cause as referred to and/or defined above. Any delay beyond 30 days shall lead to termination of contract by parties and all obligations expressed quantitatively shall be calculated as on date of termination. Notwithstanding this, provisions relating to indemnity, confidentiality survive termination of the contract.

9.8. Failure to agree with Terms and Conditions of the tender

Failure of the successful bidder to agree with the Terms & Conditions of the tender shall constitute sufficient grounds for the annulment of the award, in which event OCAC shall invoke the EMD/PBG of the selected bidder and may award the contract to the next best value bidder (L2) or call for new proposals from the interested bidders.

9.9. Limitation of Liability

Except in cases of gross negligence or willful misconduct: -

a. neither party shall be liable to the other party for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the supplier/ selected bidder to pay liquidated damages to the Purchaser; and

b. the aggregate liability of the selected bidder to the Purchaser, whether under the Contract, in tort, or otherwise, shall not exceed the amount specified in the Contract, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier/ selected bidder(s) to indemnify the Purchaser with respect to patent infringement.

9.10. Change in Laws & Regulations

i. Unless otherwise specified in the Contract, if after the date of the Invitation for Bids, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in Odisha/ India, where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/ or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract.

ii. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited, if the same has already been accounted for in the price adjustment provisions where applicable.

9.11. Change Orders and Contract Amendments

i. OCAC may at any time order the selected bidder through Notice in accordance with clause "Notices" above, to make changes within the general scope of the Contract in any one or more of the following: -

a. drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;

b. the place of delivery; and

c. the related services to be provided by the selected bidder

ii. If any such change causes an increase or decrease in the cost of, or the time required for, the selected bidder's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery and Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the selected bidder for adjustment under this clause must be asserted within thirty (30) days from the date of the selected bidder's receipt of the Purchaser's change order.

iii. Prices to be charged by the selected bidder for any related services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the selected bidder for similar services.

10. Scope of Work (Terms of Reference)

All products should be offered in current production as of the date of the award. ***For purpose of this contract "current production" shall mean that the equipment model is being manufactured as new equipment for the Indian market.*** Refurbished equipment is not acceptable.

All equipment ordered as stated in the tender must be shipped fully configured with the required memory, components, and selected or specified operating system.

The bidder(s) shall not quote and supply any hardware/ software that is likely to be declared as End of Service/ Support for twenty-four months from the date of bid submission. If any of the hardware/ software is found to be declared as End of Service/ Support in the period mentioned above, then the bidder shall replace (within 7 days), all such hardware/ software with the latest ones having equivalent or higher specifications without any financial obligation to OCAC.

10.1. Supply and Delivery of IT Hardware & peripherals

The selected bidder is expected to carry out all activities covering Supply including delivery, installation of software and documentation, Testing, Quality Inspection in coordination with OCAC and other stakeholders of the project.

i. Supply of all the required quantities of IT Hardware and peripherals having the specifications. (as mentioned in the Specifications provided in **Form 4** titled **"Technical Specifications"**) at the District level designated offices in the State of Odisha and in quantities as specified by the purchaser (as mentioned in **Form 8** titled **"Delivery Locations & List of items with Quantity")**

ii. Conduct 100% Quality inspection and testing and ensure that each and every IT Hardware and other peripherals complies to the specifications given in **Form 4** and ensure that there should not be any physical damage(s) and shall contain all the required every IT Hardware and other peripherals before declaring them as "Ready for delivery".

iii. The bidder will provide the soft copy and hard copy of both listing every IT Hardwareand other peripherals serial nos. to OCAC for better monitoring purposes.

iv. The Delivery Challan, Inspection Report & Acceptance Note will constitute the Final Acceptance of every IT Hardware and other peripherals supplied.

10.2. Bill of Materials [BoM] for Registration Office Sites

SL No.	Item Description	UOM (Unit of Material)	Quantity
Bill of Materials for Registration Office Sites			
1	Desktop PC	Nos.	605
2	Finger Print Scanner (UIDAI-Aadhaar Certified)	Nos.	634
3	Signature PAD	Nos.	400
4	Web-camera	Nos.	400
5	Network Printer	Nos.	245
6	USB Printer	Nos.	310
7	Scanner	Nos.	273
8	8 port Switch	Nos.	130
9	24 port Switch	Nos.	133

10	Online Inverter with UPS Mode 3 KVA	Nos.	166
11	Online Inverter with UPS Mode 5 KVA	Nos.	57
12	Stabilizer 5KVA	Nos.	184
13	Stabilizer 7KVA	Nos.	9
14	MS Visual Studio 2022	Nos.	1
15	IRIS Scanner (Aadhaar Enabled)	Nos.	394
16	Fire Extinguisher	Nos.	191
17	Antivirus with 5 Years Subscription	Nos.	605

10.3. Bill of Materials [BoM] for Data Centre

Bill of Materials for Data Centre Components			
SL No.	**Item Description**	**UOM**	**Quantity**
Server			
1	Blade Chassis (Support up to 24 Blades)	Nos.	1
2	Server	Nos.	17
3	Router	Nos.	2
Switches			
1	Network Switch (L3 – Managed)	Nos.	2
Console			
1	Blade Console	Nos.	1
Software			
1	Microsoft Windows 2022 Server Enterprise edition 64 bit	Nos.	17

10.4. Comprehensive OEM Warranty and support services

The Successful bidder shall:

i. Provide comprehensive OEM Warranty and support services for a period of 5 years through its designated Support Service Centres / Resident Engineers available at all the District level.

ii. The warranty & support shall start from the date of final delivery of all the items and acceptance of the IT Hardware and peripherals. Warranty to start from date of acceptance or 1 month from the date of delivery, whichever is earlier, in case acceptance is delayed by OCAC.

iii. Be responsible to ensure adequate and timely availability of spare parts needed for repairing the supplied goods at the service support centres / Resident Engineers during the warranty period.

10.5. Buyback of old hardware

10.5.1 OCAC expects to protect the investment already made on the existing components thus the Bidder is also required to buyback the specified inventory as mentioned in tender. Buy back items are available at SDC, and 185 SR/DSR location. Bidder has to collect item in as-is-where-is condition. No additional expenses will be paid for removal of items.

10.5.2 The commercial bid should include the buyback price assessed by the Bidder

10.5.3 Hardware items under buyback will be sold by the vendor on "as is where is" basis and purchase price of these items once accepted by the OCAC cannot be withdrawn by the vendor.

10.5.4 It would be vendor's responsibility to collect the left-over buyback items, if any, from respective Sub Registrar Office/OSDC locations.

10.5.5 The buyback price should include all cost (inclusive of tax) towards packing, loading & shifting of the old hardware

10.5.6 It should be the bidder's responsibility to collect the buyback items, from SDC as well as respective SR/DSR offices location and OCAC/IGR not provide any transportation expenses towards this

10.5.7 Brief specifications of hardware items under buyback are given in the Form-15 (Clause 12.5).

10.6. Sub-contracting

i. The bidder shall not assign or sub-let his contract or any substantial part thereof to any other agency except for the followings:

   a. Setting-up a helpdesk

   b. Establishment of Service support centre / deployment of Resident Engineers

ii. Subcontracting shall in no event relieve the Supplier/ Selected bidder(s) from any of its obligations, duties, responsibilities, or liability under the Contract.

10.7. Roles and Responsibilities

A. Odisha Computer Application Centre (OCAC): OCAC shall

   (i) Conduct verification of hardware.

   • The bidder has to first deliver all the hardware at OCAC office for verification by OCAC team. After completion of verification, the bidder has to deliver the hardware at requisite places.

   (ii) Provide details with respect to the delivery destination at each nodal/district centre,

   like Location address, contact person / district nodal officer's name, and contact number of the Concerned IGR representative.

B. Revenue and Disaster Management Department (R&DM): Department of Revenue and Disaster Management shall

   (i) Nominate a Nodal officer to co-ordinate with OCAC and selected bidder for successful execution of the project.

   (ii) Intimate regarding the details of registration offices where the IT Hardware & peripherals will be delivered with the exact quantities to be delivered and the authorized person

   (iii) With mobile number who will receive the materials at Delivery Centers. Authorize the concerned person of Nodal offices to sign on the Delivery Challan along with the

Installation report.

10.8. Delivery Schedule:

The Bidder shall ensure that all the required quantities of the ordered IT Hardware and peripherals are supplied and delivered to the desired location(s) as per the schedule given below:

Sl. No.	Identification Lot	Quantity to be Delivered (in %age)	Delivery Schedule in Weeks
1	Complete Lot	100% of total BoM	Within 8 weeks from the Date of issuance Work Order

* The arrival of goods must be informed to OCAC, so that OCAC will physically verify the same in the local godown of the selected OEM/bidder or at OCAC store. The time taken for IT Hardware and peripherals inspection& *verification by OCAC shall be excluded from the delivery period mentioned in the Delivery Schedule of the tender.*

10.9. Right to alter Quantities

OCAC reserves the right to give repeat order **to the L1 bidder** for maximum upto **20% of ordered quantity**, if requires within the tender validity period of **180 days** from the last date of submission of bid under same terms and conditions. Any decision of OCAC in this regard shall be final, conclusive and binding on the bidder. If OCAC does not purchase any of the tendered articles or purchases less than the quantity indicated in the bidding document, the bidder(s) shall not be entitled to claim any compensation.

10.10. Confidential Information

OCAC and Selected bidder shall keep confidential and not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract.

10.11. Specifications and Standards

i. All articles to be supplied shall strictly confirm to the specifications, trademark laid down in the tender form and wherever articles have been required according to ISI/ ISO/ other applicable specifications/ certifications/ standards, those articles should conform strictly to those specifications/ certifications/ standards. The supply shall be of best quality and description. The decision of the competent authority/ purchase committee whether the articles supplied conform to the specifications shall be final and binding on the selected bidder.

ii. Technical Specifications

    a. The Selected bidder shall ensure that the goods and related services comply with the technical specifications and other provisions laid down in the tender document & the work order.

    b. The Selected bidder shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.

    c. The goods and related services supplied under this Contract shall conform to the standards mentioned in bidding document and, when no applicable standard is

mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the country of origin of the Goods.

10.12. Packing and Documents

i. The Selected bidder shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the final destination of the Goods and the absence of heavy handling facilities at all points in transit.

ii. The Bidder shall be responsible for any defect in packing and any material found damaged/defective at the delivery points and those are to be replaced by the selected bidder within 2 weeks without any financial obligations to OCAC.

10.13. Transit Insurance

i. The IT Hardware and peripherals to be supplied under the Contract shall be fully insured against any loss during transit from OEM site to Nodal office sat district level. The insurance charges will be borne by the supplier and OCAC will not pay such charges.

ii. The bidder has to submit the certificate of insurance (from third party insurance agency/ self) covering all the risks mentioned above.

10.14. Inspection

i. OCAC or its duly authorized representative shall at all reasonable time have access to the OEM's premises and shall have the power at all reasonable time to inspect and examine the materials and workmanship of the goods/ equipment/ machineries during manufacturing process or afterwards as may be decided.

ii. OCAC shall conduct inspection for which the cost shall be borne by OCAC. OCAC shall undertake the inspection of the IT Hardware and peripherals in accordance to the standard procedures being followed by OCAC in Quality Inspection.

iii. For verification of hardware the bidder shall deliver all the hardware at OCAC and after verification/inspection, the bidder should deliver the hardware at respective location without any additional cost.

iv. The inspection team shall prepare a Report specifying satisfactory operational condition of the inspected IT Hardware, gaps identified and necessary corrective measurements required by the Bidder.

v. OCAC may engage any Third Party Agency (TPA), who shall be responsible to perform the inspection of the IT Hardware & peripherals in accordance with Industry Standards. OCAC shall bear the inspection charges of TPA.

10.15. Rejection

Articles not approved during inspection or testing shall be rejected and will have to be replaced by the selected bidder(s) at his own cost within 2 weeks or the time fixed by Competent Authority

10.16. Authenticity of Equipment(s)

i. The selected bidder shall certify (as per Form 6) that the supplied goods are brand new, genuine/ authentic, not refurbished, confirm to the description and quality as specified in this bidding document and are free from defects in material, workmanship and service.

ii. If during the contract period, the said goods be discovered counterfeit/ unauthentic or not to confirm to the description and quality aforesaid or have determined (and the decision of OCAC in that behalf will be final and conclusive), notwithstanding the fact that the purchaser may have inspected and/ or approved the said goods, the purchaser will be entitled to reject the said goods or such portion thereof as may be discovered not to confirm to the said description and quality, on such rejection the goods will be at the selected bidder's risk and all the provisions relating to rejection of goods etc., shall apply.

iii. Goods accepted by the purchaser in terms of the contract shall in no way dilute purchaser's right to reject the same later, if found deficient in terms of this clause of the contract.

10.17.   Payment Terms and Procedure

The payments as per the Payment Schedule covered herein above shall be paid by OCAC. However, Payment of the Bills would be payable, on receipt of advice/confirmation for satisfactory delivery/installation/re-installation, and inspection/service report from the authorized official of Odisha Computer Application Centre(OCAC)/Revenue and Disaster Management Department

10.17.1. Payment Term

i. 80% of the order value will be paid to the selected bidder after delivery of IT Hardware and peripherals as per delivery schedule at site (requisite locations) after due inspection by OCAC team. Rest 20% will be paid after successful Post Delivery Inspection or installation of hardware at site and submission of installation certifiate duly signed by competent authority.

Sl. No.	Milestone/Deliverable	Billable Fee (as % of Contract Value)
1	Delivery of Equipment	80% of the order value of the Lot will be paid to the bidder after delivery of IT Hardware and peripherals at site (requisite locations), after due inspection/verification by OCAC team, producing post-delivery Inspection Report.
2	Installation & Commissioning of Equipment	20% of the equipment cost will be paid to the bidder after successful installation & commissioning of equipment at respective site / location(s) on presentment of Original invoice (in triplicate copy) and installation & commissioning report duly signed by the receiver.

ii. Due Payments shall be made promptly by OCAC, generally within thirty (30) days after submission of an invoice and other supporting documents in order.

iii. The currency or currencies in which payments shall be made to the supplier/ selected bidder(s)under this Contract shall be Indian Rupees (INR) only.

iv. All remittance charges will be borne by the selected bidder.

v. In case of disputed items, disputed amount shall be withheld and will be paid only after settlement of the dispute.

vi. Taxes shall be paid as per the prevailing rate

vii. Any penalties/ liquidated damages, as applicable, for delay and non-performance, as

mentioned in this bidding document, will be deducted from the payments for the respective milestones.

viii. Taxes as applicable, will be deducted at source, from due payments, as per the prevalent rules and regulations.

11. Appendix I: Pre-Qualification & Technical Bid Templates

11.1. General

The bidders are expected to respond to the tender using the forms given in this section and all documents supporting Pre-Qualification / Technical Evaluation Criteria. Pre-Qualification Bid & Technical Proposal shall comprise of following forms:

Forms to be used in Pre-Qualification Proposal

Form 1: Compliance Sheet for Pre-Qualification

Form 2: Particulars of the Bidders

Form 3: Bank Guarantee for Earnest Money Deposit (EMD)

Forms to be used in Technical Proposal

Form 4: Compliance Sheet for Technical Proposal

Form 5: OEM Authorization Letter

Form 6: Letter of Proposal

Form 7: Undertaking on Authenticity of IT Hardware and peripherals

11.2. Form 1: Compliance Sheet for Pre-Qualification Proposal

(The pre-qualification proposal should comprise of the following basic requirements. The documents mentioned in this compliance sheet along with this form, needs to be a part of the Pre-Qualification proposal)

Sl. No.	Basic Requirement	Documents Required	Complied (Yes /No)	Reference & Page Number
1.	Document Fee& EMD	Online receipt/Self Declaration		
2.	Power of Attorney/ Authorization	Copy of Power of Attorney/Authorization in the name of the Authorized signatory		
3.	Particulars of the Bidders	As per **Form 2**		
4.	Earnest Money Deposit	Demand Draft / Bank Guarantee **(Form 3)**		
5.	Average Sales Turnover in the last three financial years, i.e. 2018-19, 2019 - 20, 2020-21	Extracts from the audited Balance sheet and Profit &Loss; OR Certificate from the statutory auditor		
6.	The net worth of the bidder in the last three financial years, i.e. 2018-19, 2019-20, 2020-21should be positive.	CA Certificate with CA's Registration Number/ Seal indicating net worth of the firm		
7.	Technical Capability	Work Order + Completion Certificates from the client;		
8.	OEM Authorization	OEM Authorization Letter **(Form 5)**		
9.	Local Service Centers	A Self Certified letter/ Undertaking by an authorized signatory		
10.	Quality Certifications	a. ISO 27001:2013 b. ISO 9001:2008		
11.	Legal Entity	Copy of Certificate of Incorporation, GST & PAN, IT return		
12.	Blacklisting & Performance	A self certified letter		

11.3. Form 2: Particulars of the Bidders

Sl. No.	Information Sought	Details to be Furnished
1.	Name, address and URL of the bidding Company	
2.	Incorporation status of the firm (public limited / private limited, etc.)	
3.	Year of Establishment	
4.	Date of registration	
5.	ROC Reference No.	
6.	Details of company registration	
7.	Details of registration with appropriate authorities for service tax	
8.	Name, Address, e-mail ID, Phone nos. and Mobile Number of Contact Person	
9.	Average Turnover as mentioned in pre-qualification Criteria	

11.4. Form 3: Self Declaration against Earnest Money Deposit

To

The General Manager (Admin)
Odisha Computer Application Centre
(Technical Directorate of E&IT Dept, Govt. of Odisha)
N-1/7-D, Acharya Vihar P.O. - RRL, Bhubaneswar - 751013

Sub: Tender For Supply, Installation, Commission of IT Hardware & peripherals for e-Registration Project

Tender Ref. No.: OCAC-SEGP-INFRA-0001-2022-22022

Madam,

I/We understand that, as per clause no. 3.4.3 above referenced tender, bids must be supported by a Bid Security Declaration in lieu of Earnest Money Deposit, (reference Finance Department, Government of Odisha, Office Memorandum No. 8484/F, dated 05.04.2022). I/We hereby accept that I/We may be disqualified from bidding for any contract with you for a period of **three years** from the date of disqualification as may be notified by you (without prejudice to FACT's rights to claim damages or any other legal recourse) if,

1) I am /We are in a breach of any of the obligations under the bid conditions,

2) I/We have withdrawn or unilaterally modified/amended/revised, my/our Bid during the bid validity period specified in the form of Bid or extended period, if any.

3) On acceptance of our bid by FACT, I/we failed to deposit the prescribed Security Deposit or fails to execute the agreement or fails to commence the execution of the work in accordance with the terms and conditions and within the specified time.

Yours faithfully,

Authorized Signatory with Date and Seal:

Name:

Title:

Address of Bidder:

11.5. Form 4: Compliance Sheet for Technical Proposal

(Note: All the specifications below are minimum specifications and higher specifications shall be used wherever necessary/ required. Deviation on higher side shall only be considered and no extra weightage shall be awarded for such deviations.)

A. IT HARDWARE PROCUREMENT FOR FIELD OFFICES

1. Workstation (Core i5) / Desktop

SI No	Features	Specification	Complied (Y/N)	Deviation (If Any)
1.	Make & Model	(Specify)		
2.	Processor	Intel 10th Generation, Core i- 5 or higher, 3.1 Ghz. base frequency up to 4.5 Ghz., 12 MB Cache or higher, 6 cores or higher, 12 thread or higher		
3.	Chipset	Intel B Series or higher Chipset		
4.	Motherboard	OEM Motherboard		
5.	Memory	8GB DDR4 expandable up to 64 GB DDR4, Minimum Two DIMM slots		
7.	Hard Disk Drive	512 GB SSD		
8.	Graphics	Intel UHD Graphics (integrated)		
9.	Audio	Integrated audio controller with internal speaker Minimum 2 W.		
10.	Ethernet	Integrated Gigabit (10/100/1000) Controller		
11.	Slots	All FULL height Slots		
		(1) PCI Express x16		
		(1) PCI Express x1		
		(1) PCI x1		
		(2) M.2 slots for WIFI and SSD		
		Min. 2 SATA ports		
12.	Bays	(2) 2.5 & 3.5" Internal drive bays		
		(1) External Bay		
13.	Ports	Atleast 10 USB ports with minimum 6 x USB 3.0 or higher ports and 4 x USB 2.0 ports with at least 4 USB on the front side		
		HDMI port		
		(1) VGA video port		
		(1) RJ-45 network connector		
		Rear Line In/Line Out jacks		
		Front 3.5mm headphone output and microphone in jack		
14.	Form Factor	Tower / Micro Tower / Mini Tower		
15.	Power Supply	180W Active PFC, Minimum 85% efficient Power supply		

16.	Keyboard	USB wired 104 keys keyboard (Same make as PC)		
17.	Mouse	USB Optical Wired Mouse (Same make as PC)		
18.	Security	TPM 2.0 Security Controller		
		SATA port disablement (via BIOS)		
		Optional USB Port Disable at factory (user configurable via BIOS)		
		Integrated Intrusion Controller		
		Power-On password (via BIOS)		
		Administrator password (via BIOS)		
		Setup password (via BIOS)		
		Support for chassis padlocks, drive lock for Hard Disk		
19.	Operating System	Preinstalled Genuine Microsoft Windows 10 Pro (64-bit) or higher version with OEM Recovery media		
20.	Compliance And Certification	RoHS, FCC, CE, UL		
		Energy Star		
		ISO 9001,14001, 20001, 27001 for OEM		
22.	Warranty	5 Years OEM Onsite Warranty		

2. Monitor:

Sl No	Features	Specification	Complied (Y/N)	Deviation (If Any)
1.	Make & Model	(Specify)		
2.	Display	18.5" FHD Anti-Glare with Infinity Non-Touch Display		
3.	Resolution	Minimum resolution of 1600 X 900		
4.	Ports	VGA & HDMI		
5.	Certification	TCO 8.0 certified		
6.	Warranty	5 Years Onsite OEM Warranty		

3. Biometric Device – Finger Print Scanner (UIDAI Aadhaar Certified)

Sl No	Features	Specifications	Complied (Y/N)	Deviation (If Any)
1	Make & Model	(Specify)		
2	Sensor	Optical fingerprint sensor.		
3	Sensing Area	Should be 18 mm * 22 mm. or higher		
4	Light Source / Typical Lifetime	LED / 60000 hours		

5	Image Resolution	500 dpi		
6	Image Size	300 *400 pixels		
7	Image Grey Scale	256 level (8 bit)		
8	Image capture speed	0.2 – 0.5 Frames/ sec.		
9	Operating Temperate	-20 degree to 65 Degree C.		
10	Standard connectivity	Via USB		
11	Dust & Water Resistance	IP65 Certified		
12	Auto On	Automatically detects presence of a finger		
13	Regulatory Compliance	FCC, CE , RoHS, FIPS 201, STQC, KCC		
14	Supporting Standards	FBI PIV-071006 & Mobile ID FAP 20, INCITS 378, ISO/IEC 19794-2, 19794-4		
15	Certification	UIDAI Aadhaar Certified		
16	Supporting Operating systems	Windows 10 or higher, Windows Server 2019, 2016, 2012,2008, Java & Linux.		
17	Warranty	5 Years onsite OEM Warranty		

4. **Biometric Device – IRIS Scanner (Aadhaar Certified)**

SI No	Features	Specifications	Complied (Y/N)	Deviation (If Any)
1	Make & Model	(Specify)		
2	Spatial Resolution	> 50% @ 1.0 LP/mm		
3	Image Margins Left & Right	> = 0.6x IRIS Radius		
4	Top & Bottom	> = 0.2x IRIS Radius		
5	Pixel Resolution	> 10 pixels/mm		
6	Imaging wave length	700 – 900 nm		
7	Capture Mode	Auto Capture with Built in Quality check		
8	Capture Time	< 2 Sec		
9	Safety	Exempt Group per IEC 62471: 2006-07		
10	Health Safety	RoHS Compliant		
11	ESD	Air Discharge ± 8Kv, Contact Type ± 4 Kv		
12	Radiated Emission	FCC Part 15B / IEC:CISPR 22 Class B Standard		
13	Radiated Immunity	As per IEC/EN/61000-4:2006+A2:2010		
14	Connectivity	USB 2.0		

15	Supporting Operating systems	Windows 8.1, 8, 7, Windows Server 2012, 2008 R2,2003, Java & Embedded Linux.		
16	Warranty	5 Years OEM Warranty		

5. <u>Signature Pen/Pad:</u>

SI No	Features	Specifications	Complied (Y/N)	Deviation (If Any)
1	Make & Model	(Specify)		
2	Annotation of documents, e-classroom interaction, digital whiteboard presentations. Electronic signature capturing and authentication Stylus pen with 1024 level of pressure Most major drawing, Painting and CAD Pen scrolling for documents browsing Capturing signatures and drawing for Annotating with a pen for Microsoft word Handwriting recognition supported Create handwritten documents A rich set of pen functions with bundled	Supply Voltage: DC5V from USB Dimensions: 16.2(L) x 8.0 (W) x 0.2(H) cm Weight: 230g or above (Net Weight) Working Area: 4 x 3 inch (10.16 x 7.62cm) Technology: Electromagnetic Technology Pressure Levels: 8192 levels Resolution: 5080 LPI or higher Accuracy: ±01 inch (±0.25 mm) Report Rate: Atleast 100 Points/sec. Interface: USB Digital Pen: Cordless digital stylus pen with a pen tip and two barrel buttons		
3	Warranty	5 Years onsite OEM warranty		

6. <u>Network Duplex Printer</u>

SI. No.	Features	Specifications	Complied (Y/N)	Deviations (If Any)
1	Make & Model	(Specify)		
2	Functions	A4 SIZE NETWORK LASER PRINTER		
3	Type	Mono Laser Printer		
4	Cartridge Type	Composite		
5	Resolution	600 x 600 dpi (1200 X 1200 dpi effective)		
6	Speed	25 ppm or higher, 18ipm duplex		
7	Memory	512 MB or higher		
8	Processor Speed	500 MHz or Higher		

			Complied (Y/N)	Deviations (If Any)
9	Media size supporting duplex	Letter, Legal, A4, Indian Legal, Foolscap		
10	Languages	UFR II LT, PCL6 or equivalent		
11	Paper Handling	150 sheets input and 100 sheets output		
12	Std Paper Trays	Two		
13	Network & WiFi	Hi speed USB 2.0, fast ethernet 10/100 Base – TX, Dual Band (2.4/5.0GHz) Wireless		
14	Standard Operating System	Windows, MAC, Linux (specific flavour/version)		
15	Duplex printing Capability	Built-in Automatic as Standard feature		
16	Power Consumption	260 Watts (Active)		
17	Duty Cycle	20,000 Pages or higher per month and 5 Lakhs pages for five years		
18	Black Cartridge Yield	1100 pages Starter, 2400 pages Full		
	Additional Information			
19	Energy Star Compliant	Yes		
20	RoHS Compliant	Yes		
21	Warranty	5 Years onsite OEM Warranty		

7. **Laser Color Printer**

Sl. No.	Features	Specifications	Complied (Y/N)	Deviations (If Any)
1	Make & Model	(Specify)		
2	Functions	A4 SIZE LASER PRINTER		
3	Type	Mono Laser Printer		
4	Resolution	600 x 600 dpi (1200 X 1200 dpi effective)		
5	Speed	18 ppm or higher in case of Mono 4 ppm or higher in case of color		
6	Memory	64 MB or higher		
7	Processor Speed	400 MHz or Higher		
8	Languages	UFR II LT or equivalent		
9	Paper Handling	150 sheets input and 100 sheets output		
10	Standard Operating System	Windows, MAC, Linux (specific flavor/version)		
11	Duplex printing Capability	Manual		
12	Power Consumption	320 Watts (Active)		
13	Duty Cycle	20000 Pages per month and 5 Lakhs pages for 5 Years		
14	Connectivity	USB 2.0, Network 10/100, WiFi		
15	**Additional Information**			

16	Energy Star Compliant	Yes		
17	RoHS Compliant	Yes		
18	Warranty	5 Years onsite OEM Warranty		

8. Duplex Scanner

Sl. No.	Features	Specifications	Complied (Y/N)	Deviations (If Any)
1	Make & Model	(Specify)		
2	Daily Duty Cycle	Min 3500 pages or more per day and 5 Lakhs pages for 5 Years		
	TECHNOLOGY			
3	Scanner Technology	CIS (Contact Image Sensor)		
4	Light Source	LED		
5	Scan Mode	Simplex / Duplex / Skip blank page / Folio (for A3 doc)		
6	PAPER HANDLING (ADF)			
7	ADF	Standard		
8	Capacity	Min 50 sheets (A4/Legal etc)		
9	Minimum Original Size (W X L)	min 54 mm X 50.8 mm		
10	Maximum Original Size (W X L)	min 216 mm x 356 mm, upto 3000 mm in long mode		
11	Paper Weights (Plain Paper / Document)	min 40 - 157 gsm through straight paper path		
12	SPEED (PORTRAIT, A4, 200 DPI)			
	Black			
13	Simplex	35 ppm or more		
14	Duplex	70 ipm or more		
	Color			
15	Simplex	min 25 ppm or more		
16	Duplex	min 50 ipm or more		
	RESOLUTION			
17	Black	75 x 75, 150 x 150, 200 x 200, 300 x 300, 400 x 400, 600 x 600, 1200 x 1200 dpi		
18	Color	75 x 75, 150 x 150, 200 x 200, 300 x 300, 400 x 400, 600 x 600, 1200 x 1200 dpi		
19	Color Output Bit Depth	min 24 bit		
	INTERFACES/ SOFTWARE/ DRIVERS/ COMPATIBILITY			
20	Standard Interfaces	USB 3.0		
21	OS Support	Citrix, Linux, Windows, macOS/OS X		
22	Drivers	ISIS, TWAIN		

23	Additional Features	Auto-color detect, auto-crop, auto-exposure, auto orient, OCR, zonal OCR, zonal barcode, edge removal, background cleanup, remove hole, color drop out		
24	Scan File Format	Searchable PDF, JPEG, PNG, BMP, TIFF, Text (.txt), Rich Text (rtf)		
	Additional Information			
25	Max Power Consumption	16 W		
26	Energy Star Compliant	Yes		
27	RoHS Compliant	Yes		
28	Optional Accessory			
29	Flatbed unit (Legal Size)	Flatbed unit to scan up to legal size Documents		
30	Warranty	5 Years onsite OEM Warranty		

9. Network Switch 8 Port

SI No.	Features	Specification	Complied (Y/N)	Deviations (If Any)
1	Make & Model	(Specify)		
2	Network Ports	The Switch should have minimum 8 X 10/100/1000 Mbps Ports		
		It should have 2 x 1G SFP uplink ports		
3	Standard Compliance	IEEE 802.3 10 Base T Ethernet		
		IEEE 802.3u 100 Base TX Fast Ethernet		
		IEEE/ANSI 802.3 Auto Negotiation		
		IEEE 802.3x Full duplex Flow Control		
4	Feature Support	802.1q VLAN, SNMP(v1,v2,v3), Access Control list, 802.1x, DHCP snooping, QOS, CoS, Port mirroring, LACP, IGMP snooping, Auto-voice VLAN, SCP, TFTP, LLDP/LLDP-MED, ARP Attack prevention, RMON, SSL, STP, RSTP, MSTP, Loop protection and Static Routing and TPM based security, RMON, RADIUS/TACACS		
5	Performance	Switching Capacity: 20 Gbps		
		MAC Address Database 8K		

6	Power Supply	100V-240V AC		
7	Operating Temp	0-40 Degree		
8	Warranty	5 years OEM Warranty		

10. **Network Switch 24 Port**

SI No.	Features	Specification	Complied (Y/N)	Deviations (If Any)
1	Make & Model	(Specify)		
2	Network Ports	The Switch should have minimum 24 X 10/100/1000 Mbps Ports		
		It should have 4x1/10G SFP+ uplink ports		
3	Standard Compliance	IEEE 802.3 10 Base T Ethernet		
		IEEE 802.3u 100 Base TX Fast Ethernet		
		IEEE/ANSI 802.3 Auto Negotiation		
		IEEE 802.3x Full duplex Flow Control		
4	Feature Support	802.1q VLAN, SNMP(v1,v2,v3), Access Control list, 802.1x, DHCP snooping, QOS, CoS, Port mirroring, LACP, IGMP snooping, Auto-voice VLAN, SCP, TFTP, LLDP/LLDP-MED, ARP Attack prevention, RMON, SSL, STP, RSTP, MSTP, Loop protection and Static Routing and TPM based security, RMON, RADIUS/TACACS		
5	Performance	Switching Capacity: 128 Gbps		
		MAC Address Database 16K		
6	Power Supply	100V-240V AC		
7	Operating Temp	0-40 Degree		
8	Warranty	5 years onsite OEM Warranty		

11. **Web-camera**

SI No	Features	Specification	Complied (Y/N)	Deviation (If Any)
1.	Make & Model	(Specify)		
2.	Image Sensor	High quality ¼" CMOS sensor		
3.	Max. Video Resolution	1920 x 1080 pixels		
4.	Max. Image Resolution	5500 x 3640 pixels		
5.	Frame Rates	30 frames per second		
6.	Focus	5 cm to Infinity		

7.	Microphone	Built-in high sensitive USB microphone		
8.	White Balance	YES		
9.	Auto Exposure	YES		
10.	Auto Compensation	YES		
11.	OS Compatibility	Windows, Mac, Linux		
12.	Sensor resolution	480K pixels		
13.	Lens	High quality 5G wide angle lens		
14.	LED (Optional)	LEDs for night vision(optional), with brightness controller		
15.	Video Format	24-Bit True Color		
16.	Power Supply	USB bus powered		
17.	Warranty	5 Years Onsite OEM Warranty		

12. **Stabilizer 5 KVA**

Specifications for Stabilizer 5 KVA		Complied (Y/N)	Deviations (If Any)
Capacity	5 KVA Motor Operated line voltage corrector		
General Technology	Variac with Buck-Boost Transformer/ Mosfet		
Operating Env	Temp. 0-45 0C, Humidity Up to 95% non-condensing.		
AC Input Voltage	230V AC single phase.		
Voltage Range	90V AC to 280V AC		
Frequency Range	50 ± 3% Hz.		
Display Panel	Input/ output/ overload		
Protection Features	Over/under voltage/ over load cutoff. Short circuit protection. Output protection through MCB.		
Warranty	5 Years onsite OEM Warranty		

13. **Stabilizer 7 KVA**

Specifications for Stabilizer 7 KVA		Complied (Y/N)	Deviations (If Any)
Capacity	7 KVA S Motor Operated line voltage corrector		
General Technology	Variac with Buck-Boost Transformer/ Mosfet		
Operating Env	Temp. 0-45 0C, Humidity Up to 95% non-condensing.		
AC Input Voltage	230V AC single phase.		
Voltage Range	90V AC to 280V AC		
Frequency Range	50 ± 3% Hz.		
Display Panel	Input/ output/ overload		
Protection Features	Over /under voltage/ over load cutoff. Short circuit protection. Output protection through MCB.		
Warranty	5 Years of onsite OEM Warranty		

14. **Antivirus with End Point Security**

Specifications for Antivirus		Complied (Y/N)	Deviations (If Any)
Antivirus with 5 Years Subscription	Endpoint Security Server with 605 clients (Server Management Console with 5 years of subscription and support)		

15. **Fire Extinguisher:**

SI. No.	Component	Description	Complied (Y/N)	Deviations (If Any)
1	Make & Model	(Specify)		
2	Type	ABC Dry Powder		
3	Capacity	2 KG		
4	Extinguishing Media	Powder comply with IS 15683		
5	Propellant	Nitrogen		
6	Discharge Method	Storage Pressure		
7	Working Pressure	Min. 15 KGF/CM²		
8	Hydro Pressure	Min. 35 KGF/CM²		
9	Bursting Pressure	Min. 55 KGF/CM²		

SI. No.	Component	Description		
10	Operating Temperature	-30⁰ to + 60⁰		
11	Minimum effective discharge time	Min. 8 Seconds		
12	Maximum Period to Discharge atleast 90% of Contents	Max. 16 Seconds		
13	Bulk range of discharge	Min. 3 Meters		
14	Empty Weight	Less than 2.5 Kg		
15	Full Weight	Less than 4.5 Kg		
16	Fire Rating	1A, 8B		
17	Warranty	5 Years OEM Warranty		

16. Online Inverter with UPS Mode – 3 KVA

SI. No.	Component	Description	Complied (Y/N)	Deviations (If Any)
1	Make & Model	(Specify)		
2	Input Voltage	100 – 285 V		
3	Input Frequency	40 – 70 Hz		
4	Input Power factor	0.98		
5	Input Protection	Circuit Breaker		
6	Output Capacity	3000 VA / 2400 W		
7	Nominal Output Voltage	230 V		
8	Efficiency at Full Load	Above 90%		
9	Waveform	Sine Wave		
10	Bypass Type	Internal Bypass (Automatic & Manual), self Powered		
11	Supported Battery Type	SMF		
12	Charger Power / Current	1000 W / 13 A (Max)		
13	Operating Temperature	0 – 50°C		
14	Storage Temperature	- 15⁰ to 60 º C		
15	Humidity	0 to 95% RH, non-condensing		
16	Weight without Packing	Less than 12.5 Kg		
17	Weight with Packing	Less than 15.5 kg		
18	Warranty	5 Years onsite OEM Warranty		

17. Online Inverter with UPS Mode – 5 KVA

SI. No.	Component	Description	Complied (Y/N)	Deviations (If Any)
1	Make & Model	(Specify)		
2	Input Voltage	100 – 285 V		
3	Input Frequency	40 – 70 Hz		
4	Input Power factor	0.98		
5	Input Protection	Circuit Breaker		
6	Output Capacity	5000 VA / 4500 W		
7	Nominal Output Voltage	230 V		
8	Efficiency at Full Load	Above 90%		
9	Waveform	Sinewave		
10	Bypass Type	Internal static Bypass		

		(Automatic & Manual)		
11	Supported Battery Type	SMF		
12	Charger Power / Current	1500 W / 6.5 A (Max)		
13	Operating Temperature	0 – 50°C		
14	Storage Temperature	- 15º to 60 º C		
15	Humidity	0 to 95% RH, non-condensing		
16	Weight without Packing	Less than 20.0 Kg		
17	Weight with Packing	Less than 25.0 kg		
18	Warranty	5 Years onsite OEM Warranty		

18. Software Requirement

S.N	PROPRIETORY SOFTWARE	Complied (Y/N)	Deviations (If Any)
1.	Microsoft Visual Studio Pro 2022		

IT HARDWARE & PERIPHERALS PROCUREMENT FOR DATA CENTRE

1. Software Requirement

SL No	PROPRIETORY SOFTWARE	mplied (Y/N)	eviations (If Any)
1	Microsoft Windows 2022 Server 64 bit enterprise edition		

2. NETWORK SWITCH (L-3 MANAGED)

Sl. No.	Component	Description	Complied (Y/N)	Deviations (If Any)
1	Make & Model	(Specify)		
2	Architecture	Shall be 19" Rack Mountable		
		The switch should support two field-replaceable and hot- swappable power supply loaded from day one.		
		Should have minimum 8GB SDRAM and 16 GB flash and 8 MB Packet buffer size		
		The Switch should support minimum 32000 MAC address		
		The switch should have minimum 60,000 Ipv4 Unicast Routes ,60K Ipv6 Unicast Routes ,8K Ipv4 Multicast Routes,8K Ipv6 Multicast Routes,8K Igmp Groups ,4K Mld Groups 4,000 ,Ipv4/Ipv6/MAC ACL Entries (Ingress) 5000/1250/5000 and Ipv4/Ipv6/MAC ACL Entries (Egress) 1000/5000/5000		
		The should have 24x 1G/10G SFP+ ports 4x 1G/10G/25G ports ,1x Console Port,1x OOBM port		
		The switch should have minimum 680 Gbps of Switching Capacity and 500 Mpps Throughput Capacity		
3	IPv6 Feature	IPv6 host enables switches to be managed in an IPv6 network		
		Dual stack (IPv4 and IPv6) transitions from IPv4 to IPv6, supporting connectivity for both protocols		
		MLD snooping forwards IPv6 multicast traffic to the appropriate interface		
		IPv6 ACL/QoS supports ACL and QoS for IPv6 network traffic		
		IPv6 routing supports Static and OSPFv3 protocols		
		RA guard, DHCPv6 protection, dynamic IPv6 lockdown, and ND snooping		
4	High Availability & Resiliency	The switch should support front plane stacking on uplink port or Backplane stacking and should have Stacking Performance of minimum 200 Gbps. The switch should support minimum 8 switch in stack		
		The Switch should support Bidirectional Forward Detection (BFD) to enable sub-second failure detection for rapid routing protocol re-balancing		
		The Switch should support Virtual Router Redundancy Protocol (VRRP) to allow groups of		

		two routers to dynamically create highly available routed environments in IPV4 and IPV6 networks		
		The Switch should support Uni-directional Link Detection (UDLD) to monitor link connectivity and shut down ports at both ends if uni- directional traffic is detected, preventing loops in STP- based networks		
		The Switch should support IEEE 802.3ad LACP supports up to 128 LAGs, each with up to 8 links per LAG and provide support for static or dynamic groups and a user-selectable hashing algorithm		
		The Switch should support IEEE 802.1s Multiple Spanning Tree provides high link availability in VLAN environments where multiple spanning trees are required and legacy support for IEEE 802.1d and IEEE 802.1w		
		The Switch should support IEEE 802.3ad link-aggregation-control protocol (LACP) and port trunking supports static and dynamic trunks where each trunk supports up to eight links (ports) per static trunk		
5	Management	The Switch should support Built-in programmable and easy to use REST API interface		
		The Switch should have Scalable ASIC-based wire speed network monitoring and accounting with no impact on network performance.		
		The Switch should support Industry-standard CLI with a hierarchical structure		
		The Switch should support Management security restricts access to critical configuration commands, provides multiple privilege levels with password protection, and local and remote syslog capabilities allow logging of all access		
		The Switch should support SNMP v2c/v3 provides SNMP read and trap support of industry standard Management Information Base (MIB), and private extensions sFlow (RFC 3176)		
		The Switch should support TFTP and SFTP support offers different mechanisms for configuration updates;		
		The Switch should support Network Time Protocol (NTP) synchronizes timekeeping among distributed time servers and clients		
		The Switch should support IEEE 802.1AB Link Layer Discovery Protocol (LLDP) advertises and receives management information from adjacent devices on a network, facilitating easy mapping by network management applications		
		The Switch should support Dual flash images provides independent primary and secondary operating system files for backup while upgrading		
		The Switch should support Multiple configuration files which can be stored to a flash image		
		The Switch should support Ingress and egress port monitoring enable more efficient network problem solving		
		The Switch should support Unidirectional link detection (UDLD) monitors the link between two switches and blocks the ports on both ends of the link if the link goes down at any point between the		

		two devices		
		The Switch should support IP SLA for Voice monitors quality of voice traffic using the UDP Jitter and UDP Jitter for VoIP tests		
6	Multicast	The Switch should support Multicast Listener Discovery (MLD) enables discovery of IPv6 multicast listeners; supports MLD v1 and v2		
		The Switch should support Protocol Independent Multicast (PIM) defines modes of IPv4 and IPv6 multicasting to allow one-to-many and many-to-many transmission of information and support PIM Sparse Mode (SM) and Dense Mode (DM) for both IPv4 and IPv6		
		The Switch should support Internet Group Management Protocol (IGMP) and Any-Source Multicast (ASM) to manage IPv4 multicast networks; supports IGMPv1, v2, and v3		
		The Switch should support Multicast Service Discovery Protocol (MSDP) to efficiently routes multicast traffic through core networks		
7	Layer-2 Switching	The Switch should support VLAN and tagging for IEEE 802.1Q (4094 VLAN IDs)		
		The Switch should support Jumbo packet to improves the performance of large data transfers and support frame size of up to 9198 bytes		
		The Switch should support IEEE 802.1v protocol VLANs to isolate select non-IPv4 protocols automatically into their own VLANs		
		The Switch should support Rapid Per-VLAN Spanning Tree (RPVST+) to allow each VLAN to build a separate spanning tree to improve link bandwidth usage.		
		The Switch should support MVRP to allow automatic learning and dynamic assignment of VLANs		
		The Switch should support VXLAN encapsulation (tunnelling) protocol for overlay network that enables a more scalable virtual network deployment		
		The Switch should support Bridge Protocol Data Unit (BPDU) tunnelling to Transmits STP BPDUs transparently		
		The Switch should support Port mirroring duplicates port traffic (ingress and egress) to a monitoring port; and support minimum 4 mirroring groups		
		The Switch should support STP supports standard IEEE 802.1D STP, IEEE 802.1w Rapid Spanning Tree Protocol (RSTP) for faster convergence, and IEEE 802.1s Multiple Spanning Tree Protocol (MSTP)		
8	Layer-3 Routing	The Switch should support Border Gateway Protocol (BGP) provides IPv4 and IPv6 routing.		
		The Switch should support Equal-Cost Multipath (ECMP) enables multiple equal-cost links in a routing environment to increase link redundancy and scale bandwidth		
		The Switch should support Multi-protocol BGP (MP-BGP) enables sharing of IPv6 routes using BGP and connections to BGP peers using IPv6		

		The Switch should support Open shortest path first (OSPF) delivers faster convergence.		
		The Switch should support OSPFv2 for IPv4 routing and OSPFv3 for IPv6 routing		
		The Switch should support Static IP routing provides manually configured routing		
		The Switch should support Policy-based routing and usesa classifier to select traffic that can be forwarded based on policy set by the network administrator		
		The Switch should support Static IPv4 and IPv6 routing to provide simple manually configured IPv4 and IPv6 routes		
		The Switch should support Dual IP stack to maintain separate stacks for IPv4 and IPv6 to ease the transition from an IPv4-only network to an IPv6-only network design		
9	Convergence	The Switch should support IP multicast routing includes PIM Sparse and Dense modes to route IP multicast traffic		
		The Switch should support IP multicast snooping (data-driven IGMP) to prevent flooding of IP multicast traffic		
		The Switch should support Protocol Independent Multicast for IPv6 and support one-to- many and many-to-many media casting use cases such as IPTV over IPv6 networks		
		The Switch should support Auto VLAN configuration for voice RADIUS VLAN uses a standard RADIUS attribute and LLDP-MED to automatically configure a VLAN for IP phones		
10	Security	The Switch should support integrated trusted platform module (TPM) for platform integrity. This ensure the boot process started from a trusted combination of switches.		
		The Switch should support Access control list (ACL) support for both IPv4 and IPv6 to allow for filtering traffic to prevent unauthorized users from accessing the network, or for controlling network traffic to save resources. rules can either deny or permit traffic to be forwarded. rules can be based on a Layer 2 header or a Layer 3 protocol header		
		The Switch should support ACLs filtering based on the IP field, source/ destination IP address/subnet, and source/ destination TCP/UDP port number on a per-VLAN or per-port basis		
		The Switch should support Terminal Access Controller Access-Control System (TACACS+) delivers an authentication tool using TCP with encryption of the full authentication request to provide additional security		
		The Switch should support Control Plane Policing sets rate limit on control protocols to protect CPU overload from DOS attacks		
		The Switch should support multiple user authentication methods. Uses an IEEE 802.1X supplicant on the client in conjunction with a RADIUS server to authenticate in accordance with industry standards		
		The Switch should support Web-based		

		authentication provides a browser-based environment, similar to IEEE 802.1X, to authenticate clients that do not support IEEE 802.1X		
		The Switch should support MAC-based client authentication		
		The Switch should support Concurrent IEEE 802.1X, Web, and MAC authentication schemes per switch port accepts up to 32 sessions of IEEE 802.1X, Web, and MAC authentications		
		The Switch should support DHCP protection blocks DHCP packets from unauthorized DHCP servers, preventing denial-of-service attacks		
		The Switch should support Secure management access delivers secure encryption of all access methods (CLI, GUI, or MIB) through SSHv2, SSL, and/or SNMPv3		
		The Switch should support Switch CPU protection to provide automatic protection against malicious network traffic trying to shut down the switch		
		The Switch should support Identity-driven ACL to enable implementation of a highly granular and flexible access security policy and VLAN assignment specific to each authenticated network user		
		The Switch should support STP BPDU port protection to block Bridge Protocol Data Units (BPDUs) on ports that do not require BPDUs, preventing forged BPDU attacks		
		The Switch should support Dynamic IP lockdown with DHCP protection to block traffic from unauthorized hosts, preventing IP source address spoofing		
		The Switch should support Dynamic ARP protection to blocks ARP broadcasts from unauthorized hosts, preventing eavesdropping or theft of network data		
		The Switch should support STP root guard to protects the root bridge from malicious attacks or configuration mistakes		
		The Switch should support Port security to allow access only to specified MAC addresses, which can be learned or specified by the administrator		
		The Switch should support MAC address lockout to prevent particular configured MAC addresses from connecting to the network		
		The Switch should support Source-port filtering or equivalent to allow only specified ports to communicate with each other		
		The Switch should support Secure shell to encrypt all transmitted data for secure remote CLI access over IP networks		
		The Switch should support Secure Sockets Layer (SSL) to encrypts all HTTP traffic, allowing secure access to the browser-based management GUI in the switch		
		The Switch should support Secure FTP to allow secure file transfer to and from the switch and protect against unwanted file downloads or unauthorized copying of a switch configuration file		

Sl. No.	Features	Description	Complied (Y/N)	Deviations (If Any)
		The Switch should support Critical Authentication Role to ensure that important infrastructure devices such as IP phones are allowed network access even in the absence of a RADIUS server		
		The Switch should support Management Interface Wizard to help secure management interfaces such as SNMP, telnet/SSH, SSL, Web.		
		The Switch should support Security banner displays a customized security policy when users log in to the switch		
		The Switch should support Green initiative for RoHS (EN 50581:2012) and WEEE regulations		
11	Certification	EN 60950-1, EC 60950-1,EN 61000,EN 60825		
12	Warranty	5 Years Onsite OEM Warranty		

3. ROUTER

Sl. No.	Features	Description	Complied (Y/N)	Deviations (If Any)
1	Make & Model	(Specify)		
2	Type of Router	WAN		
3	No. of Gigabit Ethernet (10/100/1000 Base-T) Interface Ports (WAN)	Min. 2		
4	No. 1G SFP Slot (Fiber)	Min. 4		
5	Number of Gigabit Ethernet (10/100/1000 Base-T) LAN Ports	Min. 2		
6	Ethernet LAN PORT	Non PoE		
7	Packet forwarding rate (MPPS)	15 Mpps		
8	Aggregated Throughput	4 Gbps		
9	Support for Redundant Power Supply	Must be Available		
10	No. of Free Slots (High density)	Min. 2		
11	Routing Protocols from day-1	Static, PBR, OSPF(v2 & v3), BGP, BGP4, MPLS, MPLS L3/L2 VPN, VPLS, 200K entries (IPv4), 200K entries (IPv6)		
12	IPsec Encryption	ADVPN, DES, AES, 3DES, IKE IPSec VPN, 2000 IPSec VPN tunnel and 2Gbps IPsec throughput		
13	Security Protocol	ACL, 802.1x, RADIUS/ TACACS, Zone base firewall, NAT-PT, PPPoE, ICMP/ ICMPv6		
14	Support for QoS	Must be Available		
14	Operating Temperature Range (Deg C)	0 to 45		
15	Operating Humidity (RH) (%)	5 to 95		

| 16 | IPv6 Support | Should be IPv6 implementation ready from day One. | | |
| 17 | Warranty | 5 years Onsite OEM warranty | | |

4. SERVERS:

Sl. No.	Component	Description	Complied (Y/N)	Deviations (If Any)
1	Make & Model	(Specify)		
2	CPU	Dual latest generation Intel Xeon Gold (16-core /2.9GHz or higher processor.)		
		It should allow to disable any number of cores of the offered processor on a per-processor basis.		
		64-bit x86 processor fully binary compatible to 64/32-bit applications. Number of cores on a single die/socket will be treated as a single processor.		
3	Memory	32DIMM slots.		
		Minimum 1024GB latest DDR4 memory using 32GB DIMMs or higher and should be scalable up to 2048GB.		
		Advanced ECC with multi-bit error protection.		
4	HDD	2 x 960GB Read-Intensive SSD Hot Swap or Higher		
5	HDD Controller	12 Gbps SAS/NVMe RAID Controller supporting minimum RAID 0 and 1 with minimum 1GB battery backed up Cache		
6	Video Controller	Integrated Graphics controller		
7	Network Controller	Dual ported 50Gb Converged network Adaptor. Should support partitioning up to separated physical functions such as 1 x FC, 1 x iSCSI and multiple Ethernet ports.		
8	FC HBA	Should be capable of supporting 32 Gbps Dual port Fiber Channel HBA internal to the Server Blade.		
9	Bus Slots	Minimum of 3 Nos of x16 PCIe 4.0 based mezzanine slots supporting Converged Ethernet, Ethernet, FC adapters and SAS adaptors.		
10	Ports	1 * external USB 3.0. Server shall have dedicated Ethernet Port for OS independent out-of-band hardware management.		
11	OS Certification	Certification for latest Server version of Windows and Linux.		

12	Virtualization	Should support Industry Standard Virtualization Software		
13	Driver/Software Utilities	All required device drivers for OS installation /System Configuration and Server Management		
14	System Management	Monitoring ongoing management, service alerting, reporting and remote management with embedded dedicated Gigabit out of band management port. Remote Management of Server over LAN & WAN with SSL encryption, Virtual Media, and virtual folder with required advanced license, Remote KVM, Server Health logging, Directory Services compliance (AD or LDAP), REST/XML API, Configuration backup, Syslog (local / remote).		
		Management software should support integration with popular virtualization platform management software like vCenter, SCVMM, and Red Hat RHEV.		
		Offered Server platform must be ready for container workload deployment		
		The Server Management Software should be of the same brand as of the server OEM.		
15	Security	UEFI Secure Boot and Secure Start support		
		Security feature to ensure servers do not execute compromised firmware code		
		Tamper-free updates - components digitally signed and verified		
		Secure Recovery - recover critical firmware to known good state on detection of compromised firmware and with the ability to rollback firmware		
		TPM (Trusted Platform Module) 2.0		
		Security Dashboard for Server to detect possible security vulnerabilities.		
		Should provide silicon-based hardware root of trust, automatic secure BIOS recovery, cryptographically signed firmware updates.		
16	Serviceability	System should support embedded remote support to transmit hardware events support. The server should support monitoring and recording changes in the server hardware and system configuration. It assists in diagnosing problems and delivering rapid resolution when system failures occur. Should provide remote firmware update functionality.		
		Should help provide proactive notification of actual or impending component failure alerts on critical components like CPU, Memory and HDD		
		Solution should be provided for monitoring & analysis feature to predict, prevent and auto-resolve problems and by providing automating case creation and log file submission for the		

		problems that can't be auto-resolved.		
		System should support RESTful API integration		
		System should support embedded remote support to transmit hardware events directly to OEM or an authorized partner for automated phone home support		
		System should provide firmware upgrade and patch upgrade recommendations proactively.		
		System should help in automatic support case creation with OEM.		
17	IDC ranking	OEM should be ranked within top 3 as per IDC report for any one of the previous four quarter in India for server.		
18	Warranty	Five years on-site comprehensive OEM Warranty Support with 24x7 coverage and access to OEM TAC/support		
19	IPv6 support	All devices should be IPv6 implementation ready from day One. No extra cost will be borne by R&DM Department / IGR / OCAC for IPv6 implementation.		
20	Warranty	5 years Onsite OEM Warranty		

5. BLADE CHASSIS

SI. No.	Component	Description	Complied (Y/N)	Deviations (If Any)
1	Make & Model	(Specify)		
2	Solution Requirement	Proposed solution should support provisioning virtual, physical and container infrastructure from pools of compute, storage and networking resources		
		Solution should have single console provisioning for compute, storage and server-side network configuration with choice of direct attach storage (DAS), iSCSI and FC SAN should be available		
		Solution should support API to integrate into popular management tools such as Microsoft Systems Center, VMWare vCenter and into open-source automation for DevOps tools such as Chef, Docker and OpenStack.		
		Solution should support software defined templates to quickly make changes to the infrastructure. Template should include server BIOS, firmware, boot order, RAID, storage configs and network config of the infrastructure required for workload.		
		Blade chassis solution should support Internal and external storage provisioning: Local/zoned direct attached storage (DAS), software-defined storage (SDS) and storage area networks (SAN). Should support SAN storage management compatibility for switched fabric, direct attached, or vSAN topologies.		
		Blade chassis solution should support Boot-from-SAN for Fibre Channel (FC), Fibre Channel over Ethernet (FCoE), and iSCSI storage		
		Blade Chassis solution should offer collaborative user interface which support logical resources to physical resources mapping, Smart Search, Activity Log, HTML5 mobile access, and Customizable Dashboard		

		Blade chassis solution should support all the Latest Intel Xeon processors based 2 CPU and 4 CPU blades and storage Blades		
3	Form factor and Technology	Blade chassis solution to be offered for housing of a minimum of 24 units of Dual-CPU blade servers. Offered blade chassis solution shall be from the latest generation.		
		Offered Blade chassis should provide connectivity of the shared resources (network modules, management networks etc.) to the compute blades and offered blade chassis architecture should have no- single-point-of-failure design.		
		Redundant management network connection in the offered chassis for complete management of all the active modules in the chassis		
		Management software for the maximum config with perpetual license. The management software should be from the same OEM.		
		Built-in redundant management modules solution providing single management point for server, storage and networking for both single chassis & multi-chassis environment		
		Offered blade chassis shall have minimum six I/O module slots to support 3+3 redundancy.		
		Blade chassis should provide display port and USB port to connect Laptop/Monitor locally		
		Shall have integrated KVM solution		
4	System Panel	LEDs or LCDs on the chassis can be used to obtain the status of the chassis connection and health.		
5	Reporting	Should support reporting capabilities for: (a) asset and inventory information for the devices in the enclosures, (b) thermal and power information, including real-time actual power usage per server and per enclosure. Reports should be exportable to csv or Microsoft Excel format		
6	I/O Module	Redundant I/O modules/switches shall be integrated within the chassis such that uplinks from the chassis can be directly connected to core LAN/SAN switches		
		I/O module should support 50Gbps downlink to each of the Server Blades in redundancy supporting carving of each port into at least eight ports.		
		Should support to choose Ethernet and FC uplinks as needed		
		Should support Multi-module link aggregation (MLAG) for resiliency against interconnect failure		
		Server to Server communication should be in 1:1 non-blocking		
		Each I/O module should have minimum 8 x 32Gbps active external FC ports, 8 x 10Gbps active SFP+ ports, and 2 x 100Gbps QSFP28 ports using transceivers/DACs.		
		Required cables/ connectors/ mounting-kits/chassis-interconnect - kits shall be included. Minimum cable length required: 5 meters for all patch cords.		
7	Power & Cooling	Blade chassis should be populated fully with power supplies of the highest capacity available with the vendor. Power supplies should support N+N as well as N+1 redundancy configuration, where N is greater than 1. Should offer a single-phase power subsystem enabled with technologies for lower power		

		consumption and offering Platinum energy efficiency.		
		Blade chassis should have a cooling subsystem consisting of redundant hot pluggable fans or blowers enabled with technologies for improved power consumption and acoustics.		
8	Driver/Software Utilities	All required device drivers for OS installation /System Configuration and Server Management		
9	System Management	Monitoring ongoing management, service alerting, reporting and remote management with embedded dedicated Gigabit out of band management port. Remote Management of Chassis over LAN & WAN with SSL encryption.		
		Blade chassis Management Software should be of the same brand as of the server OEM.		
10	Serviceability	System should support embedded remote support to transmit hardware events support. The server should support monitoring and recording changes in the server hardware and system configuration. It assists in diagnosing problems and delivering rapid resolution when system failures occur. Should provide remote firmware update functionality.		
		Solution should be provided for monitoring & analysis feature to predict, prevent and auto-resolve problems and by providing automating case creation and log file submission for the problems that can't be auto-resolved.		
		System should support RESTful API integration		
		System should support embedded remote support to transmit hardware events directly to OEM or an authorized partner for automated phone home support		
		System should provide firmware upgrade and patch upgrade recommendations proactively.		
		System should help in automatic support case creation with OEM.		
11	IDC ranking	OEM should be ranked within top 3 as per IDC report for any one of the previous four quarter in India for server.		
12	Warranty	Five years on-site comprehensive OEM Warranty Support with 24x7 coverage and access to OEM TAC/support		
13	IPv6 support	All devices should be IPv6 implementation ready from day One. No extra cost will be borne by R&DM Department / IGR / OCAC for IPv6 implementation.		
14	Warranty	5 years Onsite OEM Warranty		

6. **Blade Console:**

Sl. No.	Specification	Complied (Y/N)	Deviations (If Any)
A	Slide- away LED Console		
1	Should be integrated 17 inch or higher LED panel/monitor, full keyboard, and touchpad in a Slide away housing		
2	The Slide away housing should be rack mountable 1U with top and bottom clearance for smooth operation.		
3	The LCD module rotates up to 115 degrees for a more comfortable viewing		

4	Support high video resolution: up to 1280 x 1024 @75Hz		
5	Supports DDC, DDC2, DDC2B		
6	Compatible with most KVM Switches		
7	5 Years Onsite OEM Warranty		

11.6.   Form 5: OEM Authorization Letter

To,

    The   General   Manager   (Admin)
    Odisha Computer Application Centre
    Plot No. - N-1/7-D, Acharya Vihar
    P.O.- RRL, Bhubaneswar - 751013
    EPBX: 0674-2567280/2567064/2567295
    Fax: +91-0674-2567842

Subject: OEM   Authorization

Madam,

Ref: Your Tender Ref No : OCAC-SEGP-INFRA-0001-2022-22022

We, who are established and reputable manufacturers / producers of_____ _____having factories / development facilities at (*address of factory / facility)* do hereby authorize M/s_____*(Name and address of Agent)* to submit a Bid, and sign the contract with you against the above Bid Invitation.

We hereby extend our full guarantee and warranty for the Solution, Products and services offered by the above firm against this Bid Invitation.

We also undertake to provide any or all of the following materials, notifications, and information pertaining to the Products manufactured or distributed by the Supplier:

  a. Such Products as OCAC may opt to purchase from the Supplier, provided, that this option shall not relieve the Supplier of any warranty obligations under the Contract; and
  b. in the event of termination of production of such Products:

    i.   Advance notification to OCAC of the pending termination, in sufficient time to permit to procure needed requirements; and

.

    ii. Following such termination, furnishing at no cost to OCAC, the blueprints, design documents, operations manuals, standards, source codes and specifications of the Products, if requested

  We duly authorize the said firm to act on our behalf in fulfilling all installations, Technical support and maintenance obligations required by the contract.

Yours faithfully,

(Name)

(Name of Producers)

Note: This letter of authority should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to bind the manufacturer. The Bidder in its Bid should include it.

11.7.   Form 6: Letter of Proposal

To,

The General Manager (Admin)
Odisha Computer Application Centre
Plot No. - N-1/7-D, Acharya Vihar
P.O.- RRL, Bhubaneswar - 751013
EPBX: 0674-2567280/2567064/2567295
Fax: +91-0674-2567842

Subject: Submission of the Technical bid for Tender For Supply, Installation and Commissioning of IT Hardware & peripherals for e-Registration Project

Dear Madam,

We, the undersigned, offer to provide Hardware supply & related services to OCAC on with your tender ref no. OCAC-SEGP-INFRA-0001-2022-22022 and our Proposal. We are hereby submitting our Proposal, which includes this Technical bid and the Financial Bid uploaded on the eNivida portal (www.enivida.odisha.gov.in).

We hereby declare that all the information and statements made in this Technical bid are true and accept that any misinterpretation contained in it may lead to our disqualification.

We undertake, if our Proposal is accepted, to initiate the Implementation services related to the assignment not later than the date indicated in Fact Sheet.

We agree to abide by all the terms and conditions of the tender document. We would hold the terms of our bid valid for 180 days as stipulated in the tender document.

We understand you are not bound to accept any Proposal you receive.

Yours sincerely,

Authorized Signature [*In full and initials*]:

Name and Title of Signatory:

Name of Firm:

Address:

Location: Date:

11.8. Form 7: Undertaking on Authenticity of IT Hardware and peripherals

(To be filled by the bidder (On Rs. 100/- Non-judicial stamp paper)

To

The General Manager (Admin)
Odisha Computer Application Centre
Plot No. - N-1/7-D, Acharya Vihar
P.O. - RRL, Bhubaneswar - 751013
EPBX: 0674-
2567280/2567064/2567295 Fax: +91-
0674-2567842

Tender Reference: OCAC-SEGP-INFRA-0001-2022-22022

Madam

This has reference to the items being supplied/ quoted to you vide our bid ref. no. OCAC-SEGP-INFRA-0001-2022-22022, we hereby undertake that all the components/ parts/ assembly/ software used in the equipment shall be genuine, original and new components /parts/ assembly/ software from respective OEMs of the products and that no refurbished/ duplicate/ second hand components/ parts/ assembly/ software are being used or shall be used. In respect of licensed operating system, we undertake that the same shall be supplied along with the authorized license certificate with our name/logo. Also, that it shall be sourced from the authorized source for use in India.

In case, we are found not complying with above at the time of delivery or during installation, for the equipment already billed, we agree to take back the equipment already supplied at our cost and return any amount paid to us by you in this regard and that you will have the right to forfeit our EMD/PBG for this bid or debar/ black list us or take suitable action against us.

Authorized Signatory
Name: Designation:

Note: The signing Authority should be not lower than Company Secretary of the OEM

11.9. Form 8: Delivery Locations & List of items with Quantity

S.No.	District Name	Office Type	Name of Office	PC & Monitor	Finger Print Scanner	Signature Pad	Web Cam	Network Printer	USB Printer	Scanner	8 Port Switch	24 Port Switch	UPS 3 KVA	UPS 5 KVA	Stabilizer 5 KVA	Stabilizer 7 KVA	IRIS Scanner	Fire Extinguisher
1	Angul	DSR	Angul, DSR	5	5	3	3	1	2	1	0	1	0	1	1	0	5	1
2	Angul	Ex Off	Athamallik, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
3	Angul	Ex Off	Chhendipada,Ex-off	3	3	2	2	1	1	1	1	0	1	0	1	0	2	1
4	Angul	Ex Off	Pallahara, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
5	Angul	Ex Off	Talcher, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
6	Angul	Ex Off	Kishorenagar, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
7	Balasore	DSR	Balasore, DSR	7	7	5	5	2	2	2	0	1	0	1	0	1	7	1
8	Balasore	SRO	Baliapal, SR	3	3	1	1	1	2	1	0	1	1	0	1	0	1	1
9	Balasore	SRO	Basta, SR	3	3	1	1	1	2	1	0	1	1	0	1	0	1	1
10	Balasore	SRO	Jaleswar, SR	3	3	1	1	1	2	1	0	1	0	1	1	0	1	1
11	Balasore	SRO	Jaleswarpur, SR	4	4	2	2	1	2	1	0	1	0	1	1	0	2	1
12	Balasore	SRO	Khaira, SR	3	3	1	1	1	2	1	0	1	1	0	1	0	1	1
13	Balasore	SRO	Nilagiri, SR	3	3	1	1	1	2	1	0	1	1	0	1	0	1	1
14	Balasore	Ex Off	Simulia, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
15	Balasore	SRO	Soro, SR	4	4	2	2	1	2	1	0	1	0	1	1	0	2	1
16	Bargarh	SRO	Attabira, SR	3	3	1	1	1	2	1	0	1	1	0	1	0	1	1
17	Bargarh	Ex Off	Barapalli, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
18	Bargarh	DSR	Bargarh, DSR	4	4	2	2	1	2	1	0	1	0	1	1	0	5	1
19	Bargarh	Ex Off	Bhatli, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
20	Bargarh	Ex Off	Bheden, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
21	Bargarh	SRO	Padmapur, SR	3	3	1	1	1	2	1	0	1	1	0	1	0	1	1
22	Bargarh	Ex Off	Paikamal, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
23	Bargarh	SRO	Gaisilet, Ex-Off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
24	Bargarh	SRO	Sohella, SR	3	3	1	1	1	2	1	0	1	1	0	1	0	1	1
25	Bargarh	Ex Off	Bijepur, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1

26	Bhadrak	SRO	Basudevpur,SR	4	4	2	2	1	2	1	0	1	1	0	1	0	2	1
27	Bhadrak	DSR	Bhadrak, DSR	5	5	3	3	1	2	1	0	1	0	1	1	0	5	1
28	Bhadrak	SRO	Bhandaripokhari,SR	3	3	1	1	1	2	1	0	1	1	0	1	0	1	1
29	Bhadrak	SRO	Bonth,SR	3	3	1	1	1	2	1	0	1	1	0	1	0	1	1
30	Bhadrak	SRO	Chandbali,SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
31	Bhadrak	SRO	Dham Nagar,SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
32	Bhadrak	SRO	Dhusuri,SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
33	Bhadrak	SRO	Tihidi,SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
34	Bolangir	Ex Off	Kantabanjhi, Ex-off	2	2	1	1	1	1	1	1	0	0	1	1	0	1	1
35	Bolangir	Ex Off	Luisinga, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
36	Bolangir	SRO	Patnagarh, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
37	Bolangir	SRO	Titilagarh, SR	2	2	1	1	1	1	1	0	1	0	1	1	0	1	1
38	Bolangir	Ex Off	Tusura, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
39	Bolangir	DSR	Bolangir, DSR	4	4	2	2	1	2	1	0	1	0	1	1	0	4	1
40	Boudh	DSR	Boudh, DSR	4	4	2	2	1	2	1	0	1	0	1	1	0	4	1
41	Boudh	Ex Off	Kantamal, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
42	Cuttack	SRO	Athagargh, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
43	Cuttack	SRO	Badamba, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
44	Cuttack	SRO	Banki, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
45	Cuttack	SRO	Jagatpur, SR	3	3	2	2	1	1	1	0	1	0	1	1	0	2	1
46	Cuttack	SRO	Niali, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
47	Cuttack	SRO	Salipur, SR	2	2	1	1	1	1	1	0	1	0	1	1	0	1	1
48	Cuttack	Ex Off	Tigiria, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
49	Cuttack	DSR	Cuttack, DSR	7	7	5	5	2	2	2	0	1	0	1	0	1	4	1
50	Cuttack	SRO	Mahanga, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
51	Cuttack	SRO	Narsinghpur, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
52	Cuttack	Ex Off	Baranga,Ex-off	2	2	1	1	1	1	1	1	0	0	1	1	0	1	1
53	Deogarh	DSR	Deogarh, DSR	4	4	2	2	1	2	1	0	1	0	1	1	0	4	1
54	Dhenkanal	Ex Off	Bhuban, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
55	Dhenkanal	DSR	Dhenkanal, DSR	6	6	4	4	2	2	2	0	1	0	1	1	0	6	1
56	Dhenkanal	Ex Off	Hindol, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
57	Dhenkanal	SRO	Kamakshyanagar, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
58	Dhenkanal	SRO	Parjang, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
59	Gajapati	DSR	Gajapati, DSR	4	4	2	2	1	2	1	0	1	0	1	1	0	4	1

60	Gajapati	Ex Off	R.Udayagiri, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
61	Ganjam	SRO	Aska, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
62	Ganjam	SRO	Berhampur-R,SR	4	4	3	3	2	1	2	0	1	0	1	0	1	3	1
63	Ganjam	SRO	Berhampur-T, SR	3	3	2	2	1	1	1	0	1	0	1	0	1	2	1
64	Ganjam	SRO	Bhanjanagar, SR	2	2	1	1	1	1	1	0	1	0	1	1	0	1	1
65	Ganjam	SRO	Buguda, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
66	Ganjam	Ex Off	Chikiti, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
67	Ganjam	SRO	Digapahandi, SR	3	3	2	2	1	1	1	0	1	1	0	1	0	2	1
68	Ganjam	DSR	Ganjam, DSR	5	5	3	3	1	2	1	0	1	0	1	1	0	5	1
69	Ganjam	SRO	Hinjilikote, SR	2	2	1	1	1	1	1	0	1	0	1	1	0	1	1
70	Ganjam	SRO	K.S.nagar, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
71	Ganjam	SRO	Khalikote, SR	2	2	1	1	1	1	1	0	1	0	1	1	0	1	1
72	Ganjam	Ex Off	Kodala, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
73	Ganjam	SRO	Ganjam, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
74	Ganjam	SRO	Patrapur, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
75	Ganjam	SRO	Purusottampur, SR	2	2	1	1	1	1	1	0	1	0	1	1	0	1	1
76	Ganjam	SRO	Sorada, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
77	Ganjam	Ex Off	Seragarh,Ex-Off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
78	Ganjam	Ex Off	Kukudakhandi	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
79	Ganjam	Ex Off	Kanisi	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
80	Ganjam	Ex Off	Polsara	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
81	Jagatsinghpur	SRO	Balikuda, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
82	Jagatsinghpur	SRO	Debidol, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
83	Jagatsinghpur	DSR	Jagatsinghpur DSR	4	4	2	2	1	2	1	0	1	0	1	1	0	4	1
84	Jagatsinghpur	SRO	Kujanga, SR	2	2	1	1	1	1	1	0	1	0	1	1	0	1	1
85	Jagatsinghpur	SRO	Raghunathpur, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
86	Jagatsinghpur	SRO	Tirtol, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
87	Jajpur	SRO	Barachana, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
88	Jajpur	SRO	Bari, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
89	Jajpur	SRO	Dharmasala, SR	3	3	2	2	1	1	1	0	1	1	0	1	0	2	1
90	Jajpur	SRO	Dolipur, SR	3	3	2	2	1	1	1	0	1	1	0	1	0	2	1
91	Jajpur	DSR	Jajpur, DSR	4	4	2	2	1	2	1	0	1	0	1	1	0	4	1
92	Jajpur	Ex Off	Mangalpur, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
93	Jajpur	SRO	Mansada, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1

94	Jajpur	SRO	Sukinda, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
95	Jharsuguda	Ex Off	Lakhanpur, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
96	Jharsuguda	DSR	Jharsuguda, DSR	5	5	3	3	1	2	1	0	1	0	1	1	0	5	1
97	Kalahandi	SRO	Dharmagarh, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
98	Kalahandi	Ex Off	Jaipatna, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
99	Kalahandi	DSR	Kalahandi, DSR	4	4	2	2	1	2	1	0	1	0	1	1	0	6	1
100	Kalahandi	Ex Off	M.Rampur, Ex-off	3	3	2	2	1	1	1	1	0	1	0	1	0	2	1
101	Kalahandi	SRO	Kesinga,SR	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
102	Kalahandi	SRO	Junagarah,SR	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
103	Kalahandi	Ex Off	Th.Rampur, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
104	Kalahandi	Ex Off	Kalampur,Ex-Off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
105	Kalahandi	Ex Off	Koksara,Ex-Off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
106	Kendrapara	SRO	Aul, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
107	Kendrapara	SRO	Garadpur, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
108	Kendrapara	DSR	Kendrapara, DSR	5	5	3	3	1	2	1	0	1	0	1	1	0	7	1
109	Kendrapara	SRO	Pattamundai, SR	2	2	1	1	1	1	1	0	1	0	1	1	0	1	1
110	Kendrapara	Ex Off	Kanika, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
111	Kendrapara	SRO	Marsaghai, SR	2	2	1	1	1	1	1	0	1	0	1	1	0	1	1
112	Kendrapara	Ex Off	Rajnagar, Ex-off	3	3	2	2	1	1	1	1	0	1	0	1	0	2	1
113	Keonjhar	SRO	Anandapur, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
114	Keonjhar	Ex Off	Barbil, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
115	Keonjhar	Ex Off	Champua, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
116	Keonjhar	Ex Off	Ghatgaon, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
117	Keonjhar	Ex Off	Hatadihi, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
118	Keonjhar	DSR	Keonjhar, DSR	4	4	2	2	1	2	1	0	1	0	1	1	0	6	1
119	Keonjhar	SRO	Sainkul, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
120	Keonjhar	Ex Off	Telkoi, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
121	Khurda	SRO	Balipatna, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
122	Khurda	SRO	Banpur, SR	2	2	1	1	1	1	1	0	1	0	1	1	0	1	1
123	Khurda	Ex Off	Begunia, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
124	Khurda	Ex Off	Bolagarh, Ex-off	3	3	2	2	1	1	1	1	0	1	0	1	0	2	1
125	Khurda	SRO	Jatani, SR	4	4	3	3	2	1	2	0	1	0	1	1	0	3	1
126	Khurda	SRO	Khandagiri, SR	7	7	6	6	3	1	3	0	1	0	1	0	1	6	1
127	Khurda	DSR	Khurda(BBSR),DSR	11	11	9	9	4	2	4	0	1	0	1	0	1	12	1

128	Khurda	SRO	Khurda, SR	4	4	3	3	1	1	1	0	1	0	1	1	0	3	1
129	Khurda	SRO	Tangi, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
130	Khurda	Ex Off	Balianta,Ex-Off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
131	Koraput	Ex Off	Bariguma, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
132	Koraput	DSR	Jeypore, DSR	4	4	2	2	1	2	1	0	1	0	1	1	0	6	1
133	Koraput	Ex Off	Koraput, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
134	Koraput	Ex Off	Kotpad, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
135	Koraput	Ex Off	Machhkund, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
136	Koraput	Ex Off	Pattangi, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
137	Malkangiri	Ex Off	Chitrakonda, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
138	Malkangiri	DSR	Malkanagiri, DSR	4	4	2	2	1	2	1	0	1	0	1	1	0	6	1
139	Malkangiri	Ex Off	Motu, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
140	Mayurbhanj	Ex Off	Bahalda, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
141	Mayurbhanj	SRO	Betnoti, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
142	Mayurbhanj	SRO	Karanjia, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
143	Mayurbhanj	DSR	Mayurbhanj ,DSR	5	5	3	3	1	2	1	0	1	0	1	1	0	7	1
144	Mayurbhanj	SRO	Rairangpur, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
145	Mayurbhanj	Ex Off	Rasagobindapur, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
146	Mayurbhanj	SRO	Udala, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
147	Nabarangpur	Ex Off	Dabugaon, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
148	Nabarangpur	Ex Off	Kodinga, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
149	Nabarangpur	DSR	Nabarangpur, DSR	4	4	2	2	1	2	1	0	1	0	1	1	0	6	1
150	Nabarangpur	Ex Off	Umerkote, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
151	Nayagarh	SRO	Daspalla, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
152	Nayagarh	SRO	Khandapara, SR	2	2	1	1	1	1	1	0	1	0	1	1	0	1	1
153	Nayagarh	DSR	Nayagargh, DSR	5	5	3	3	1	2	1	0	1	0	1	1	0	7	1
154	Nayagarh	SRO	Odagaon, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
155	Nayagarh	SRO	Ranapur, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
156	Nuapada	Ex Off	Khariar, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
157	Nuapada	DSR	Nuapada, DSR	4	4	2	2	1	2	1	0	1	0	1	1	0	6	1
158	Phulbani	Ex Off	Baliguda, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
159	Phulbani	Ex Off	Daringbadi, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
160	Phulbani	Ex Off	G-Udayagiri, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
161	Phulbani	DSR	Phulbani, DSR	4	4	2	2	1	2	1	0	1	0	1	1	0	6	1

162	Puri	SRO	Brahmagiri, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
163	Puri	Ex Off	Delanga, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
164	Puri	SRO	Gop, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
165	Puri	SRO	Kakatpur, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
166	Puri	Ex Off	Kanas, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
167	Puri	Ex Off	Krushnaprasad, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
168	Puri	SRO	Nimapara, SR	2	2	1	1	1	1	1	0	1	0	1	1	0	1	1
169	Puri	SRO	Pipili, SR	3	3	2	2	1	1	1	0	1	0	1	1	0	2	1
170	Puri	DSR	Puri, DSR	6	6	4	4	2	2	2	0	1	0	1	0	1	8	1
171	Puri	SRO	Satyabadi, SR	2	2	1	1	1	1	1	0	1	1	0	1	0	1	1
172	Rayagada	Ex Off	Bisam Cuttack, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
173	Rayagada	Ex Off	Gunupur, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
174	Rayagada	Ex Off	Kasipur, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
175	Rayagada	DSR	Rayagada, DSR	4	4	2	2	1	2	1	0	1	0	1	1	0	6	1
176	Samabalpur	Ex Off	Kuchinda, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
177	Samabalpur	Ex Off	Rairakhol, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
178	Samabalpur	Ex Off	Rengali, Ex-off	3	3	2	2	1	1	1	1	0	1	0	1	0	2	1
179	Samabalpur	DSR	Sambalpur, DSR	5	5	3	3	1	2	1	0	1	0	1	0	1	7	1
180	Sonepur	Ex Off	Binika, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
181	Sonepur	Ex Off	BirMaharajpur, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
182	Sonepur	Ex Off	Rampur, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
183	Sonepur	Ex Off	Tarabha, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
184	Sonepur	DSR	Sonepur, DSR	4	4	2	2	1	2	1	0	1	0	1	1	0	6	1
185	Sundergarh	DSR	Sundergarh, DSR	4	4	2	2	1	2	1	0	1	0	1	1	0	6	1
186	Sundergarh	Ex Off	Banei, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
187	Sundergarh	Ex Off	Biramitrapur, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
188	Sundergarh	Ex Off	Hemgiri, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
189	Sundergarh	Ex Off	Lephgiri, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
190	Sundergarh	SRO	Panposh, SR	2	2	1	1	1	1	1	0	1	0	1	1	0	1	1
191	Sundergarh	Ex Off	Rajgangpur, Ex-off	2	2	1	1	1	1	1	1	0	1	0	1	0	1	1
192	All District	ADM Office		30	30	30	30	0	30	30	30	0	30	0	0	0	30	0
193	PMU			15	15	15	15	2	0	2	0	2	0	1	0	1	2	0
194	Bhubaneswar	Application Support		12	2	11	11	5	2	3	2	1	0	1	1	0	2	0

195	Stand by Device @ District			35	82	73	73	36	36	36	18	18	0	0	0	0	0	0
196	Govt Staff at State Level			8	0	0	0	0	8	0	0	1	0	0	0	0	0	0
			TOTAL	**605**	**634**	**400**	**400**	**245**	**310**	**273**	**130**	**133**	**166**	**57**	**184**	**9**	**394**	**191**

11.10. Appendix II: Commercial Proposal Templates

11.11. Form 9: Covering Letter

To,

    The General Manager (Admin)
    Odisha Computer Application Centre
    Plot No. - N-1/7-D, Acharya Vihar
    P.O.- RRL, Bhubaneswar - 751013
    EPBX: 0674-2567280/2567064/2567295
    Fax: +91-0674-2567842

We, the undersigned, offer to provide the Implementation services for supply of hardware and peripherals for e-Registration Project in accordance with your tender reference no. OCAC-SEGP-INFRA-0001-2022-22022 and our Proposal (Technical and Financial Proposals). Our attached Financial Proposal is for the sum of [*Amount in words and figures*]. This amount is exclusive of the local taxes.

Our Financial Proposal shall be binding upon us, up to expiration of the validity period of the Proposal, i.e., [*Date*].

We understand you are not bound to accept any Proposal you receive.

We remain,

Yours sincerely,

Authorized Signature:

Name and Title of

Signatory: Name of Firm:

Address:

11.12. Form 10: Financial Proposal

SI No	Item Description	Quantity in nos.	UOM Unit of Material	Unit Cost (in Rs.)	Taxes as applicable (in Rs.)	Total Cost Including Taxes (in Rs.)	Total Amount (in Rs.)
		(a)		(b)	(c)	(d = b + c)	(e = a x d)
1	Blade Chassis	1	Nos.				
2	Server	17	Nos.				
3	Blade Console	1	Nos.				
4	Router	2	Nos.				
5	Network Switch (L-3 Managed)	2	Nos.				
6	MS Windows Server 2022 64 bit enterprise edition	17	Nos.				
7	MS Visual Studio 2022	1	Nos.				
8	Antivirus	605	Nos.				
9	Desktop PC	605	Nos.				
10	Biometric Device (Finger Print Scanner)	634	Nos.				
11	Signature Pad	400	Nos.				
12	Web-Camera	400	Nos.				
13	Network Printer	245	Nos.				
14	USB Printer	310	Nos.				
15	Scanner	273	Nos.				
16	8 Port Switch	130	Nos.				
17	24 Port Switch	133	Nos.				
18	Online Inverter with UPS Mode 3 KVA	166	Nos.				
19	Online Inverter with UPS Mode 5 KVA	57	Nos.				
20	IRIS Scanner	394	Nos.				
21	Fire Extinguisher	191	Nos.				
22	5 KVA Stabilizer	184	Nos.				
23	7 KVA Stabilizer	9	Nos.				
	a. Total Cost in INR without GST						
	b. Buy back value (Total, as per listed materials at section 4, section 10.5 and asset list at Clause 12.5 Form 15) inclusive of tax, if any						
	c. Grand Total with GST (a-b)						

Grand Total Cost with 5 year warranty and Taxes (Amount quoted in words): -

Authorized Signatory with Official Seal

12. Appendix III: Templates

12.1. Form 11: Performance Bank Guarantee (PBG)

To

The General Manager (Admin)
Odisha Computer Application
Centre Plot No. - N-1/7-D, Acharya
Vihar PO: - RRL, Bhubaneswar -
751013
EPBX: 0674-2567280/2567064/2567295
Fax: +91-0674-2567842

Whereas, << name of the supplier and address >>(hereinafter called "the Bidder") has undertaken, in pursuance of contract no. << insert contract no. >> dated. << insert date >> to provide Implementation services for << name of the assignment >>to OCAC (hereinafter called "the beneficiary")

And whereas it has been stipulated in the said contract that the Bidder shall furnish you with a bank guarantee by a recognized bank for the sum specified therein as security for compliance with its obligations in accordance with the contract;

And whereas we, << name of the bank >> a banking company incorporated and having its head /registered office at << address of the registered office >> and having one of its office at << address of the local office >>have agreed to give the supplier such a bank guarantee.

Now, therefore, we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, upto a total of Rs.<< insert value >> (Rupees << insert value in words >> only) and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of Rs .<< insert value >> (Rupees << insert value in words >> only) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Bidder before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the Bidder shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

This Guarantee shall be valid until << *Insert Date* >>)

Notwithstanding anything contained herein:

I. Our liability under this bank guarantee shall not exceed Rs<< insert value >>(rupees << insert value in words >> only).

II. This bank guarantee shall be valid up to *<< insert expiry date >>*)

III. It is condition of our liability for payment of the guaranteed amount or any part thereof arising under this bank guarantee that we receive a valid written claim or demand for payment under this bank guarantee on or before *<< insert expiry date >>*) failing which our liability under the guarantee will automatically cease.

(Authorized Signatory of the Bank)
Seal:
Date:

12.2. Form 12: Delivery Challan

As a proof of Delivery, the Bidder shall collect signed Delivery Challan from the concerned District Nodal Officer / Authorized Representative of IGR / OCAC and submit the same as a proof of Final Delivery as per the below mentioned template:

Supplier : M/s	Delivery Note No.	Date:
Delivery Address at District/Nodal Centre:		
Work Order Reference No.		Dated:
Buyer: OCAC / IGR	Dispatch Document No.	Pre-Dispatch Inspection Report No.
Dispatched Through:		Dated:
Terms of Delivery:		
Description Of Goods	Quantity	Remarks (if any)

Note: List of serial number and product no. for IT Hardware & peripherals delivered should be attached along with the Delivery Challan.

Supplier's Authorized Representative
Department of Higher Education/OCAC

Authorized Representative

Name:

Name:

Signature:

Signature:

Date:

Date of Receipt:

12.3. Form 13: Draft Agreement Format (subject to change as per requirement)
(To be signed by selected bidder(s) and tendering authority)

An agreement made this_____*(enter date of Agreement)*   between   *(enter your firm's name &address)* ___ (hereinafter called "the approved supplier", which expression shall, where the

context so admits, be deemed to include his heirs, successors, executors and administrators of the one part and the OCAC which expression shall, where the context so admits, be deemed to include his successors in office and assigns of the other part.

Whereas the approved supplier has agreed with OCAC to supply to the General Manager(Admn.), Odisha Computer Application Centre, Plot No.-N-1/7-D,Po-RRL, Acharya Vihar,Bhubaneswar,Odisha-751013 on behalf of Department of Higher Education to its various nodal centres as well as at its colleges throughout Odisha, all those articles set forth in our Work Order No. _____ Dated _____ appended hereto in the manner set forth in the

conditions of the bidding document and contract appended herewith and at the rates set forth in the said order.

And whereas the approved supplier has deposited a sum of Rs._____in the form of:

a. Bank Draft No./ Banker Cheque/ Bank Guarantee No._____dated._____valid up to_____.

Now these Presents witness:

1. In consideration of the payment to be made by OCAC through cheque/ DD at the rates set forth in the Work Order hereto appended the approved supplier will duly supply the said articles set forth in our Work Order No._____dated_____/___/20___thereof in the manner set forth in the Notice Inviting Tender (NIT), Tender Form, Instructions to Bidders, Terms of Reference, General and Special Conditions of the Tender and Contract, Technical Bid and Financial Bid along with their enclosures.

2. The Notice Inviting Tender(NIT), Tender Form, Scope of Work, General and Special Terms & Conditions of the Tender and Contract, Technical Bid and Financial Bid along with their enclosures enclosed with the **Tender Notice No.: OCAC-CAD-02/2012/16025**, Dated. xxx and also appended to this agreement will be deemed to be taken as part of this agreement and are binding on the parties executing this agreement.

3. Letter Nos._____ dated _____ received from {bidder} and letter Nos.

   _____Dated_____issued by OCAC and appended to this agreement shall also form part of this agreement.

4. OCAC do hereby agree that if the approved supplier shall duly supply the said articles in the manner aforesaid observe and keep the said terms and conditions, OCAC will through cheque/ DD pay or cause to be paid to the approved supplier at the time and the manner set forth in the said conditions, the amount payable for each and every consignment.

5. The mode of payment will be as specified in this bidding document/ work order.

   The prescribed scope of work/ requirement of services and deployment of technical resources shall be effected and completed within the period as specified in the Work Order.

   In case of extension in the delivery period/ completion period with liquidated damages, the recovery shall be made on the basis of following percentages of value of stores/ works which the bidder has failed to supply or complete the work.

No.	Condition
1	For delay in delivery of materials beyond the delivery schedule mentioned in the work order, **LD @ 0.25%** per week or part thereof for the pending materials order value up to maximum **5%** will be deducted.

   a. The maximum amount of liquidated damages shall be **5 %** of the desired Lot.

   b. OCAC reserves its right to recover these amounts by any mode such as adjusting from any payments to be made by OCAC to the bidder.

   c. If the supplier requires an extension of time in completion of contractual supply on account of occurrence of any hindrances, he shall apply in writing to the authority which had placed the supply order, for the same immediately on occurrence of the hindrance but not after the stipulated date of completion of supply.

   Delivery period may be extended with or without liquidated damages if the delay in the supply of goods inon account of hindrances beyond the control of the bidder.

   Warranty/ Services shall be provided by the bidder as per terms and conditions of the tender and Contract.

   All disputes arising out of this agreement and all questions relating to the interpretation of this agreement shall be decided by OCAC and the decision of OCAC shall be final.

In witness whereof the parties hereto have set their hands on the____day of____(Year)**.**

Signature of the Approved   Signature for and on behalf of
Supplier/ bidder   Chairman – cum - CEO,
OCAC
Designation: Designation:

Date: Date:

Witness No.1   Witness No.1

Witness No.2   Witness No.2

12.4. Form 14: Details / Undertaking for setting-up Service Support Centres / Deployment of Resident Engineers in Odisha

To
,

The General Manager (Admin)

Odisha Computer Application Centre

Plot No. - N-1/7-D, Acharya Vihar

P.O.- RRL, Bhubaneswar - 751013

EPBX: 0674-2567280/2567064/2567295 Fax: +91-0674-2567842

In response to the Tender Ref. OCAC-SEGP-INFRA-0001-2022-22022, for tender titled "Procurement of IT Hardware & peripherals for e-Registration Project [" e-dhaRani"], as a Director / Company Secretary of M/s_____, I/ We hereby declare that as the Warranty Support Services and related activities as mentioned in the scope of work shall be carried out onsite (at District Headquarter/Nodal Centres level), I/ We shall establish service support centre /appoint and deploy Resident Engineers in all the District Headquarters/Nodal Centres within 30 days from the Date of Issue of Work Order and before signing of Agreement.

The Bidder shall specify name of the Service support centre / Resident Engineer, Contact Address, Telephone and Mobile Number, e-Mail IDs as per the table provided below:

Sl.No.	Division	District/ Nodal Centre	Contact details of the Service Support Centre / Resident Engineer
1			1. Name: 2. Contact Address: 3. Telephone No and Mobile No.: 4. e-Mail ID:
2			1. Name: 2. Contact Address: 3. Telephone No and Mobile No.: 4. e-Mail ID:
3			1. Name:

Sl.No.	Division	District/ Nodal Centre	Contact details of the Service Support Centre / Resident Engineer
			2. Contact Address: 3. Telephone No and Mobile No.: 4. e-Mail ID:
.			1. Name: 2. Contact Address: 3. Telephone No and Mobile No.: 4. e-Mail ID:
.			1. Name: 2. Contact Address: 3. Telephone No and Mobile No.: 4. e-Mail ID:
30			1. Name: 2. Contact Address: 3. Telephone No and Mobile No.: 4. e-Mail ID:

12.5.   Form 15: Details of Items under Buyback

SI.No.	ASSSET MAKE/MODEL	ASSET QTY.	SPECIFICATION	WARRANTY START DATE	WARRANTY END DATE
1	WORKSTATION HP406	593	Processor – Intel 6th Generation Intel Core i3-6100 3.7 Ghz CPU, 8GB DDR3 expandable to 32GB DDR3, 1 TB 7200 RPM SATA Hard Drive, Preinstalled Genuine Microsoft Windows 10 Pro (64-bit) with License and Recovery CD	23-Dec-16	19-Mar-22
2	MONITOR HPV203P	593	18.5 wide TFT Monitor	23-Dec-16	19-Mar-22
3	PRINTER HP 104A	303	A4 SIZE USB and NETWORK LASER PRINTER, Colour Laser Printer, 600 x 600 dpi (1200 X 1200 dpi effective) – resolution, Speed - 18 ppm – speed, 128 MB - Memory, Duplex Printing - Manual, Duty Cycle - 5000 pages per month	23-Dec-16	19-Mar-22
4	PRINTER HP 202DW	237	A4 SIZE NETWORK LASER PRINTER, Colour Laser Printer, 600 x 600 dpi (1200 X 1200 dpi effective) – resolution, Speed - 25 ppm – speed, 128 MB - Memory, Duplex Printing - Automatic, Duty Cycle - 15000 Pages per month,	23-Dec-16	19-Mar-22
5	SCANNER HP 5000 s2	267	Scan Mode - Simplex / Duplex, Daily Duty Cycle - 2000 pages, resolution – Black - 150 x 150, 200 x 200, 300 x 300, 400 x 400, 600 x 600 dpi, colour - 150 x 150, 200 x 200, 300 x 300, 400 x 400, 600 x 600 dpi, colour output – 24 bit	23-Dec-16	19-Mar-22
6	SERVO STABILIZER 5KVA (DS SYSTEM)	178	5 KVA Motor Operated line voltage corrector, Input Voltage - 230V AC single phase, Voltage Range - 90V AC to 280V AC, Frequency Range - 50 ± 3% Hz	23-Dec-16	19-Mar-22
7	SERVO STABILIZER 7 KVA (DS SYSTEM)	9	7 KVA S Motor Operated line voltage corrector, input Voltage - 230V AC single phase, Voltage Range - 90V AC to 280V AC, Frequency Range - 50 ± 3% Hz	23-Dec-16	19-Mar-22

8	SWITCH 24-PORT HP	133	24 port 10/100/1000 base T-Port, IPv6 Certified, Support of followings: IEEE 802.1Q VLAN encapsulation, dynamic VLAN assignment	23-Dec-16	19-Mar-22
9	SWITCH 8-PORT HP	124	8 port 10/100/1000 base T-Port, IPv6 Certified, Support of followings: IEEE 802.1Q VLAN encapsulation	23-Dec-16	19-Mar-22
10	UPS 3KVA DS SYSTEM	160	Input: 230 VAC, ± 15%, Output: 230 VAC for 100% load, Input Frequency-50Hz ± 5%, Output Waveform-Sine wave Output Power Factor =0.8 lagging or better and overall minimum efficiency of UPS = 90%	23-Dec-16	19-Mar-22
11	UPS 5KVA DS SYSTEMS	57	Input: 230 VAC, ± 15%, Output: 230 VAC for 100% load, Input Frequency-50Hz ± 5%, Output Waveform-Sine wave Output Power Factor =0.8 lagging or better and overall minimum efficiency of UPS = 90%	23-Dec-16	19-Mar-22

DATACENTER COMPONENTS					
12	HP Blade Server HP BL660C GEN 9	10	CPU: Intel(R) Xeon(R) CPU E5-4627 v4 @ 2.60GHz 10 Core Memory: 512 GB DDR4 expandable to 3TB Storage: 2 x 1.2 TB SAS 2 SFF 10K hot-swap hard disks RAID: Smart Array Raid Controller with Raid 0,1	28-Feb-17	27-Feb-22
13	DMZ L3 Switch HPE-5510	2	551024G 4SPF+HI	28-Feb-17	27-Feb-22

12.6. Form 16: Self-Declaration: Not Blacklisted

To   (Company letter head)
The General Manager (Admin)
Odisha Computer Application Centre
(Technical Directorate of E&IT Dept, Govt. of Odisha)
N-1/7-D, Acharya Vihar P.O. - RRL, Bhubaneswar - 751013

Sub: Tender For Supply, Installation and Commissioning of IT Hardware & peripherals for e-Registration Project– *Self Declaration for not Blacklisted*

Sir

In response to the Tender Ref No.: OCAC-SEGP-INFRA-0001-2022-22022 on Tender titled "Procurement of IT Hardware & peripherals for e-Registration Project of Revenue and Disaster Management Department, Government of Odisha", as an owner/ partner/ Director of (organisation name) _____ I/ We hereby declare that presently our Company/ firm is not under declaration of ineligible for corrupt & fraudulent practices, blacklisted either indefinitely or for a particular period of time, or had work withdrawn, by any State/ Central government/ PSU.

If this declaration is found to be incorrect then without prejudice to any other action that may be taken, my/ our security may be forfeited in full and the tender if any to the extent accepted may be cancelled.

Thanking you,

Signature
(Authorised Signatory)

Seal:
Date:
Place:
Name of the Bidder: