



**RFP for Procurement of Cloud Virtualization Software
for Seamless Integration between IT Centre and Odisha State Data
Centre (OSDC) Bhubaneswar**

RFP Enquiry No. : OCAC-NeGP-INFRA-0007-2020-21005

Date : 22-01-2021

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.

RFP SCHEDULE

Sl. No.	Items	Date & Time
01	Commencement of the bid	22-01-2021
02	Last date for receiving queries through E-mail: osdc@ocac.in & sk.bhol@nic.in	29-01-2021 by 5:00 PM
03	Pre Bid Conference	01-02-2021 by 4: 00 PM
04	Issue of Corrigendum (if required)	04-02-2021
05	Last date and time for Submission of Bid	18-02-2021 by 2:00 PM
06	Opening of Pre-Qualification Bids (PQ)	18-02-2021 at 4:00 PM
07	Opening of Technical Bids (TB)	18-02-2021 at 5:00 PM
08	Opening of Commercial Bids (CB)	To be Informed.

Table of Contents

1.	Fact Sheet:	6
2.	Information	7
3.	Background	7
4.	Instructions to the Bidders	8
4.1.	General	8
4.2.	Compliant Tenders / Completeness of Response	8
4.3.	Pre-Bid Meeting & Clarifications	8
4.3.1.	Bidders Queries	8
4.3.2.	Responses to Pre-Bid Queries and Issue of Corrigendum.....	9
4.4.	Key Requirements of the Bid	9
4.4.1.	Right to Terminate the Process	9
4.4.2.	Right to alter Quantities	9
4.4.3.	Confidential Information.....	10
4.4.4.	RFP Document Fees.....	10
4.4.5.	Earnest Money Deposit (EMD)	10
4.4.6.	Performance Bank Guarantee (PBG).....	10
4.4.7.	Venue & Deadline for Submission of proposals	11
4.4.8.	Late Bids	11
4.5.	Offer Validity	12
4.6.	Delivery	12
4.7.	Product Specifications & Compliance Statement:.....	12
4.8.	Price.....	12
4.9.	Insurance of Equipments	12
4.10.	Unsatisfactory Performance	13
4.11.	Dispute Resolution	13
4.12.	Force Majeure.....	13
4.13.	Disclaimer.....	14
4.14.	IT Act.....	14
4.15.	Declaration	14
5.	Scope of Work	15
5.1.	Cloud Virtualization Functionality Requirement	15
5.2.	Training.....	16
5.3.	Technical Specification	17
5.3.1.	Cloud Management & Orchestration Solution	17
5.3.2.	Virtualization Software	19
5.3.3.	Platform as a Service	22
5.4.	Eligibility Criteria.....	24

5.4.1.	Pre-qualification Criteria.....	24
6.	Bid Evaluation	26
6.1.	Pre-Qualification	26
6.2.	Technical Bid Evaluation.....	26
6.3.	Commercial Bid	27
6.4.	Commercial Bid Evaluation	27
6.5.	Correction of Arithmetic Errors	28
7.	Other Terms & Conditions of RFP.....	28
7.1.	Bid Submission	28
7.2.	Authentication of Bids	29
7.3.	Special Conditions of Contract	29
7.3.1.	Price Basis.....	29
7.3.2.	Billing.....	29
7.4.	Payment	29
7.5.	Warranty	30
8.	Appendix I: Pre-Qualification & Technical Bid Templates	31
8.1.	General.....	31
8.1.1.	Form 1: Compliance Sheet for Pre-qualification Proposal	32
8.1.2.	Form 2: Particulars of the Bidders	33
8.1.3.	Form 3: Bank Guarantee for Earnest Money Deposit (EMD).....	34
8.1.4.	Form 4: Manufacturers /Producers Authorization Form (MAF)	36
8.1.5.	Form 5: Self Declaration against the rule 144 (xi) in GFRs 2017	37
8.1.6.	Form 6: Letter of Proposal.....	38
8.2.	Appendix II : Commercial Proposal Templates	39
8.2.1.	Form 7: Covering Letter	40
8.2.2.	Form 8: Financial Proposal.....	41
9.	Performance Bank Guarantee (PBG).....	42

1. Fact Sheet:

This Fact Sheet comprising important factual data of the tender is for quick reference of the bidder.

Clause Reference	Topic
The Proposal	Odisha Computer Application Centre (OCAC) invites bid for Supply, Installation, & Warranty Support of IT infrastructure equipments for seamless integration between IT Centre & Odisha State Data Centre (OSDC) Bhubaneswar.
Method of Selection	Least Cost Based Selection (L1) method shall be used to select the bidder for Supply, Installation & Warranty Support of IT infrastructure equipments for seamless integration between IT Centre & Odisha State Data Centre (OSDC) Bhubaneswar. The bidder has to apply the bid in three envelop system i.e. General (Pre-qualification), Technical & Commercial bids. Technical bid of those bidders who qualify in General Bid/ Pre-qualification, shall be opened. Commercial bid of those bidders who qualify in Technical Bid shall be opened. The least value bid (i.e. the bidder quoting minimum amount) will be given preference in the order of selection.
RFP Document	RFP Document can be downloaded from http://www.ocac.in or http://www.odisha.gov.in . The bidders are required to submit the RFP document fee of ₹5,600/- (inclusive of 12% GST) in the form of a demand draft in favour of “ Odisha Computer Application Centre ”, payable at Bhubaneswar from any of the Scheduled Commercial Bank along with the Proposal.
Earnest Money Deposit (EMD)	EMD should be in shape of Account payee Demand Draft or Bank Guarantee, from any Nationalized Bank or Scheduled Commercial Bank, in favor of Odisha Computer Application Centre payable at Bhubaneswar.
Scope of Work	Selected agency is expected to deliver the services listed in Scope of Work as mentioned in this RFP.
Language	Bid must be prepared by the Bidder in English language only
Currency	The bidder should quote in Indian Rupees only. The Total Price inclusive of taxes and duties will be considered for evaluation. So, the bidder must mention the base price and the tax component separately.
Validity Period	Proposals/bid must remain valid minimum for 180 days from the last date of bid submission.

Clause Reference	Topic
Bid to be submitted on or before last date of submission at:	<p>The proposal must be submitted to:</p> <p>The General Manager (Admn.) Odisha Computer Application Centre (OCAC) OCAC Building, Plot No.-N-1/7-D, Acharya Vihar Square, PO- RRL, Bhubaneswar-751013 (INDIA)</p> <p>Bidder must submit all the three sealed separate envelopes (PQ,TB & CB) shall be put in another separate envelope with superscription as “ RFP for Procurement of IT Infrastructure Equipments for Seamless Integration between IT Centre & GoO Cloud at OSDC, Bhubaneswar and RFP Enquiry No. _____Date_____”.</p>

2. Information

- i. Odisha Computer Application Centre (OCAC) invites responses (“Tenders”) to this Request for Proposals (“RFP”) from OEMs /authorized Partners (“Bidders”) for the provision of items as described in this RFP towards Supply, Installation, & Warranty Support of IT infrastructure. OCAC is the Nodal Agency for this Government procurement.
- 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.

3. Background

Odisha Computer Application Centre (OCAC), the Designated Technical Directorate of Electronics & Information Technology Department, Government of Odisha, intends to extend the State Data Centre (SDC) Compute & Storage Services to IT Centre, which is situated at Odisha Secretariat within a distance of 5 Km approximate with an objective to cater the required rack space to host servers with compute storage to facilitate the Government departments with their day to day upcoming requirement in order to hosting the department’s application, due to rack space inside the State Data Centre (SDC) is fully utilized and there is no space to accommodate further rack space for Servers and Storage devices.

Subsequently with the increased demands from different Government Departments for hosting of Application/e-Governance Projects and other large-scale Projects the Compute, Storage and Network Connectivity requirements are growing exponentially. Therefore OCAC intend to set up a strategic infrastructure that facilitates quick scalability by extending to the State IT Centre which is nearly 5 Km from the existing State Data Centre through a dedicated robust Optical Fibre Connectivity through **RAILTEL DARK FIBER**.

To fulfil this requirement, OCAC intends to set-up the required IT Infrastructure Equipments both at IT Centre & SDC for the seamless integration between both the sites with ease of manageability.

OCAC intend to scale-up the existing GoO Cloud Infrastructure by increasing the virtualization setup for better manageability and resource enhancement:-

1. Cloud Virtualization Software : 01 Set (As per BoQ)

4. Instructions to the Bidders

4.1. General

- i. While every effort has been made to provide comprehensive and accurate background information, requirements, and specifications, Bidders must form their own conclusions about the requirements. Bidders and recipients of this RFP may wish to consult their own legal advisers in relation to this RFP.
- 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 RFP.
- 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 RFP supersedes and replaces any previous public documentation & communications in this regard and Bidders should place no reliance on such communications.

4.2. Compliant Tenders / Completeness of Response

- i. Bidders are advised to study all instructions, forms, requirements, appendices and other information in the RFP documents carefully. Submission of the bid / proposal shall be deemed to have been done after careful study and examination of the RFP 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 will be rejected. Bidders must:
 - a. Comply with all requirements as set out within this RFP.
 - b. Submit the forms as specified in this RFP and respond to each element in the order as set out in this RFP.
 - c. Include all supporting documentations specified in this RFP.

4.3. Pre-Bid Meeting & Clarifications

4.3.1. Bidders Queries

- a. OCAC shall hold a pre-bid meeting with the prospective bidders on scheduled date at OCAC premises or through Video Web Conference.

- b. The Bidders will have to ensure that their queries for Pre-Bid meeting should reach in e-mail id – osdc@ocac.in & sk.bhol@nic.in only on or before the scheduled timeline. Queries submitted after the scheduled date and time, shall not be accepted.
- c. The queries should necessarily be submitted in the following format:

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

- d. OCAC shall not be responsible for ensuring that the bidder’s queries have been received by them. Any requests for clarifications after the indicated date and time shall not be entertained by OCAC.

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

- a. OCAC will endeavor 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.
- b. At any time prior to the last date for receipt of bids, OCAC may, for any reason, modify the RFP Document by a corrigendum.
- c. The Corrigendum (if any) & clarifications to the queries from all bidders will be posted on the websites www.ocac.in, www.odisha.gov.in.
- d. Any such corrigendum shall be deemed to be incorporated into this RFP.
- e. 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.

4.4. Key Requirements of the Bid

4.4.1. Right to Terminate the Process

- i. OCAC may terminate the RFP 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 RFP 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.

4.4.2. Right to alter Quantities

OCAC reserves the right to reduce the quantity or give repeat order to the **L1 bidder as per requirement**, within the tender validity period of **180 days** from the last date of submission of bid under same terms and conditions with same Specifications and Rate. 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.

4.4.3. 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.

4.4.4. RFP Document Fees

RFP document can be downloaded from the website www.ocac.in, www.odisha.gov.in. The bidders are required to submit the RFP document Fee in form of Demand Draft in favour of “Odisha Computer Application Centre” and payable at Bhubaneswar from any of the Scheduled Commercial Bank along with the Proposal. Proposals received without or with inadequate RFP Document fees shall be rejected.

4.4.5. Earnest Money Deposit (EMD)

- i. Bidders shall submit EMD in form of a Demand Draft OR Bank Guarantee (in the format specified in Clause 8.1.3) issued by any Nationalized Bank or Scheduled Commercial Bank in favour of “Odisha Computer Application Centre”, payable at Bhubaneswar, and should be valid for 180 days from the last date of submission of the RFP.
- ii. EMD of all unsuccessful bidders would be refunded by OCAC within 90 days of the bidder being notified as being unsuccessful. The EMD, for the amount mentioned above, of successful bidder would be returned upon submission of Performance Bank Guarantee as per the format provided in Clause 9.
- iii. The EMD amount is interest free and will be refundable to the unsuccessful bidders without any accrued interest on it.
- iv. The bid / proposal submitted without EMD, mentioned above, will be summarily rejected.
- v. The EMD may be forfeited:
 - If a bidder withdraws its bid during the period of bid validity.
 - In case of a successful bidder, if the bidder fails to sign the contract in accordance with this RFP.

4.4.6. 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 10% of the total order value.
- ii. The Performance Bank Guarantee needs to be valid till Entire Project Period of 5 Years. However the Bidder may submit PBG for a period of 3 Years & subsequently

renewed for another 2 Years before expiry else the PBG will be forfeited The Performance Bank Guarantee shall contain a claim period of three months from the last date of validity. The selected bidder shall be responsible for extending the validity date and claim period of the Performance Guarantee as and when it is due on account of non-completion of the project and Warranty period.

- 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. In that event OCAC may award the Contract, at (L1) rate, to the next best value bidder (L2), whose offer is valid and substantially responsive and determined by OCAC.
- v. 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.
- vi. 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".
- vii. No interest will be paid by OCAC on the amount of performance Bank Guarantee

4.4.7. Venue & Deadline for Submission of proposals

Proposals, in its complete form in all respects as specified in the RFP, must be submitted to OCAC at the address specified below:

Addressed To	General Manager (Admin.)
Name	Odisha Computer Application Centre (OCAC)
Address	Plot No.- N- 1/7-D,PO-RRL,Acharya Vihar, Bhubaneswar-751013
Telephone	0674-2567280,2567064,2567295
Fax Nos.	0674-2567842
Last Date & Time of Submission	18-02-2021 by 02: 00 PM

4.4.8. Late Bids

- i. Bids received after the due date and the specified time for any reason whatsoever, shall not be entertained and shall be returned unopened.
- ii. The bids submitted by telex/telegram/ fax/e-mail etc. shall not be considered. No correspondence will be entertained on this matter.
- iii. OCAC shall not be responsible for any postal delay or non-receipt/ non-delivery of the documents. No further correspondence on the subject will be entertained.

- iv. OCAC reserves the right to modify and amend any of the above-stipulated condition/criterion depending upon project priorities and need.

4.5. Offer Validity

Offers should be valid for minimum One hundred eighty (180) Days from the date of opening the Technical Bid. A bid, valid for a shorter period, is liable to be rejected. OCAC, Bhubaneswar may ask the bidders to extend the period of validity, if required.

4.6. Delivery

The delivery of virtualization software for the location, to be completed within 08(Eight) Weeks from the date of issue of Purchase Order.

a) Delivery Location: **OSDC**

- i. Cloud Virtualization Software : 1 Set (As per BoQ)

4.7. Product Specifications & Compliance Statement:

The bidder should quote the products strictly as per the tender specifications and only of technically reputed and globally acclaimed brands / makes. Complete technical details along with brand, specification, technical literature etc. highlighting the specifications must be supplied along with the technical bid. A Statement of Compliance shall be given against each item in the prescribed format given in Technical specifications. The compliance statements should be supported by authentic documents. Each page of the bid and cuttings / corrections shall be duly signed and stamped by the authorized signatory. Failure to comply with this requirement may result in the bid being rejected.

4.8. Price

The prices are to be quoted in INR in figure only. 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.

4.9. Insurance of Equipments

Materials must be properly packed against any damage and insured up to the destination. The material should directly be supplied to OSDC, Bhubaneswar. All the expenses involved in shipping the equipment to OSDC, shall be borne by the Bidder. All aspects of safe delivery shall be the exclusive responsibility of the Bidder. OCAC, will have the right to reject the component / equipments supplied, if it does not comply with the specifications at any point of installation / inspection.

If any equipment or part thereof is lost or rendered defective during transit, the supplier shall immediately arrange for the supply of the equipment or part thereof, as the case may be, at no extra cost.

4.10. Unsatisfactory Performance

The Parties herein agree that OCAC shall have the sole and discretionary right to assess the performance(s) of the Bidder component(s), either primary and or final, and OCAC, without any liability whatsoever, either direct or indirect, may reject the system(s) component(s) provided by the Bidder, in part or in its entirety, without any explanation to the Bidder, either during the pre and or post test period should the same be unsatisfactory and not to the acceptance of OCAC. The Bidder covenants to be bound by the decision of OCAC without any demur in such an eventuality.

4.11. Dispute Resolution

- i. Any dispute or difference, whatsoever, arising between the parties to this agreement arising out of or in relation to this agreement shall be amicably resolved by the Parties through mutual consultation, in good faith and using their best endeavours. Parties, on mutual consent, may refer a dispute to a competent individual or body or institution or a committee of experts appointed By OCAC (Nodal Authority) for such purpose and abide by the decisions thereon.
- ii. On non settlement of the dispute, same shall be referred to the commissioner-cum-secretary to Government, IT department, and Government of Odisha for his decision and the same shall be binding on all parties, unless either party makes a reference to arbitration proceedings, within sixty days of such decision.
- iii. Such arbitration shall be governed in all respects by the provision of the Arbitration and Conciliation Act, 1996 or later and the rules framed there under and any statutory modification or re-enactment thereof. The arbitration proceeding shall be held in Bhubaneswar, Odisha

4.12. 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.

In case of a Force Majeure, all Parties will endeavor to agree on an alternate mode of performance in order to ensure the continuity of service and implementation of the

obligations of a party under the Contract and to minimize any adverse consequences of Force Majeure

4.13. Disclaimer

This Tender / Request for Proposal (RFP) is not an offer by OCAC, but an invitation for bidder's response. No contractual obligation whatsoever shall arise from the RFP process.

4.14. IT Act

Besides the terms and conditions stated in this document, the contract shall also be governed by the overall acts and guidelines as mentioned in IT Act 2000 and subsequent amendments, and any other guideline issued by State from time to time.

4.15. Declaration

The bidder would be required to give a certificate as below in his commercial bid.

- A) *"I/WE UNDERSTAND THAT THE QUANTITY PROVIDED ABOVE IS SUBJECT TO CHANGE. I/WE AGREE THAT IN CASE OF ANY CHANGE IN THE QUANTITIES REQUIRED, I/WE WOULD BE SUPPLYING THE SAME AT THE RATES AS SPECIFIED IN THIS COMMERCIAL BID. I /WE AGREE TO ADHERE TO THE PRICES GIVEN IN THE FINANCIAL BID OF THIS RFP EVEN IF THE QUANTITIES UNDERGO A CHANGE. I/WE FURTHER UNDERTAKE THAT IN CASE OCAC REQUIRES, WE WILL DEMONSTRATE THE QUOTED PRODUCTS WITH 7 DAYS NOTICE FROM OCAC."*
- B) *The OEM/ PRODUCT MANUFACTURED IN A COUNTRY SHARING A LAND BORDER WITH INDIA CANNOT PARTICIPATE IN THIS BID.*

5. Scope of Work

Supply, Installation, Configuration & Comprehensive Warranty Support of the supplied cloud virtualization as per the detail solution and technical specification mentioned in the RFP. The provided solution should act as a single umbrella for management and operation. OEM Resident Engineer on its payroll to be deployed for 5 years for all type of technical support (VM creation, Troubleshooting, Patch Management, version upgradation, node expansion, etc.) to **GoO Cloud**.

5.1. Cloud Virtualization Functionality Requirement

1. Detailed design and implementation document should be provided before installation.
2. Installation of server hypervisor, SDN & cloud management platform on 10 no of hosts.
3. Integration with existing GoO Cloud on VMware Platform, as a single entity for overall management from a single console.
4. Integration with existing NTP, Active directory and Domain.
5. Hyper converged blueprints with security policies, security groups & network profiles
6. Business group users can create logical networks, routers, switches, load balancers & firewalls.
7. Design, customize & deploy the work flows as per tenant requirement.
8. Work load segregation through SDN (e.g. production, staging)
9. Customization need to be done for flexibility of deployment can be choose at the time of provisioning a VM between two sites.
10. Smooth migration of VM's between both the sites.
11. Configure replication for 5 VMs between OSDC and IT Centre
12. Self service provisioning
13. Automation, orchestration & Monitoring
14. IaaS, PaaS & all other setup of existing SDC cloud should be available for this new cluster.
15. Container as a service
16. Configuration of dashboards as per site requirement
17. Configuration of reports as required (e.g. Role based access control, Budget configuration visibility, etc..)
18. Testing of Deployed solution
19. OEM's Professional service required for Post implementation support for eight weeks for additional handholding
20. Knowledge Transfer specific to solution deployment
21. 24 x7 Onsite support for 5 Years required from OEM as and when required for resolving all OS (Operating Systems) & Private Cloud solution related issues, including re-installation of OS or re-clustering or re-configuration and other required software procured in this RFP, during support period without any extra cost to the OCAC.
22. Bidder should upgrade the private cloud solution supplied under this RFP and other related software whenever there is new version released for such upgrade without any cost to the OCAC during the contract period including ATS etc.

23. Bidder should provide virtualization private cloud solution & its related other software licenses which will be as expansion of existing On-Premise Private Cloud setup with comprehensive support of 5 year without any extra cost.
24. Bidder has to carryout hardening of OS (Operating System), patch management activity and other configuration on OS, private cloud and its related software, etc., (which is provided under this RFP) as per the requirement of OSDC.
25. Technical and functional documentation of the entire project should be submitted to OSDC in Printed Book Format.
26. The bidder shall provide perpetual licenses for all software components proposed in the solution and should be in name of OSDC.
27. The bidder shall propose Support & Subscription services from the OEM with unlimited number of support requests, remote support, access to product updates/upgrades and 24x7 supports.
28. The bidder shall propose Plan & Design/Architecture services from the OEM. The OEM shall conduct a health-check of the deployed solution and submit a report indicating compliance to reference architecture and best practices. The entire software supplied under this RFP must be installed and configured by OEM only. The bidder to make necessary arrangement for the same and OCAC will not pay any additional cost for implementation by OEM.
29. Detailed process documentation, SOP's and management of solution should be created and submitted before project signoff.
30. Design, deployment, implementation and validation has to be done by OEM professional services team.

5.2. Training

The Bidder will be responsible for training the OSDC Team in the areas of parameterization, implementation, migration, operations, management, error handling, system administration, etc. The training should at least cover the following areas and detailed each and every moduled installed as required for the solution to work efficiently and smoothly:

- i. Functionality available in the solution
- ii. New functionality customized (if any)
- iii. Parameterization
- iv. Impact Analysis
- v. Generating various MIS/EIS reports from the solution provided
- vi. System and Application administration
- vii. Log analysis and monitoring

All the trainings would be held at the OCAC sites and the Bidder has to organize the trainer from OEM.

5.3. Technical Specification

5.3.1. Cloud Management & Orchestration Solution

S/N	Minimum Requirement Specification	Compliance (Yes/No)
1	<p>The solution should support integration with proposed virtualisation platform to automate delivery of virtual compute, virtual storage & virtual networking services. All server vendor should provide utility or tool to enable bare metal server provisioning through automation tool or via lifecycle management software. The offered software should be open standard /enterprise ready with L1-L3 based 24x7 support from OEM, updates and upgrades for the project period. The OEM should have a support centre based out of India with minimum 300 support personnel for easier and faster communication on any support call resolution.</p> <p>The solution should have capability to build service catalogue and should be offered with self-service provisioning capabilities.</p> <p>The solution should have resource pool management capability The solution should have metering capabilities.</p> <p>The solution should provide user authentication and authorization integration capabilities with AD/LDAP provided by OCAC.</p> <p>The solution should provide role base access control using standard authentication and authorization.</p> <p>Access Control interface for all cloud services should be same.</p> <p>The solution should be able to automate and provision data-Centre services such as compute, storage & networking.</p>	
2	<p>The solution should support deployment on open, extensible architecture with multi-vendor hardware support.</p>	
3	<p>The solution will be able to manage Multi-tenant landscape in the delivered Virtualization platform / OpenStack</p> <p>A self-service portal is needed to establish a central point of access. The portal should be configurable and accessible via web browser.</p> <p>Dashboards must be available to allow different customer to control the behaviour and consumption of the services</p> <p>All the users should able to access clouds services always through a Single Web Portal</p> <p>The solution should provide configuration of approval flows.</p> <p>The Solution should allow to define roles and grant permissions to users to access resources at different granularity levels via LDAP/AD.</p>	
4	<p>The solution should integration with Configuration Management Tools to manage & configure servers, networks, storage and applications using Chef/Puppet/Ansible Tower/Nagios etc.</p> <p>The solution should support Automation and Orchestration via both portal and API.</p> <p>The solution should support policy-based orchestration with API support</p>	

	The solution should be able to integrate with third-party Monitoring and alerting tools via RestAPI or any other methods available.	
5	The solution should provide support for Software Defined Networking and auto provisioning of networks.	
6	The solution should provide Policy-based Management i.e. it must include a policy engine to ensure cloud resources and services are managed in accordance with organization policies	
	The solution should include logic to track and manage compliance with regulatory and industry mandates of the server with API/Tools.	
7	The solution should have Service Catalogue for the cloud services and same can be customized.	
	The solution should have Life Cycle Management Work flows: Provisioning, Decommissioning, Horizontal Scale, Upgrade etc.	
8	The solution should provide forecasting spend associated with currently deployed cloud resources and services.	
9	The solution should have ability for work flows to include business approvals	
	The solution should have capabilities around Configuration and Change Management work flows	
10	The solution shall check continuously the load of those resources configured as scalable	
11	The Solution should have the capabilities for customization of dashboards if required.	
	Solution should have ability to provide time period-based reports	
	The solution should have capabilities to generate customized reports.	
12	Solution should allow access and authorization permission criteria to be linked to role definitions rather than to individual user accounts so that these decisions are driven by a user's membership of a role.	
	Solution should support the implementation of Role Based Access Controls (RBAC) for controlling access to resources within cloud.	
	Solution should have a feature to grant administrative capabilities to users on a fine-grained manner using integration with AD/LADP etc.	
	Solution should provide a powerful logging subsystem that can be used to record and audit the activities requested by customers.	
13	The solution will be able to manage Multi tenancy.	
14	A portal is needed to establish a central point of access for CMP functions and enable self-service. The portal should be configurable and accessible via web browser.	
15	Dashboards must be available to allow different customer to control the behaviour and consumption of the services	
16	All the users must be able to access clouds services always through a Single Web Portal	
17	The solution should have Service Catalogue for the cloud services out of the box and provision to add customized services.	
18	The solution should have pre-defined catalogues of templates.	

19	The solution should have Life Cycle Management Work flows: Extensible Capabilities to allow “Self-Management” work flows (Reboot/Restart, Migrate/Upgrade, Scale etc.)	
20	The solution should manage a broad range of compute, storage and network across cloud platforms	
21	The solution should integrate with Software Defined Network (SDN) through API.	
22	The Solution should have the capabilities for customization of dashboards and provide customized reports.	
23	The solution should allow achieve optimal workload management from initial deployment, ongoing rebalance, to retirement and reclamation with complete lifecycle management.	
24	The solution should have capabilities to perform Log retention and Log archival for future access.	

5.3.2. Virtualization Software

S/N	Minimum Requirement Specification	Compliance (Yes/No)
1	The Virtualization software should be based on hypervisor technology which sits directly on top of Hardware (Bare Metal) Offered Virtualization software should be open standard with L1-L3 based 24x7 support from OEM, updates and upgrades for the project period. The OEM should have a support centre based out of India with minimum 300 support personnel for easier and faster communication on any support call resolution.	
2	Virtualization software shall allow heterogeneous support for guest Operating systems like Windows Server, Linux (Red Hat, Ubuntu, CentOS etc.)	
3	Should have the capability for creating VM templates to provision new servers	
4	Should be able to boot from iSCSI, FCoE, FC SAN	
5	Should support VM snapshots to revert back to an older state, if required	
6	Should be able to dynamically allocate and balance computing capacity across collections of hardware resources.	
7	Should support for cluster services between Virtual Machines.	
8	Should support live Virtual Machine migration between two or more servers in a cluster.	
9	Virtualization software shall have High Availability capabilities for the virtual machines. The feature should be independent of Operating System Clustering and should work with FC/ iSCSI SAN and NAS shared storage.	
10	It should able to restrict placement of a VM to a subset of hosts in a cluster and to keep virtual machines paired or separated.	
11	Should provide the capability to live migrate the Virtual Machine files/disks from one storage array.	
12	Should allow for creating virtual Networks that connect virtual machines.	
13	Hypervisor should have inbuilt Distributed Switch/Bridge/Equivalent to centralize	

	network provisioning, administration and monitoring.	
14	Should provide a Web Based Virtualization administrator portal with a graphical management mode for administrators to manage virtual machines, templates, storage, clusters, and Data Centres.	
15	Should monitor utilization across virtual machines and should intelligently allocate available resources among virtual machines.	
16	Should provide Single-view centralized control of Host and VM system monitoring and management	
17	Should have provision for hosts undergoing maintenance to automatically have their guest VMs migrated to other available hosts	
18	It should able to provide VM level isolation for better security.	

Automation Software

S/N	Minimum Requirement Specification	Compliance (Yes/No)
1	The software should able to deploy any application in any set of OS for automation. The offered automation software should support Configuration Management and Application Deployment	
	The offered software should be open standard/open source/enterprise ready in nature with L1-L3 based 24x7 support from OEM, updates and upgrades for the project period. The OEM should have a support Centre based out of India with minimum 300 support personal for easier and faster communication on any support call resolution.	
	The software should support tasks to be perform in one or many hosts simultaneously. The automation software should support Multi-tier Orchestration	
	The software should be agentless and communication using simple SSH.	
	The software should have defined playbook for doing repeated tasks in automated manner. Offered software should be offered with Yet-Another-Markup-Language capability	
2	The automation software should have dashboard for providing heads-up NOC-style display for everything going on in your automation environment. it should show host and inventory status; all the recent job activity and a snapshot of recent job runs.	
3	Solution scripts should run stream in real time. Automates across to play and tasks complete, broken down by each machine, and each success or failure, complete with output, queue view, source control updates or cloud inventory refresh.	
4	The software should able to log activities securely and the same should be viewable later on. The same should support export facility also via API connects. It should support audit trail of all changes made to automation tool itself - job creation, inventory changes, and credential storage, all securely tracked.	
5	Automation status via integrated notifications should be available. it should able to notify a person or team when your job succeeds, or escalate when jobs fail. The same should able to send notifications across organization at once, or customize on a per-job basis. The same notifications should able to SMS, email, and more - or post notifications to a custom webhook to trigger other tools in your infrastructure.	

6	It should support cloud inventory updates, and source control updates and should support scheduled mechanism. It should be able to setup occasional tasks like nightly backups, periodic configuration remediation for compliance, or a full continuous delivery pipeline with just a few clicks.	
7	It should help to manage entire infrastructure and able to pull inventory from public/private cloud providers such as Amazon Web Services, Microsoft Azure, and more.	
8	It should have inbuilt portal mode and survey features to delegate automation job runs to users across the organization - synchronized directly from corporate directories such as LDAP, Active Directory or delegated SAML authentication. With delegation, developers or QA departments should be able to provision their own dev and test environments. Customer service agents can provision a new demo environment or junior admins can run simple jobs - like changing passwords - all at the press of a button.	
9	The software should support system tracking to audit and verify that machines are in compliance. It should help to discover how a machine has changed over time, or compare machines in running cluster to see how they are different.	
10	It should support REST API and CLI for integration with other tools	
	The offered automation software should support containerized deployment to scale at runtime as needed	
	The offered automation tool should provide mapping of organizations and teams from SAML attribute, configuration of two-factor authentication with SAML, use for multiple LDAP servers within the software	
	The offered software should work as OAuth2 consumer, allowing easier integration with third party applications for automation	
	Offered software should be able to cache isolated node facts and resynch at next connects. Automation should be based on humanly readable action scripts based on YAML Proposed solution should come in Highly Available deployable configuration to automate at least 500 logical endpoints like FW, LB, Linux, Windows, Storage, Servers etc Capable to do automation towards virtual infrastructure (vSphere, RHV, etc) Capable to do automation towards network equipment (Cisco, BigSwitch, F5, Arista, etc) Capable to do automation towards storage appliance (Netapps, etc) Capable to do automation towards monitoring tools (Nagios, Sensu, Zabbix, etc) Pull and sync automation job template (script) from source version control i.e. GIT Provide capability to define workflow for multiple automation jobs Proposed solution should have a partner driven network to provide joint certified scripts / reusable content to speed up reliable automation from industry leaders like Arista, Aruba, A10, Checkpoint, Cisco, CyberArk, Dell, F5, HPE, Juniper, Microsoft, VMWare etc Automation should be based on humanly readable action scripts based on YAML Proposed solution should come in Highly Available deployable configuration to automate at least 500 logical endpoints like FW, LB, Linux, Windows, Storage, Servers etc Capable to do automation towards virtual infrastructure (vSphere, RHV, etc) Capable to do automation towards network equipment (Cisco, BigSwitch, F5, Arista, etc) Capable to do automation towards storage appliance (Netapps, etc)	
11		

Capable to do automation towards monitoring tools (Nagios, Sensu, Zabbix, etc)
 Pull and sync automation job template (script) from source version control i.e. GIT
 Provide capability to define workflow for multiple automation jobs
 Proposed solution should have a partner driven network to provide joint certified scripts / reusable content to speed up reliable automation from industry leaders like Arista, Aruba, A10, Checkpoint, Cisco, CyberArk, Dell, F5, HPE, Juniper, Microsoft, VMWare etc

5.3.3. Platform as a Service

S/N	Minimum Requirement Specification	Compliance (Yes/No)
1	The platform shall have capability to run both stateful and stateless applications. It should be enterprise Kubernetes based orchestration for managing the platform.	
2	The platform shall provide container runtime, container orchestration, container management and container monitoring capabilities.	
3	The container platform shall support deployment and orchestration of multiple containers formats (docker,cri-o etc) for preventing any technology lock in.	
4	The platform shall have inbuilt management and monitoring capabilities. It should be offered with suitable container registry capability.	
5	The platform shall have inbuilt automated application container build capability - from source code to a runnable container image.	
6	The platform shall have / support integration with CI / CD tools. Integrated CI / CD tools has to be part of solution.	
7	The platform shall support polyglot technologies as runtime platforms for applications such as - Java, PHP, Python, Ruby, Perl, Node.js, Mysql, PostgreSQL, MongoDB, MariaDB etc.	
8	The platform shall provide auto scaling capability for automatically running appropriate number of container instances as per load requirements.	
9	The platform shall provide auto scaling of application/compute nodes as per load requirement.	
10	The platform shall provide container instance auto healing capability.	
11	The platform shall provide application / container version management, auto build of new application container instance in test environment basis on application code new version commit. Roll back to earlier version.	
12	The platform shall provide deployment strategies support such as - green / blue, canary etc. for ensuring no/minimum downtime for application updates / upgrades.	
13	The platform shall provide centralized logging capability (including applications logs from container instances) for audit, logs analysis & ease of management purpose.	
14	The platform shall provide integrated container native persistent storage capabilities PaaS Layer around 200TB Need to be offered.	
15	The platform shall be deployable using same product on all types of deployment scenarios i.e. - bare-metal servers, virtualized servers, private cloud, public cloud & hybrid cloud.	

16	It should be offered with container scanning capability.	
17	It should be offered with Kubernetes Cluster Federation for multiple site deployment.	
18	The offered platform shall be capable to execute in place upgrade to newer versions whenever new upgrades are available.	
19	The offered platform/product should have minimum of seven years of lifecycle.	
20	It should be offered with suitable IDE for developing container-based applications.	
21	The solution should support multiple x6x86 based server OEM for bare metal deployment, Multiple Hypervisor like VMware, Hyper-V, RHV, OpenStack and multiple public cloud like AWS, GCP, Azure etc.	
22	The solution should be offered for 2 physical servers with 32 core each for application/container deployment for the overall solution landscape with L1-L3 based 24x7 support from OEM, updates and upgrades for the project period. The OEM should have a support Centre based out of India with minimum 300 support personnel for easier and faster communication on any support call resolution. Container should support Service Mesh for microservices visibility, traffic control, security and observation Container platform should provide capabilities to run pods without any mandatory minimum resource configuration requirements. Pods should be able to run with as small as 50 milli core and 50 MB memory. All proposed component of Container platform including monitoring, observability, logging, management should be capable of running on premise without any dependency on any cloud based component The container platform should prevent containers requiring root access from running by default.	
23	Underlying operation system for control plane and worker node must be SELinux enabled by default to protect from CVE vulnerabilities Container platform should support disk encryption for worker and master nodes with AES256 or stronger cipher The container should support FIPS Validated cluster to be able to process cryptographic libraries The container platform should support secure computing (seccomp) feature which provides a way to filter system call availability within a container Container platform should provide OAuth server for token based authentication and RBAC to expose cluster API's and also secure such API by x.509 certificates.	

5.4. Eligibility Criteria

Following table mentions the pre-qualification criteria. A bidder participating in the procurement process shall possess the following minimum pre-qualification/ eligibility criteria. Any bid failing to meet the stated criteria shall be summarily rejected and will not be considered for Technical Evaluation.

5.4.1. Pre-qualification Criteria

Sl. No.	Clause	Documents Required
1.	The bids should be submitted by only Prime Bidder, no consortium is allowed in this bid.	Declaration in this regard needs to be submitted.
2.	The Bidder should have positive net worth during last three financial years, ending 31.03.2020.	A certified document by the Chartered accountant stating the net worth and average annual turnover of the bidder
3.	The Bidder's average annual turnover should be more than (INR) 20 cores in last three financial years and profitable during each of the previous three financial years ending on 31.03.2020. Note: The turnover refers to the Bidder's firm and not the composite turnover of its subsidiaries/sister concerns etc.	Copy of audited profit and loss account/balance sheet/annual report of the last three financial years.
4.	(a) The bidder must be registered under the Companies Act 1956 or a Partnership firm registered under LLP Act, 2008 and must have in operation for a period of at least 5 (Five) years as of March 31, 2020. (b) The company must be registered with appropriate authorities for all applicable statutory duties/taxes	(a) Valid documentary proof for :- ✓ Certificate of incorporation (b) Valid documentary proof for: ✓ GST Identification number (GSTIN) ✓ Income Tax registration/PAN number ✓ Up to date GST Return ✓ Income Tax returns for last three financial years.
5.	Bidder should have experience of Supply, Installation and Warranty/Annual maintenance services for IT Infrastructure projects and should have been in the business for a period exceeding five years as on 31.03.2020.	1. Work Orders confirming year and area of activity 2. Memorandum and Articles of Associations 3. Relevant legal documentation confirming the acquisition/merger, if any

Sl. No.	Clause	Documents Required
6.	The OEM of the products quoted by the bidder should have valid ISO 14000 certification	Copy of the valid certificate.
7.	<p>The 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. From FY 2015-16 to FY 2019-20 :</p> <ul style="list-style-type: none"> ➤ One project of similar nature not less than the amount Rs. 3.2 Crore. <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> ➤ Two projects of similar nature each of which not less than the amount Rs. 2.4 Crore. <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> ➤ Three projects of similar nature each of which is not less than the amount Rs. 1.6 Crore. <p>'Similar Nature' is defined as:-</p> <p>Supply & Installation of Server, Storage, Network Devices and COTS like Database Software/Operating System/Virtualisation Software, etc. and their associated maintenance support services for any Government/Public Sector Enterprises/BFSI in India.</p>	Work order, Completion Certificate or phase completion certificate for ongoing project from the client
8.	The Bidder shall not be under a Declaration of Ineligibility for corrupt or fraudulent practices or blacklisted with any of the Government.	Declaration in this regard by the authorized signatory of the Bidder
9.	I. The Bidder must have a registered Branch office in Odisha or if not having office in Odisha should submit an undertaking to open office within one month after getting the Purchase	A self certified letter by an authorized signatory mentioning the list of IT service engineer/professionals along with their EPF and valid virtualization certificate of the person.

Sl. No.	Clause	Documents Required
	Order. II. The Bidder must have 10 IT Service Engineer/Professionals available in Bhubaneswar (Odisha), out of which minimum one professional should be certified in any of the virtualization technology.	
10.	The bidder should submit the valid letter from the OEMs confirming the followings: <ul style="list-style-type: none"> • Authorization from OEM for the quoted product. • Confirm that the products quoted are not end of life at the time of Bid Submission. • Confirm that the products would be covered under comprehensive warranty for the contract period. • Undertake that the support including spares, patches for the quoted products shall be available for entire contract period. 	a) MAF b) Undertaking from OEM
11.	EMD ₹ 8,00,000/- (Eight lakh only)	
12.	RFP document fee of ₹5,600/- (inclusive of 12% GST)	

6. Bid Evaluation

6.1. Pre-Qualification

- i. Bidder shall comply the Pre-Qualification Criteria metioned in this RFP.
- ii. Bidders only Qualified in the Pre-Qualification Criteria are eligible for Technical bid Evaluation.

6.2. Technical Bid Evaluation

The Technical Evaluation will be based on the following broad parameters:

- i. Compliance to Technical Specifications as specified in the RFP.
- ii. Review of written reply, if any, submitted in response to the clarification sought by OCAC/ OSDC, if any.
- iii. The Compliance Statement by the bidder to the technical specifications along with relevant product brochure, technical documents etc. Bids without proper Compliance Statement will be rejected.

- iv. To assist in the examination, evaluation and comparison of bids, OCAC may, at its discretion, ask any or all the Bidders for clarification and response shall be in writing and no change in the price or substance of the bid shall be sought, offered or permitted.
- v. OCAC may interact with the Customer references submitted by bidder, if required.
- vi. OCAC reserves the right to shortlist bidders based on technical evaluation criteria.
- vii. The onsite warranty services must be provided at OSDC, Bhubaneswar. The bidder must provide the plan / arrangement in escalation matrix, for warranty services to be provided at OSDC, Bhubaneswar
- viii. Acceptance to the terms and conditions laid down in the tender document. A scanned copy of the bid document duly signed by the bidder's authorized representative is to be submitted in token of acceptance of the same. Any deviation in the general terms and condition may lead to the rejection of the bid.

6.3. Commercial Bid

- i. Commercial Bid should be submitted in a sealed envelope as per the format specified in Financial Proposal.
- ii. The PRICE PART shall contain only schedule of rates duly filled in. NO stipulation, deviation, terms & conditions, presumptions etc. is permissible in price part of the bid. OCAC shall not take any cognizance of any such conditions and may at its discretion reject such commercial bid.
- iii. Prices should be given in INR in figures Only.
- iv. Bidders are advised strictly not to alter or change the BOQ format /contents. Bidders are also advised not to paste any image file with BOQ
- v. Price offered by the bidder shall not appear anywhere in any manner in the technical bid.

6.4. Commercial Bid Evaluation

- i. The financial bids/ cover of bidders who qualify in technical evaluation shall be opened at the notified time, date and place by OCAC in the presence of the bidders or their representatives who choose to be present.
- ii. The process of opening of financial bids/ covers shall be similar to that of Pre-Qualification – cum – Technical bids.
- iii. The names of the firms, the rates given by them shall be read out and recorded in tender opening register.

To evaluate a financial bid, the tendering authority shall consider the following: -

- The bid price as quoted in accordance with bidding document.
- Price adjustment for correction of arithmetic errors in accordance with bidding document.

- iv. The evaluation shall include all costs and all taxes and duties applicable to the bidder as per law of the Central/ State Government/ Local Authorities. Treatment of GST etc.
- v. The evaluation shall be made adding all schedules to arrive lowest quoted bid.
- vi. All rates quoted must be FOR destination/on site and should include all taxes, levies and duties. In case of local supplies the rates should include all taxes, etc., and no cartage or transportation charges will be paid by the Government. And the delivery of the goods/services shall be given at the premises/onsite.

6.5. Correction of Arithmetic Errors

Provided that the bid is substantially responsive, the competent Purchase Committee shall correct arithmetical errors on the following basis: -

- i. 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.
- ii. if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and if there is a discrepancy between words and figures, the amount in words shall prevail.

7. Other Terms & Conditions of RFP

7.1. Bid Submission

- i. The bid must be submitted in three separate envelopes as
 - a. Pre-qualification Bid (As mentioned in eligibility conditions format)
 - b. Technical Bid
 - c. Commercial Bid
- ii. The Response to Pre-Qualification, Technical and Commercial Proposal to be covered in separate sealed envelopes super-scribing "Pre-Qualification Proposal" "Technical Proposal" and "Commercial Proposal" respectively.
- iii. Please Note that Prices should not be indicated in the Pre - Qualification or Technical Proposal but should only be indicated in the Commercial Proposal.
- iv. The three envelopes containing copies of Pre-Qualification, Technical and Commercial Proposal must be put in another separate single sealed envelope clearly marked "Response to RFP for < Name of the assignment > - < RFP Reference Number > and the wordings "DO NOT OPEN BEFORE < Date and Time of opening of tender as mentioned in RFP>".
- v. The outer envelope thus prepared should also indicate clearly the name, address, telephone number, E-mail ID and fax number of the bidder to enable the Bid to be returned unopened in case it is declared "Late".

- vi. All the pages of the proposal must be sequentially numbered and must contain the list of contents with page numbers. Page references should be identified easily. If required, All the relevant parts should be highlighted in the bid documents. Any deficiency in the documentation may result in the rejection of the Bid.
- vii. The original proposal/bid shall be prepared in indelible ink. It shall contain no interlineations or overwriting, except as necessary to correct errors made by the bidder itself. Any such corrections must be initialed by the person (or persons) who sign(s) the proposals.
- viii. All pages of the bid including the duplicate copies, shall be initialed and stamped by the person or persons who sign the bid.
- ix. In case of any discrepancy observed by OCAC in the contents of the submitted original paper bid documents with respective copies, the information furnished on original paper bid document will prevail over others.
- x. Bidder must ensure that the information furnished by him in respective CDs is identical to that submitted by him in the original paper bid document. In case of any discrepancy observed by OCAC in the contents of the CDs and original paper bid documents, the information furnished on original paper bid document will prevail over the soft copy.
- xi. The Bidder(s) must submit the Compliance Sheet for Technical Proposal in their official letterhead along with the Datasheet of the item quoted.

7.2. Authentication of Bids

A Proposal should be accompanied by a power-of-attorney/authorization in the name of the signatory of the Proposal.

7.3. Special Conditions of Contract

7.3.1. Price Basis

Price basis should be for OCAC, Bhubaneswar in INR only. Price quoted should be in the prescribed format as per BOQ. The quoted price will be considered firm and no price escalation will be permitted

7.3.2. Billing

Billing is to be done in the name of Odisha Computer Application Centre, Plot No.- N-1/7-D, Acharya Vihar Square, RRL Post Office, Bhubaneswar-751013. The payment would be on the basis of the actual bill of material supplied, duly certified by our authorized representative at OSDC, Bhubaneswar.

7.4. Payment

90% of the invoice value will be paid to the successful bidder, after delivery of equipments/licences with complete installation, commission & final acceptance test, with submission of Performance Bank Guarantee issued from a nationalized / scheduled bank, equivalent to 10% of the amount of the Contract Value. This Bank

Guarantee should remain valid for a period of 60 days beyond the warranty period, commencing from the date of satisfactory completion of entire job.

Remaining 10% of the invoice value will be paid after satisfactory performance of the cloud solution for a period of three months from the date of Final Acceptance Test.

7.5. Warranty

All the items covered in the schedule of the requirements /Bill of Material (BOM), shall carry 24 x 7 Comprehensive Onsite Response Warranty support from OEM . All the items quoted should include 5 years of OEM onsite warranty.

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

8.1. General

The bidders are expected to respond to the RFP 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 Proposal

Form 2: Particulars of the Bidders

Form 3: BG for EMD (or in shape of DD)

Form 4: Manufacturers /Producers Authorization Form

Form 5: Self Declaration against the rule 144 (xi) in GFRs 2017

Forms to be used in Technical Proposal

Form 6: Letter of Proposal

- Compliance Sheet for Technical Proposal
- Escalation matrix should also be provided along with the technical bid.

8.1.1. 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	Provided	Reference & Page Number
1.	Document Fee	Demand Draft	Yes / No	
2	Power of Attorney	Copy of Power of Attorney in the name of the Authorized signatory	Yes / No	
3	Particulars of the Bidders	As per Form 2	Yes / No	
4	Earnest Money Deposit	Demand Draft /Bank Guarantee Form 3	Yes / No	
5	Average Sales Turnover in Hardware & Maintenance services	Extracts from the audited Balance sheet and Profit & Loss; OR Certificate from the statutory auditor	Yes / No	
6	Letter of authorization from OEM	Letter of authorization; as per template provided Form 4	Yes / No	
8	Technical Capability	Copy of work order	Yes / No	
9	Local Service Centres	A Self Certified letter by an authorized signatory	Yes / No	
10	Quality Certifications	ISO 9001 Certification of bidder ISO 14000 certification of the OEM	Yes / No	
11	Legal Entity	Copy of Certificate of Incorporation; GST, PAN, IT return, Up to Date GST Return	Yes / No	
12	Blacklisting & Performance	A self certified letter	Yes / No	
13	Declaration	Self Declaration against the rule 144 (xi) in GFRs 2017 Form 5	Yes/ No	

8.1.2. Form 2: Particulars of the Bidders

Sl. No.	Information Sought	Details to be Furnished
A	Name ,address and URL of the bidding Company	
B	Incorporation status of the firm (public limited / private limited, etc.)	
C	Year of Establishment	
D	Date of registration	
E	RoC Reference No.	
F	Details of company registration	
G	Name, Address, e-mail ID, Phone nos. and Mobile Number of Contact Person	

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

< Location, Date >

To,

The General Manager (Admn)
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

Whereas << name of the bidder >> (hereinafter called the Bidder) has submitted the bid for Submission of RFP # << RFP Number >> dated << insert date >> for << name of the assignment >>(hereinafter called "the Bid") to Odisha Computer Application Centre

Know all Men by these presents that we <<>> having our office at << Address >> (hereinafter called "the Bank") are bound unto the << Nodal Agency >> (hereinafter called "the Purchaser") in the sum of Rs. << Amount in figures >> (Rupees << Amount in words >> only) for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this << insert date >>

The conditions of this obligation are:

1. If the Bidder having its bid withdrawn during the period of bid validity specified by the Bidder on the Bid Form; or
2. If the Bidder, having been notified of the acceptance of its bid by the Purchaser during the period of validity of bid
 - a. Withdraws his participation from the bid during the period of validity of bid document; or
 - b. Fails or refuses to participate for failure to respond in the subsequent Tender process after having been short listed;

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

This guarantee will remain in force up to << insert date >> and including << extra time over and above mandated in the RFP >> from the last date of submission and any demand in respect thereof should reach the Bank not later than the above date.

NOTWITHSTANDING ANYTHING CONTAINED HEREIN:

- I. Our liability under this Bank Guarantee shall not exceed Rs. << Amount in figures >> (Rupees << Amount in words >> only)
- II. This Bank Guarantee shall be valid upto << *insert 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 date* >>) failing which our liability under the guarantee will automatically cease.

(Authorized Signatory of the Bank)

Seal:

Date:

8.1.4. Form 4: Manufacturers /Producers Authorization Form (MAF)

Letter No. _____

Date: _____

To

The General Manager(Admin)
Odisha Computer Application Centre
Bhubaneswar

Sub : OEM Authorization Letter

Dear Sir:

Ref: Your RFP Reference No: XXXXXXXXX

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 - 1: 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.

8.1.5. Form 5: Self Declaration against the rule 144 (xi) in GFRs 2017

<To be in Company Letter Head>

< Location, Date>

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: Self Declaration against the rule 144 (xi) in GFRs 2017.

RFP Reference No: XXXXXXXX

Dear Sir/Madam,

I/ We, represent that company is not a subsidiary/ affiliate/ attached office of any Border Companies as may be banned by Government of India for doing business in India as per revision of GFR rule 2020 or if from such a country, has been statutorily registered with the competent authority as per the procedure laid down in reference to Government Orders in this regards.

I/ We, hereby agree to provide copy of and/ or produced original of all such documents as may be necessarily required to be submitted evidence in this regard.

I/ We, hereby certified that this bidder fulfills all requirements in this regard and is eligible to be considered.

Yours sincerely,

Authorized Signature:

Name and Title of Signatory:

Name of Firm:

Address:

8.1.6. 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 Cloud Virtualization Software for Seamless Integration between IT Centre and Odisha State Data Centre.

Dear Sir/Madam,

We, the undersigned, offer to provide Supply, Installation & Warranty support of IT Infrastructure for Odisha State Data Center, OCAC on with your RFP Ref No : _____ and our Proposal. We are hereby submitting our Proposal, which includes this Technical bid and the Financial Bid sealed in a separate envelope.

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 RFP document. We would hold the terms of our bid valid for 180 days as stipulated in the RFP 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: _____

8.2. Appendix II : Commercial Proposal Templates

The bidders are expected to respond to the RFP using the forms given in this section for Commercial Proposal.

Form 7: Covering Letter

Form 8: Commercial Proposal

8.2.1. Form 7: Covering Letter

< Location, Date >

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 financial bid for Cloud Virtualization Software for Seamless Integration between IT Centre and Odisha State Data Centre.

RFP Reference No: XXXXXXXX

Dear Sir/Madam,

We, the undersigned, offer to provide the Implementation services for IT infrastructure supply & related services in accordance with your Request for Proposal cited above 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:

8.2.2. Form 8: Financial Proposal

RFP Reference No: **XXXXXXXXXX**

COMMERCIAL BID FORMAT

Sl. No.	Item	Bill of Quantity (A)	Unit Price (B)	GST Per Unit (C)	Total Unit Cost (D) (D=B+C)	Total (A x D)
1.	Virtualisaztion solution(Socket/ Node based)	20				
2.	SDN	20				
3.	Cloud management	20				
4.	Container as a service	04				
5.	One time Installation & Implementation by OEM professional for Seamless Integration between IT Centre & GoO Cloud at Odisha State Data Centre (OSDC)					
6.	OEM resident engineer to be provided for Operation & Support Services Payable Quarterly, for the entire Contract Period. (i.e. 4 Qtr @ 1 Year x 5 Years=20 Qtrs)	20				
7.	Training to be provided by OEM on each quoted product (1 batch includes training of 10 persons for 10 working days)					
Grand Total Incuding GST						
Total Cost In Words						

Seal of the Company

Authorised Signatory

“I/WE UNDERSTAND THAT THE QUANTITY PROVIDED ABOVE IS SUBJECT TO CHANGE. I/WE AGREE THAT IN CASE OF ANY CHANGE IN THE QUANTITIES REQUIRED, I/ WE WOULD BE SUPPLYING THE SAME AT THE RATES AS SPECIFIED IN THIS COMMERCIAL BID. I /WE AGREE TO ADHERE TO THE PRICES GIVEN ABOVE EVEN IF THE QUANTITIES UNDERGO A CHANGE”.

9. Performance Bank Guarantee (PBG)

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

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 by 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: