

Request for Proposal

Selection of System Integrator for IPv6 Implementation

Issued by

Odisha Computer Application Centre (OCAC)



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RFP No: "Enq.No:OCAC-TJ-18/2009(vol-5)/ENQ/18008"

Odisha Computer Application Centre

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Disclaimer

Odisha Computer Application Centre (OCAC) intend to implement IPv6 with respect to all IT Infrastructure. This document has been prepared on the basis of available information in OCAC and other publicly available documents which OCAC believes to be reliable. The sole objective of this document (the Request for Proposal or the RFP) is to solicit Commercial and Technical Bids from interested parties for taking part in the Tendering process leading to Selection of System Integrator for IPv6 Implementation.

While this document has been prepared in good faith, no representation or warranty, express or implied, is or shall be made, and no responsibility or liability shall be accepted by OCAC or any of their employees, consultants, advisors or agents as to or in relation to the accuracy or completeness of this document and any liability thereof is hereby expressly disclaimed. Interested Parties may carry out their own study/ analysis/ investigation as required before submitting their Commercial and Technical Bids.

This document does not constitute an offer or invitation, or solicitation of an offer, nor does this document or anything contained herein, shall form a basis of any agreement or commitment whatsoever.

Some of the activities listed to be carried out by OCAC subsequent to the receipt of the responses are indicative only. OCAC has the right to continue with these activities, modify the sequence of activities, add new activities or remove some of the activities, as dictated by the best interests of OCAC.

Glossary of Terms

Abbreviation	Description
BCP	Business Continuity Plan
BG	Bank Guarantee
BHQ	Block Headquarter
CCN	Change Control Note
CD	Compact Disc
CNS	Change Note on Scope of Work
COTS	Commercial off-the-Shelf
DC	Data Centre
DHQ	District Headquarter
DVD	Digital Versatile Disc
EMD	Earnest Money Deposit
EoL	End of Life
EoS	End of support
IT	Information Technology
ITES	Information Technology Enabled Services
MSA	Master Services Agreement
NDA	Non-Disclosure Agreement
OCAC	Odisha Computer Application Centre
OEM	Original Equipment Manufacturer
OSDC	Odisha State Data Centre
OSWAN	Odisha State Wide Area Network
PBG	Performance Bank Guarantee
RFP	Request for Proposal
SecLAN	Secretariat Local Area Network
SHQ	State Headquarter
SI	System Integrator
SLA	Service Level Agreement
SWAN	State Wide Area Network
VHO	Vertical Horizontal Office

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1 Notice Inviting Tender

Date: 02-Feb-2018

Odisha Computer Application Centre (OCAC), having its Registered Office at Plot No: N-1/7D, Acharya Vihar Square, RRL Post Office, Bhubaneswar - 751013, invites responses ("Proposals"/ "Bids") to this Request for Proposal ("RFP") from eligible Bidders to be appointed as System Integrator for IPv6 Implementation.

Interested bidders are advised to study this RFP carefully before submitting their proposals in response to the RFP. Submission of a proposal in response to this RFP shall be deemed to have been done after careful study and examination of this document with full understanding of its terms, conditions and implications.

Interested bidders to download the RFP from the website URL mentioned in the fact sheet. Any subsequent corrigenda/ clarifications shall also be made available on the website URL mentioned in the fact sheet.

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

A firm shall be selected under procedures described in this RFP.

To obtain first-hand information on the assignment, Bidders are encouraged to attend a pre-bid meeting. Attending the pre-bid meeting is optional.

General Manager (Admin)
Odisha Computer Application Centre
Plotno.-N-1/7-D, Acharya Vihar Square
P.O.-RRL, Bhubaneswar-751013
Odisha

2 Fact Sheet

Tender Inviting Authority	Odisha Computer Application Centre (OCAC)
Name of the Project Work	Selection of System Integrator for IPv6 Implementation
Tender/ RFP Reference No.	Enq.No:OCAC-TJ-18/2009(vol-5)/ENQ/18008
Place of availability of Tender Documents (RFPs)	Website of Odisha Computer Application Centre (OCAC): http://www.ocac.in/
Tender Document (RFP)	Request for Proposal Document
Tender Type (Open/ Limited/ EOI/ Auction/ Single)	Open
Tender Category (Services/ Goods/ works)	Goods & Services
Type/ Form of Contract (Work/ Supply/ Auction/ Service/ Buy/ Empanelment/ Sell)	Supply & Services
Re-bid submission allowed by the bidder (Yes/ No)	No
Withdrawal Allowed (Yes/ No)	Yes (on/ before the last date and time of bid submission)
Is Multi Currency Allowed	No (Only Indian Rupees)
Payment Mode (Online/ Offline)	Offline
One time Procurement	Yes
Bid Validity days (180/ 120/ 90/ 60/ 30)	180 days
Location (Work/ Services/ Items/ As per Tender Document)	As per tender document
Cost of Tender Document	Rupees Ten Thousand only (INR. 10,000/-) To be paid by submitting a non-refundable Demand Draft from any Scheduled Commercial Bank/ Nationalized Bank drawn in favor of "Odisha Computer Application Centre", payable at Bhubaneswar.
Earnest Money Deposit (EMD)	Rupees Two Crore Fifty Lac only (INR 2,50,00,000/-) To be paid by submitting a Refundable & Irrevocable Bank Guarantee from any Scheduled Commercial Bank/ Nationalized Bank drawn in favor of "Odisha Computer Application Centre", payable at Bhubaneswar valid for a period of minimum One Year
Address to send Pre-bid Queries	General Manager (Admin) Odisha Computer Application Centre Plotno.-N-1/7-D, Acharya Vihar Square P.O.-RRL, Bhubaneswar-751013 Odisha Phone: 0674-2567064/2567280, Fax: 91-0674-2567842 E-Mail: gm_ocac@ocac.in Website : http://www.ocac.in/
Nature of Bid Process	Three stage bidding in three envelopes 1. Envelope - I

	<ul style="list-style-type: none"> • Eligibility Criteria 2. Envelope - II <ul style="list-style-type: none"> • Technical Evaluation 3. Envelope - III <ul style="list-style-type: none"> • Commercial Evaluation
Method of Selection	Least Cost/ Lowest Cost (L1)
Last Date for Submission of written queries by bidders	07-Feb-2018 (Only queries received in writing or email by last date for submission of queries by Bidders shall be discussed during the pre-bid meeting)
Date of Pre-bid Meeting	08-Feb-2018 at 02:00 PM
Place for Pre-bid Meeting	Odisha Computer Application Centre Plotno.-N-1/7-D, Acharya Vihar Square, P.O.-RRL, Bhubaneswar-751013
Last date and time for Submission of Bids	27-Feb-2018 at 02:00 PM
Opening of Eligibility Criteria Bids	27-Feb-2018 at 04:00 PM
Opening of Technical Bids	06-Mar-2018 at 11:00 AM
Opening of Commercial Bids	16-Mar-2018 at 04:00 PM
Address for Communication	General Manager (Admin) Odisha Computer Application Centre Plotno.-N-1/7-D, Acharya Vihar Square, P.O.-RRL, Bhubaneswar-751013 Phone: 0674-2567064/ 2567280, Fax: 91-0674-2567842 E-Mail: gm_ocac@ocac.in, contact@ocac.in Website : http://www.ocac.in

3 About OCAC & Project Background

The Department of Electronics & Information Technology is the nodal Department for Government of Odisha in the matters of IT, ITES and Communication. The Department plays a vital role in formulating and implementing policy matters in Information Technology, ITES, Electronics and Telecom; promotion of Odisha as an ultimate ICT destination for investment and facilitating ICT industries; assisting other department for effective e-Governance and capacity building; promotion of ICT based education in the State.

Odisha Computer Application Centre (OCAC), the Technical Directorate of Electronics & Information Technology Department, Government of Odisha, has evolved through years as a centre of excellence in IT solutions and e-Governance. It has contributed significantly to the steady growth of IT in the State. It helps IT to reach the common citizen so as to narrow down the Digital Divide and widespread applications of IT in establishing a system where the citizens are receiving good governance in addition to ensuring speed of decisions from a transparent Government through an effective e-Governance System.

As per National IPv6 deployment roadmap released by Government of India in July 2010, all the Central and State Government Departments and Organizations are required to use IPv6 services. In view of the above, OCAC, Government of Odisha intends to upgrade its existing IPv4 based infrastructure to IPv6.. In order to successfully and professionally implement this initiative, the Directorate needs to appoint Implementing Agency who is thoroughly experienced and capable to manage such projects. Implementing Agency should ensure that all the equipment and components designed and proposed must conform to the open global standards and universal protocols. Consequently, interoperability of heterogeneous components across vendor, make or model shall have to be meticulously ensured. The objective of this document is to solicit Commercial and Technical Bids from interested parties for taking part in the Tendering process leading to Selection of suitable System Integrator for IPv6 Implementation.

4 Instructions to the Bidders

4.1 Preparation of Bids

- 4.1.1 Bidder should take into account any corrigendum published on the RFP before submitting their bids
- 4.1.2 Please go through the tender advertisement and the RFP carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

4.2 Submission of Bids

- 4.2.1 Standard formats have been provided in the RFP to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their bids in the format provided and no other format is acceptable.
- 4.2.2 The Commercial Bid Template has been provided with the RFP to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their commercial bids in the format provided and no other format is acceptable.

4.3 Assistance to Bidders

- 4.3.1 Any queries relating to the RFP and the terms and conditions contained therein should be addressed to the OCAC at address mentioned in the Section 2 – Fact Sheet

4.4 Cost to Bid

- 4.4.1 The Bidder shall bear all costs associated with the preparation and submission of its bid, including cost of presentation for the purposes of clarification of the bid, if so desired by the OCAC. The OCAC shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the Tendering process.

4.5 Contents of the RFP

- 4.5.1 The Bidder is expected to examine all Sections and Annexures in the RFP and furnish all information as stipulated therein

4.6 Clarification on RFP

- 4.6.1 A prospective Bidder requiring any clarification on the RFP may submit his queries, in writing, at the Purchaser's mailing address and email mentioned in Section 2 – Fact Sheet. Queries must be submitted in the format mentioned in Annexure III - Forms.
- 4.6.2 The Purchaser shall not respond to any queries not adhering as per the format mentioned in Annexure III - Forms
- 4.6.3 All queries on the RFP should be received on or before as prescribed by the Purchaser in Section 2 – Fact Sheet

Note: The purchaser shall prepare a record of the Pre-Bid Meeting, and circulate to the Bidders and upload the same on the website..

4.7 Amendment of the RFP

- 4.7.1 At any time prior to the last date and time for receipt of bids, the purchaser, may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the RFP by an amendment. The amendment shall be notified on

OCAC portal <http://www.ocac.in> and should be taken into consideration by the prospective agencies while preparing their bids.

- 4.7.2 In order to provide prospective Bidders reasonable time in which to take the amendment into account in preparing their bids, the Purchaser may, at its discretion, extend the last date for the receipt of Bids

4.8 Language of Bids

- 4.8.1 The Bids prepared by the Bidder and all correspondence and documents relating to the bids exchanged by the Bidder and the Purchaser, shall be written in English language however, any printed literature furnished by the Bidder may be written in another language provided that the same is accompanied by its English translation in which case, for purposes of interpretation of the bid, the English translation shall govern

4.9 Documents Comprising the Bids

The bid prepared by the Bidder shall comprise of the following components:

- 4.9.1 Eligibility Criteria - The Eligibility Criteria Bid shall comprise of the following:
- a. Cost of Tender Document in the form of Demand Draft
 - b. EMD in the form of Refundable & Irrevocable Bank Guarantee
 - c. Form A.3: Eligibility Criteria Cover Letter (Company Letter head)
 - d. Form A.4: Eligibility Criteria Compliance Checklist
 - e. Form A.5: Turnover and Net worth Certificate
 - f. Form A.6: Conflict of Interest (Company Letter head)
 - g. Form A.7: Format for Power of Attorney executed in favour of the Authorized Signatory
- 4.9.2 Technical Bid - The Technical Bid shall comprise of the following:
- a. Form A.5: Turnover and Net worth Certificate
 - b. Form A.8: Technical Bid Cover Letter (Company Letter head)
 - c. Form A.9: Technical Bid Compliance Checklist
 - d. Form A.10: Approach, Methodology and Solution Proposed with Work Plan and Staffing Schedule
 - e. Form A.11: Format for Project Citation/ Case Studies
 - f. Form A.12: CV Format for proposed Project Team
 - g. Form A.13: Format for Manpower Details
 - h. Form A.14: Manufacturer's Authorization Format (MAF) from OEM
 - i. Technical Specification Compliance as per Annexure II – Minimum Technical Specifications
- 4.9.3 Commercial Bid - The Commercial Bid shall comprise of the following:
- a. Form A.15: Commercial Bid Letter (Company Letter head)
 - b. Form A.16: Commercial Bid

4.10 Procedure for Submission of bids

- 4.10.1 The bid prepared by the Bidder shall comprise of the following envelopes:
- a. Envelope - I (Eligibility Criteria – 2 copies, including Original, in one cover)
 - b. Envelope – II (Technical Bid - 2 copies, including Original, in one cover)
 - c. Envelope – III (Commercial Bid in one cover)
 - d. Envelope – IV (to contain Envelope – I, Envelope – II and Envelope - III)

4.10.2 Each copy of Eligibility Criteria, Technical Bid and Commercial Bid of the RFP should be covered in separate sealed covers super-scribing "Eligibility Criteria", "Technical Bid" and "Commercial Bid" as the case may be. All envelopes of each bid should be marked as "Original", "First copy" and "Second copy" as the case may be. All the copies of each bid should be put in a single sealed cover super-scribing "Eligibility Criteria", "Technical Bid" and "Commercial Bid" as the case may be.

Note: Prices should not be indicated/ mentioned in the Eligibility Criteria and Technical Bid but should only be mentioned in the Commercial Bid.

4.10.3 The three envelopes containing of Eligibility Criteria, Technical Bid and Commercial Bid should be put in another single sealed envelope clearly marked "Selection of System Integrator for IPv6 Implementation by OCAC". These envelopes are to be super scribed with Tender Reference No. and the wordings "NOT TO BE OPEN BEFORE THE DATE AND TIME OF BID OPENING". If the envelope is not marked as specified above, OCAC shall not assume any responsibility for its misplacement, pre-mature opening etc.

4.10.4 The Bidder shall mark its name and tender reference number on the back of the Demand Draft before sealing the same

4.10.5 The cover 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"

4.10.6 Bid documents should be page numbered and appropriately flagged and must contain the list of contents with page numbers. Different copies must be bound separately. Any deficiency in the documentation may result in the rejection of the Bid.

4.10.7 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 shall prevail over others

4.10.8 As part of the bid, Bidder should also provide the "Eligibility Criteria" and "Technical Bid" in soft copy format, in the form of a non-re-writeable CDs/ DVDs as follows:

- a. Two copies of CDs/ DVDs each containing the Eligibility Criteria - The CDs/ DVDs containing Eligibility Criteria should be sealed along with the hard copies of the respective Eligibility Criteria
- b. Two copies of CDs/ DVDs each containing the Technical Bid - The CDs/ DVDs containing Technical bid should be sealed along with the hard copies of the respective Technical bids
- c. All CDs/ DVDs submitted by the Bidder must be in sealed covers. The sealed covers as well as the CDs/ DVDs media must be duly signed by the Bidder using a "Permanent Pen/ Marker", should be super-scribed with "Eligibility Criteria - Soft Copy" / "Technical Bid - Soft Copy" (as the case may be) and should bear the name of the Bidder.
- d. Bidder must ensure that the information furnished by him in respective CDs/ DVDs 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/ DVDs and original paper bid documents, the information furnished on original paper bid document shall prevail over the soft copy.
- e. Bidder must ensure that Eligibility Criteria and Technical Bids CDs/ DVDs do not contain any Commercial items/ prices

4.11 Bid Prices

- 4.11.1 The Bidder shall indicate in the pro forma prescribed, the unit rates and total Bid Prices of the equipment/ services, it proposes to provide under the Contract. Prices should be shown separately for each item as detailed in RFP.
- 4.11.2 In absence of information requested in above Clause, a bid may be considered incomplete and be summarily rejected
- 4.11.3 The Bidder shall prepare the bid based on details provided in the RFP. It must be clearly understood that the Scope of Work is intended to give the Bidder an idea about the order and magnitude of the work and is not in any way exhaustive and guaranteed by the Purchaser. The Bidder shall carry out all the tasks in accordance with the requirement of the RFP and it shall be the responsibility of the Bidder to fully meet all the requirements of the RFP.

4.12 Firm Prices

- 4.12.1 Prices quoted in the bid must be firm and final and shall not be subject to any upward modifications, on any account whatsoever. However, the Purchaser reserves the right to negotiate the prices quoted the successful Bidder to effect downward modification. The Bid Prices shall be indicated in Indian Rupees (INR) only.
- 4.12.2 The Commercial bid should clearly indicate the price to be charged and Taxes shall be applicable as per actuals. It is mandatory that such charges wherever applicable/ payable should be indicated separately. However, should there be a change in the applicable taxes, the same may apply.

4.13 Discount

- 4.13.1 The Bidders are advised not to indicate any separate discount in the Commercial Bid. Discount, if any, should be merged with the quoted prices. Discount of any type, indicated separately, shall not be taken into account for evaluation purpose. However, in the event of such an offer is found to be the lowest without taking into account the discount, the Purchaser shall avail such discount at the time of award of Contract.

4.14 Bidder Qualification

- 4.14.1 The "Bidder" as used in the RFP shall mean the one who has signed the Tender Form. The Bidder may be either the Principal Officer or his duly Authorized Representative, in either cases he/ she shall submit a certificate of authority. All certificates and documents (including any clarifications sought and any subsequent correspondences) received hereby, shall, as far as possible, be furnished and signed by the authorized representative and the principal officer.
- 4.14.2 It is further clarified that the individual signing the tender or other documents in connection with the tender must certify whether he/she signs as the Constituted attorney of the firm, or a company
- 4.14.3 The authorization shall be indicated by written Power-of-Attorney accompanying the bid
- 4.14.4 The power or authorization and any other document consisting of adequate proof of the ability of the signatory to bind the Bidder shall be annexed to the bid
- 4.14.5 Any change in the Principal Officer or his duly Authorized Representative shall be intimated to OCAC in advance

4.15 Earnest Money Deposit (EMD)

- 4.15.1 The Bidder shall furnish, as part of its bid, an Earnest Money Deposit (EMD) of the amount mentioned in the Section 2 – Fact Sheet
- 4.15.2 The EMD is required to protect the Purchaser against the risk of Bidder's conduct which would warrant the security's forfeiture, pursuant to Section 8– Scope of Work
- 4.15.3 The EMD must be submitted as Bank Guarantee of any Scheduled Commercial Bank/ Nationalized Bank drawn in favour of OCAC, payable at Bhubaneswar
- 4.15.4 Unsuccessful Bidder's EMD shall be discharged/ returned on or before the 30th day after award of Contract to the successful Bidder
- 4.15.5 The successful Bidder's EMD shall be discharged upon the bidder executing the Contract, pursuant to Clause 4.30 - Award of Contract and furnishing the Bank Guarantee, pursuant to Clause 4.16 – Performance Bank Guarantee
- 4.15.6 No interest shall be paid by the Purchaser on the EMD.

The EMD may be forfeited:

- a. if Bidder withdraws its bid during the period of bid validity specified by the Bidder in the Bid; or
- b. in the case of a successful Bidder, if the Bidder fails;
 - i. to sign the Contract in accordance with Clause 4.30 - Award of Contract; or
 - ii. to furnish Bank Guarantee for Contract Performance in accordance with Clause 4.16 – Performance Bank Guarantee

4.16 Performance Bank Guarantee

- 4.16.1 Performance Bank Guarantee has to be made in the form of Bank Guarantee from any Scheduled Commercial Bank/ Nationalized Bank drawn in favour of OCAC, payable at Bhubaneswar equivalent to ten percent (10%) of the Contract Value before signing of the Contract
- 4.16.2 Validity: Valid for the entire Project term. The BG shall be released after Project Term or execution of all pending Work Orders, whichever is later
- 4.16.3 Instrument: One single deposit in the form of Bank Guarantee
- 4.16.4 In the event of termination, Purchaser may Invoke the Performance Bank Guarantee, recover such other direct costs and other amounts towards direct damages from the Agency that may have resulted from such default and pursue such other rights and/ or remedies that may be available to the Purchaser under law
- 4.16.5 Within 21 days of the receipt of notification of award from the Purchaser, the successful bidder shall furnish the performance security in the form of Performance Bank Guarantee valid for a period of 88 months in accordance with the Conditions of Contract
- 4.16.6 Failure of the successful Bidder to comply with the requirement of above Clause shall constitute sufficient grounds for the annulment of the award and forfeiture of the EMD

4.17 Period of Validity of Bids

- 4.17.1 Bids shall remain valid for period mentioned in Section 2 – Fact Sheet after the date of opening of Eligibility Criteria. A bid valid for a shorter period may be rejected by the Purchaser as non-responsive.
- 4.17.2 In exceptional circumstances, the Purchaser may request the Bidder(s) for an extension of the period of validity up to 90 days. The request and the responses thereto shall be made in

writing (or through e-mail). The validity of EMD provided under above Clause may also be extended if required.

4.18 Format and Signing of Bid

- 4.18.1 The original and all copies of the bid shall be typed or written in indelible ink. The original and all copies shall be signed by the Bidder or a person or persons duly authorized to bind the Bidder to the Contract. All pages of the bid, except for un-amended printed literature, shall be initialled and stamped by the person(s) signing the bid.
- 4.18.2 The response to the bid should be submitted along with legible, appropriately indexed, duly filled Information sheets and sufficient documentary evidence as per RFP. Responses with illegible, incomplete Information sheets or insufficient documentary evidence shall be rejected.
- 4.18.3 The bid shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the Bidder, in which case such corrections shall be initialled by the person or persons signing the bid
- 4.18.4 The Bidder shall duly sign and seal its bid with the exact name of the firm/ company to whom the Contract is to be issued

4.19 Revelation of Prices

- 4.19.1 Prices in any form or by any reason before opening the Commercial Bid should not be revealed, failing which the offer shall be liable to be rejected

4.20 Terms and Conditions of Bidders

- 4.20.1 Any terms and conditions of the Bidders shall not be considered as forming part of their Bids

4.21 Consortium

- 4.21.1 Consortium is not allowed

4.22 Last Date for Receipt of Bids

- 4.22.1 Bids shall be received by the Purchaser at the address specified under Section 2 – Fact Sheet no later than the time and date specified in Section 2 – Fact Sheet. In the event of the specified date for the receipt of Bids being declared a holiday for the Purchaser, only hard copy of EMD shall be received up to the appointed time on the next working day.
- 4.22.2 The Purchaser may, at its discretion, extend the last date for the receipt of bids by amending the RFP, in which case all rights and obligations of the Purchaser and Bidders previously subject to the last date shall thereafter be subject to the last date as extended

4.23 Late Bids

- 4.23.1 Any bid received by the Purchaser after the last date and time for receipt of bids prescribed by the Purchaser, pursuant to Section 2 – Fact Sheet, shall be rejected

4.24 Modification and Withdrawal of Bids

- 4.24.1 No bid may be altered/ modified subsequent to the closing time and date for receipt of bids. Unsolicited correspondences from Bidders shall not be considered.
- 4.24.2 No bid may be withdrawn in the interval between the last date for receipt of bids and the expiry of the bid validity period specified by the Bidder in the Bid. Withdrawal of a bid during this interval may result in the Bidder's forfeiture of its EMD and shall be declared a

“defaulting bidder”. In such situation the tendering process shall be continued with the remaining bidders as per their ranking.

- 4.24.3 If the bidder relents after being declared as selected bidder, it shall be declared as defaulting bidder and EMD of such defaulting bidder shall be forfeited and OCAC reserves right to blacklist/ debarred such bidder for next 3 years from participating in any OCAC tender. In such situation, the tendering process shall be continued with the remaining bidders as per their ranking.

4.25 Contacting the Purchaser

- 4.25.1 No Bidder shall contact the Purchaser on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded
- 4.25.2 Any effort by a Bidder to influence the Purchaser’s bid evaluation, bid comparison or Contract award decisions may result in the rejection of the Bidder’s bid

4.26 Opening of Technical Bids by Purchaser

- 4.26.1 The Purchaser shall convene a bid opening session as per time schedule where one representative from the Bidder, who has successfully submitted the bid, can participate. Subsequent to this, Purchaser shall further evaluate the Bid of only those agencies whose EMD is found to be in order.

4.27 Purchaser's Right to Vary Scope of Contract

- 4.27.1 The Purchaser may at any time, by a written order given to the Bidder, make changes to the Scope of the Contract as specified
- 4.27.2 If any such change causes an increase or decrease in the cost of, or the time required for the Bidder’s performance of any part of the work under the Contract, whether changed or not changed by the order, an equitable adjustment shall be made in the Contract Value or time schedule, or both, as decided by the committee and the Contract shall accordingly be amended. Any claims by the Bidder for adjustment under this Clause must be asserted within thirty (30) days from the date of the Bidder’s receipt of the Purchaser’s changed order.

4.28 Purchaser's Right to Accept Any Bid and to Reject Any or All Bids

- 4.28.1 The Purchaser reserves the right to accept any or all bid, and to annul the Tendering process or reject all bids 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 the Purchaser’s action

4.29 Notification of Award

- 4.29.1 Prior to the expiry of the period of bid validity, pursuant to Clause 4.17 - Period of Validity of Bid, the Purchaser shall notify the successful Bidder by registered letter to confirm in writing that its bid has been accepted
- 4.29.2 The notification of award shall constitute the formation of the Contract
- 4.29.3 Upon the successful Bidder’s furnishing of Performance Bank Guarantee for contract performance, the Purchaser may notify each unsuccessful Bidder and shall discharge their EMD

4.30 Award of Contract

- 4.30.1 There shall be only one successful Bidder

- 4.30.2 At the same time as the Purchaser notifies the successful Bidder that its bid has been accepted, the Purchaser shall send the Bidder the pro forma for Contract incorporating all agreements between the parties
- 4.30.3 Within 7 days of receipt of the Contract, the successful Bidder shall sign and date the Contract and return it to the Purchaser
- 4.30.4 Keeping in view the project commitment, OCAC reserves the right to ask the vendor to add new features/ process or modify the existing solution to take care the service delivery for matching the project requirements as and when required
- 4.30.5 Bidder has to agree for honouring all RFP conditions and adherence to all aspects of fair trade practices in executing the work orders placed by OCAC
- 4.30.6 If the name of the system/ service/ process is changed for describing substantially the same in a renamed form; then all techno-fiscal benefits agreed with respect to the original product, shall be passed on to OCAC and the obligations with OCAC taken by the Vendor with respect to the product with the old name shall be passed on along with the product so renamed
- 4.30.7 In the case of Bidder whose bids are accepted, bidder shall be required to give Performance Bank Guarantee as mentioned in Clause 4.16 – Performance Bank Guarantee
- 4.30.8 OCAC may, at any time, terminate the contact by giving written notice to the Bidder without any compensation, if the Bidder becomes bankrupt or otherwise insolvent, provided that such termination shall not prejudice or affect any right of action or remedy which has accrued or shall accrue thereafter to OCAC
- 4.30.9 If at any time, during the period of Contract including the extended period, the bidder offers identical services/ products to any other Govt. Department/ Organization at prices lower than those chargeable under this Contract he shall notify the same to the purchaser and extend such reduced prices to the purchaser with immediate effect. In the event of lowering of government levies subsequent to the finalization of the Contract, the Bidder shall automatically pass on the benefits to OCAC, and in the event of increasing of government levies subsequent to the finalization of the panel; OCAC shall automatically pass the benefits to the Bidder, if the same have been explicitly given in this RFP.
- 4.30.10 If at any point during the Contract, if the Bidder fails to, deliver as per the RFP terms and conditions or any other reason amounting to disruption in service, the Termination and Exit Management clause shall be invoked

4.31 Placing of work Order

- 4.31.1 Quantities mentioned “Annexure I – Indicative Bill of Material” are indicative and OCAC reserves the right at the time of award of Work Order to increase or decrease the quantity of goods and/ or services from what was originally specified while floating the RFP without any change in unit price or any other terms and conditions
- 4.31.2 For procurement of Hardware/ software/ solution/ system/ service, Work Order shall be placed on the successful bidder in hardcopy format or in softcopy mode either through e-mail containing the scanned copy of the Work Order or an alert through e-mail for downloading the Work Order from website of OCAC
- 4.31.3 Objection, if any, to the Work Order must be reported to OCAC by the successful Bidder within five (5) working days counted from the date of Work Order for modifications, otherwise it is assumed that the vendor has accepted the Work Order in too

- 4.31.4 If the successful Bidder is not able to supply/ deploy/ operationalize the ordered hardware/ software/ solution/ system/ service/ process completely within the specified period, the penalty clause shall be invoked
- 4.31.5 The decision of OCAC shall be final and binding on all the bidders to this RFP. OCAC reserves the right to accept or reject an offer without assigning any reason whatsoever.

4.32 Tender Related Condition

- 4.32.1 The Bidder should confirm unconditional acceptance of full responsibility of completion of job and for executing the 'Scope of Work' of this RFP. This confirmation should be submitted as part of the Technical Bid. The Bidder shall also be the sole point of contact for all purposes of the Contract.
- 4.32.2 The Bidder should not be involved in any litigation that may have an impact of affecting or compromising the delivery of goods and services as required under this Contract. If at any stage of Tendering process or during the currency of the Contract, any suppression/ falsification of such information is brought to the knowledge of the Purchaser, the Purchaser shall have the right to reject the bid or terminate the Contract, as the case may be, without any compensation to the Bidder.

4.33 Rejection Criteria

- 4.33.1 Besides other conditions and terms highlighted in the RFP, bids may be rejected under following circumstances:
- a. Eligibility Rejection Criteria
 - i. Bids submitted without or improper EMD
 - ii. Eligibility Criteria containing commercial details
 - iii. Bids received through Telex/ Telegraphic/ Fax/ E-Mail except, wherever required, shall not be considered for evaluation
 - iv. Bids which do not conform unconditional validity of the bid as prescribed in the RFP
 - v. If the information provided by the Bidder is found to be incorrect/ misleading at any stage/ time during the Tendering Process
 - vi. Any effort on the part of a Bidder to influence the Purchaser's bid evaluation, bid comparison or Contract award decisions
 - vii. Bids received by the Purchaser after the last date for receipt of bids prescribed by the Purchaser, pursuant to Section 2 – Fact Sheet
 - viii. Bids without power of authorization and any other document consisting of adequate proof of the ability of the signatory to bind the Bidder
 - b. Technical Rejection Criteria
 - i. Technical Bid containing commercial details
 - ii. Revelation of Prices in any form or by any reason before opening the Commercial Bid
 - iii. Failure to furnish all information required by the RFP or submission of a bid not substantially responsive to the RFP in every respect
 - iv. Bidder not quoting for the complete Scope of Work as indicated in the RFP, addendum (if any) and any subsequent information given to the Bidder
 - v. Bidders not complying with the Material Technical by way of functionality, specifications and General Terms and conditions as stated in the RFP
 - vi. The Bidder not conforming unconditional acceptance of full responsibility of providing Goods and Services in accordance with the Section 8 - Scope of Work and Section 5 – General Conditions of Contract

- vii. If the Bid does not conform to the timelines indicated in the Bid
- viii. Bidder not scoring minimum marks as mentioned in the RFP
- c. Commercial Rejection Criteria
 - i. Incomplete Commercial Bid
 - ii. Commercial Bids that do not conform to the RFP's Commercial Bid format
 - iii. Total price quoted by the Bidder does not include all statutory taxes and levies applicable
 - iv. If there is an arithmetic discrepancy in the commercial bid calculations, the Purchaser shall rectify the same. If the Bidder does not accept the correction of the errors, its bid may be rejected.
 - v. If bidder quotes NIL charges/ consideration, the bid shall be treated as unresponsive and shall not be considered

4.34 Fraud and Corrupt Practices

- 4.34.1 The Bidders and their respective officers, employees, agents and advisers shall observe the highest standard of ethics during the Bidding Process and subsequent to the issue of the Work Order and during the subsistence of the Contract. Notwithstanding anything to the contrary contained herein, or in the Work Order or the Contract, the Purchaser may reject a Bid, withdraw the Work Order, or terminate the Contract, as the case may be, without being liable in any manner whatsoever to the Bidder, as the case may be, if it determines that the Bidder, as the case may be, has, directly or indirectly or through an agent, engaged in corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice in the Bidding Process. In such an event, the Purchaser shall be entitled to forfeit and appropriate the EMD or Performance Bank Guarantee, as the case may be, as Damages, without prejudice to any other right or remedy that may be available to the Purchaser under the Bidding Documents and/ or the Contract, or otherwise.
- 4.34.2 Without prejudice to the rights of the Purchaser under above Clause and the rights and remedies which the Purchaser may have under the Work Order, or otherwise if a Bidder, as the case may be, is found by the Purchaser 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 Bidding Process, or after the issue of the Work Order or the execution of the Contract, such Bidder shall not be eligible to participate in any tender or RFP issued by the Purchaser during a period of 2 (two) years from the date such Bidder, as the case may be, is found by the Purchaser to have directly or indirectly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practices, as the case may be.
- 4.34.3 For the purposes of the Clause 4.35 – Fraud and corrupt Practices, 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 actions of any person connected with the Bidding Process (for avoidance of doubt, offering of employment to or employing or engaging in any manner whatsoever, directly or indirectly, any official of the Authority who is or has been associated in any manner, directly or indirectly, with the Bidding Process or the Work Order or has dealt with matters concerning the Contract or arising therefrom, before or after the execution thereof, at any time prior to the expiry of one year from the date such official resigns or retires from or otherwise ceases to be in the service of the Authority, shall be deemed to constitute influencing the actions of a person connected with the Bidding Process); or (ii) save, engaging in any manner whatsoever, whether during the Bidding

Process or after the issue of the Work Order or after the execution of the Contract, as the case may be, any person in respect of any matter relating to the Project or the Work Order or the Contract, who at any time has been or is a legal, financial or technical adviser of the Purchaser in relation to any matter concerning the Project;

- b. "fraudulent practice" means a misrepresentation or omission of facts or suppression of facts or disclosure of incomplete facts, in order to influence the Bidding Process;
- c. "coercive practice" means impairing or harming, or threatening to impair or harm, directly or indirectly, any person or property to influence any person's participation or action in the Bidding Process;
- d. "undesirable practice" means (i) establishing contact with any person connected with or employed or engaged by the Authority with the objective of canvassing, lobbying or in any manner influencing or attempting to influence the Bidding 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 Bidding Process

5 General Conditions of the Contract

5.1 Definitions

In this RFP, unless the context otherwise requires

1. "Abandons" means Bidder has substantially reduced personnel at the Site or removed required equipment from the Site such that the Bidder would not be capable of maintaining or sufficiently discharging its obligations under the Contract
2. "Agreement" or "Contract" or "MSA" means this Master Services Agreement together with RFP and all the Annexures, the Letter of Intent issued by OCAC, the acceptance letter from the Bidder together with the schedules and any addendum/s, corrigendum/s issued and shall include any modifications, alterations, additions or deletions thereto agreed between the Parties in writing after the date hereof in terms of this Agreement
3. "Applicable Laws" includes all applicable statutes, enactments, acts of legislature or laws, ordinances, rules, by-laws, regulations, notifications, guidelines, policies, directions, directives, requirement or other governmental restriction and orders or judgements of any Governmental authority, tribunal, board, court or other quasi-judicial authority or other governmental restriction or any similar form of decision applicable to the relevant Party and as may be in effect on the date of execution of the Contract and during the subsistence thereof, applicable to the Project
4. "Bill of Material" or "BoM" means the bill of material regarding IPv6 implementation provided by bidder in its Proposal, stating the prices and the quantity of the materials to be procured by the Bidder (on behalf of OCAC) in pursuant to the specifications more elaborately stated in RFP and also stated in Annexure I – Indicative Bill of Material
5. "Confidential Information" means all information as defined in Section 5 - General Conditions of the Contract
6. "Contract Value" means the price payable to the Bidder under this Contract for the full and proper performance of its contractual obligations
7. "Data" shall mean any record, transaction, document and information related to the Project which includes, but not limited to, any matter or thing tangible or intangible, factual, fictitious or imaginary, hypothetical or abstract, known or unknown, accurate or inaccurate provided by OCAC to Bidder and includes any thought, form or substance, or knowledge proposition or opinion supplied or recorded by man or machine and prepared, stored or transmitted in computer readable form and shall include information. However, the ownership of all the Data belongs to OCAC and Bidder would merely handle the data on behalf of OCAC.
8. "Data Centre" or "DC" means the primary centre where Data, software, computer systems and associated components, such as telecommunication and storage systems, redundant or backup power supplies, redundant data communications, environment controls and security devices and other services are housed and operated from
9. "Deliverables" means software the products, infrastructure, licenses and services agreed to be delivered by the Successful Bidder in pursuance of the Contract as elaborated in the RFP and includes all documents related to the solution, user manual, technical manual, designs, process documentations, the artefacts, the training materials, process and operating manuals, service mechanisms, policies and guidelines , inter alia payment and/ or process related etc., source code and all their respective modifications
10. "Effective Date" means the date on which the Contract is executed by both the Parties

11. "Equipment" means the computer hardware, machinery and other tangible equipment's used for the Project, pursuant to the Contract
12. "Go-Live" means the date on which the proposed IPv6 implementation is successfully implemented as specified in the RFP and all the acceptance tests & certifications as defined in the RFP are successfully concluded to the satisfaction of OCAC
13. "Intellectual Property Rights" means all rights in written designs and copyrights, moral rights, rights in databases and software including its up-gradation systems and compilation rights (whether or not any of these are registered and including application for registration)
14. "OEM" or "Original Equipment Manufacturer" means the original manufacturer and owner of the Intellectual Property Rights of any Software or Equipment to be used in the Project and to which OCAC has been granted license to use
15. "Contract Performance Guarantee" or "Performance Bank Guarantee" shall mean the guarantee provided by a Scheduled Commercial Bank/ Nationalized Bank to OCAC on behalf of the Bidder
16. "Project" means IPv6 implementation involving the Solution Design, Procurement, Delivery, Configuration, Implementation, Testing, Commissioning, Operations & Maintenance and provision of all services and deliverables as per the terms and conditions laid in the RFP and provision of services in conformance to the SLA
17. "Project Assets" means the assets procured and/ or developed and supplied by the Bidder to OCAC for the purpose of the Project, pursuant to this RFP
18. "Project Data" means all proprietary data of the project generated out of project operations and transactions, documents and related information including but not restricted to user data which the Successful Bidder obtains, possesses or processes in the context of providing the Services to the users pursuant to the Agreement and the RFP
19. "Project Location" shall include all OCAC sites that shall require setup of IT infrastructure for smooth Operations of the IPv6 implementation
20. "Proprietary Information" means processes, methodologies and technical and other information, including drawings, designs, formulae, flow charts, data and computer programs already owned by, or granted by third parties to a Party hereto prior to its being made available under this RFP
21. "Purchaser" means Odisha Computer Application Centre (OCAC)
22. "Purchaser's Representative" or "Purchaser's Technical Representative" means the person or the persons appointed by the Purchaser from time to time to act on its behalf for overall co-ordination, supervision, and project management
23. "Replacement System Integrator" means any third party that OCAC may appoint to replace the System Integrator upon expiry of the Term or otherwise termination of the Contract to undertake the Services or part thereof
24. "Request for Proposal (RFP)" means the documents containing the general, technical, functional, commercial and legal specifications for the implementation of the IPv6 implementation including different Annexures and includes the clarifications, explanations, minutes of the meetings, corrigendum/s and amendments issued from time to time during the bidding process and on the basis of which Bidder has submitted its Proposal
25. "Service Level" means the level of service and other performance criteria which shall apply to the services by the Bidder as set out in this RFP
26. "Service Specifications" means and includes detailed description, statements to technical data, performance characteristics, and standards (India as well as International) as applicable and as specified in the Contract as well as those specifications relating to Industry standards and codes applicable to the performance of the Services and Scope of Work, work performance quality and

- the specifications affecting the Services and Deliverables or any additional specification required to be produced by the Bidder to meet its obligations under this RFP
27. "Services" means the services to be performed by the Bidder in pursuant to the Contract more elaborately provided in the RFP using the tangible and intangible assets created, procured, installed, managed and operated by the Bidder including the tools of information and communications technology includes but is not limited to the list of services specified in the RFP
 28. "Solution" means all the hardware, equipment, servers, third party tools, databases, and software provided by Bidder to meet the functional and technical requirements of OCAC and required to make it work as complete IPv6 implementation
 29. "System Integrator" means the Successful Bidder selected by this tendering process for IPv6 Implementation
 30. "Tender" or "Tender Document" means RFP
 31. "Contract Term" or "Term" means the period of the Contract commencing from the Effective Date and continuing till the last day of Services, or the date of termination, in case of earlier termination of the Contract
 32. "Third Party Solution" means Systems (or any part thereof) in which the Intellectual Property Rights are owned by a third party and to which Bidder or OCAC has been granted a license to use
 33. "Timelines" means the timelines for performance of scope of work as described in the RFP
 34. "Third Party Solution" means Systems (or any part thereof) in which the Intellectual Property Rights are owned by a third party and to which Bidder or OCAC has been granted a license to use
 35. "Working Day" means any day on which any of the office of OCAC shall be functioning, including gazetted holidays, restricted holidays or other holidays, Saturdays and Sundays

5.2 Interpretations

In this RFP, unless otherwise specified:

1. Unless otherwise specified, a references to clauses, sub-clauses, or Section is a reference to clauses, sub-clauses, or Section of this RFP including any amendments or modifications to the same from time to time
2. Words denoting the singular include the plural and vice versa and use of any gender includes the other genders
3. References to a "company" shall be construed so as to include any company, corporation or other body corporate, wherever and however incorporated or established
4. Words denoting to a "person" shall be construed to include any individual, partnerships, firms, companies, public sector units, corporations, joint ventures, trusts, associations, organizations, executors, administrators, successors, agents, substitutes and any permitted assignees or other entities (whether or not having a separate legal entity). A reference to a group of persons is a reference to all of them collectively, to any two or more of them collectively and to each of them individually.
5. A reference to any statute or statutory provision shall be construed as a reference to the same as it may have been, or may from time to time be, amended, modified or re-enacted
6. Any reference to a "day" (including within the phrase "business day") shall mean a period of 24 hours running from midnight to midnight
7. References to a "business day" shall be construed as a reference to a day (other than a Sunday) on which OCAC Corporate office is generally open for business
8. References to times are to Indian Standard Time
9. A reference to any other document referred to in this RFP is a reference to that other document as amended, varied, novated or supplemented at any time
10. All headings and titles are inserted for convenience only, they are to be ignored in the interpretation of this Contract
11. Unless otherwise expressly stated, the words "herein", "hereof", "hereunder" and similar words refer to this RFP as a whole and not to any particular Section or Annexure and the words "include" and "including" shall not be construed as terms of limitation
12. The words "in writing" and "written" mean "in documented form", whether electronic or hard copy, unless otherwise stated
13. References to "installation" include Solution Design, Procurement, Delivery, Configuration, Implementation, Testing, Commissioning, Operations & Maintenance
14. References to "implementation" include Solution Design, Procurement, Delivery, Configuration, Implementation, Testing, Commissioning, Operations & Maintenance
15. Any reference at any time to any agreement, deed, instrument, license or document of any description shall be construed as reference to that agreement, deed, instrument, license or other document as amended, varied, supplemented, modified or novated at the time of such reference
16. Unless otherwise stated, any reference to any period commencing "from" a specified day or date and "till" or "until" a specified day or date shall include either such days or date

5.3 Conditions Precedent

This Contract is subject to the fulfilment of the following conditions precedent by the Bidder.

- 5.3.1 Furnishing by the Bidder, an unconditional, irrevocable and continuing Performance Bank Guarantee
- 5.3.2 Execution of a Deed of Indemnity in terms of Clause 5.22 - Indemnity
- 5.3.3 Obtaining of all statutory and other approvals required for the performance of the Services under this Contract
- 5.3.4 Furnishing of such other documents as the Purchaser may specify
- 5.3.5 The Purchaser reserves the right to waive any or all of the conditions specified above in writing and no such waiver shall affect or impair any right, power or remedy that the Purchaser may otherwise have

5.4 Representations & Warranties

- 5.4.1 In order to induce the Purchaser to enter into this Contract, the Bidder hereby represents and warrants as of the date hereof, the following:
 - a. That the selected Bidder has the power and the authority that would be required to enter into this Contract and the requisite experience, the technical know-how and the financial wherewithal required to successfully execute the terms of this Contract and to provide services sought by the Purchaser under this Contract
 - b. That the Bidder is not involved in any major litigation or legal proceedings, pending, existing, potential or threatened, that may have an impact of affecting or compromising the performance or delivery of Services under this Contract
 - c. That the representations and warranties made by the Bidder in its Bid, RFP and Contract are and shall continue to remain true and fulfil all the requirements as are necessary for executing the obligations and responsibilities as laid down in the Contract and the RFP and unless the Purchaser specifies to the contrary, the Bidder shall be bound by all the terms of the Bid and the Contract through the term of the Contract
 - d. That the Bidder has the professional skills, personnel, infrastructure and resources/authorizations that are necessary for providing all such services as are necessary to fulfil the scope of work stipulated in the RFP and this Contract
 - e. That the Bidder shall ensure that all assets/ components including but not limited to equipment, software, licenses, processes, documents, etc. installed, developed, procured, deployed and created during the term of this Contract are duly maintained and suitably updated, upgraded, replaced with regard to contemporary requirements
 - f. That the Bidder shall use such assets of the Purchaser as the Purchaser may permit for the sole purpose of execution of its obligations under the terms of the Bid, the RFP or this Contract. The Bidder shall however, have no claim to any right, title, lien or other interest in any such property, and any possession of property for any duration whatsoever shall not create any right in equity or otherwise, merely by fact of such use or possession during or after the term hereof.
 - g. That there shall not be any privilege, claim or assertion made by a third party with respect to right or interest in, ownership, mortgage or disposal of any asset, property, movable or immovable as mentioned in any Intellectual Property Rights, licenses and permits
 - h. That the Bidder shall procure all the necessary permissions and adequate approvals and licenses for use of various software and any copyrighted process/ product free from all

claims, titles, interests and liens thereon and shall keep the Purchaser indemnified in relation thereto

- i. That the execution of the scope of work and the Services herein is and shall be in accordance and in compliance with all applicable laws
- j. That all conditions precedent under the Contract have been satisfied
- k. That neither the execution and delivery by the Bidder of the Contract nor the Bidder's compliance with or performance of the terms and provisions of the Contract (i) shall contravene any provision of any Applicable Law or any order, writ, injunction or decree of any court or Governmental Authority binding on the Bidder, (ii) shall conflict or be inconsistent with or result in any breach of any or the terms, covenants, conditions or provisions of, or constitute a default under any Contract, Contract or instrument to which the Bidder is a party or by which it or any of its property or assets is bound or to which it may be subject or (iii) shall violate any provision of the Memorandum and Articles of Association of the Bidder
- l. That the Bidder certifies that all registrations, recordings, filings and notarizations of the Contract and all payments of any tax or duty, including but not limited to stamp duty, registration charges or similar amounts which are required to be effected or made by the Bidder which is necessary to ensure the legality, validity, enforceability or admissibility in evidence of the Contract have been made
- m. That the Bidder confirms that there has not and shall not occur any execution, amendment or modification of any agreement/ contract without the prior written consent of the Purchaser, which may directly or indirectly have a bearing on the Contract or the project
- n. That the Bidder owns or has good, legal or beneficial title, or other interest in, to the property, assets and revenues of the Bidder on which it grants or purports to grant or create any interest pursuant to the Contract, in each case free and clear of any encumbrance and further confirms that such interests created or expressed to be created are valid and enforceable
- o. That the Bidder owns, has license to use or otherwise has the right to use, which are required or desirable for performance of its services under this Contract. All Intellectual Property Rights (owned by the Bidder or which the Bidder is licensed to use) required by the Bidder for the performance of the Contract are valid and subsisting. All actions (including registration, payment of all registration and renewal fees) required to maintain the same in full force and effect have been taken thereon and shall keep the Purchaser indemnified in relation thereto.
- p. That the Bidder shall at all times maintain sufficient manpower, resources, and facilities, to provide the Services in a workmanlike manner on a timely basis
- q. That its security measures, policies and procedures are adequate to protect and maintain the confidentiality of the Confidential Information
- r. That in providing the Services or deliverables or materials, neither Bidder nor its agent, nor any of its employees, shall utilize information which may be considered confidential information of, or proprietary to, any prior employer or any other person or entity
- s. That the Bidder shall not employ serving Purchaser Employees without prior permission of the Purchaser. The Bidder also confirms that it shall not employ ex-personnel of Purchaser within the initial two years period after their retirement/ resignation/ severance from the service without specific permission of Purchaser. The Purchaser may decide not to deal with such company(s)/ firm(s) who fails to comply with this confirmation.

- t. That the Bidder shall provide adequate and appropriate support and participation, on a continuing basis, in tuning all supplied assets/ components including but not limited to equipment, software, licenses, processes, documents, etc. to meet the requirements of the applications

5.5 Scope of Contract

- 5.5.1 Scope of the Contract shall be as defined in Section 8 - Scope of Work and Annexures thereto of this RFP
- 5.5.2 Purchaser has engaged the Bidder for Solution Design, Procurement, Delivery, Configuration, Implementation, Testing, Commissioning and provision of all services and deliverables of the IT infrastructure for IPv6 implementation of OCAC. The Bidder is required to provide such services, support and infrastructure as the Purchaser or Purchaser's Technical Representative may deem proper and necessary, during the term of this Contract, and includes all such processes and activities which are consistent with the proposals set forth in the Bid, the RFP and this Contract and are deemed necessary by the Purchaser, in order to meet its business requirements (hereinafter 'scope of work').
- 5.5.3 If any services, functions or responsibilities not specifically described in this Contract are an inherent, necessary or customary part of the Services or are required for proper performance or provision of the Services in accordance with this Contract, they shall be deemed to be included within the scope of the work to be delivered for the Charges, as if such services, functions or responsibilities were specifically described in this Contract
- 5.5.4 The Purchaser or Purchaser's Technical Representative reserves the right to amend any of the terms and conditions with mutual agreement in relation to the Scope of Work and may issue any such directions which are not necessarily stipulated therein if it deems necessary for the fulfilment of the Scope of Work pursuant to Clause 5.29 - Change Orders/ Alteration/ Variation

5.6 Key Performance Measurements

- 5.6.1 Unless specified by the Purchaser to the contrary, the Bidder shall perform the Services and carry out the scope of work in accordance with the terms of this Contract, Scope of Work and the Service Specifications as laid down in this Section of the RFP
- 5.6.2 If the Contract, Scope of Work, Service Specification includes more than one document, then unless the Purchaser specifies to the contrary, the later in time shall prevail over a document of earlier date to the extent of any inconsistency
- 5.6.3 The Purchaser reserves the right to amend any of the terms and conditions in relation to the Contract/ service specifications and may issue any such directions which are not necessarily stipulated therein if it deems necessary for the fulfilment of the scope of work. These changes shall be carried as per mutual consent.

5.7 Performance Bank Guarantee

- 5.7.1 Within 21 days after the receipt of notification of award of the Contract from the Purchaser, the successful Bidder shall furnish Performance Bank Guarantee to the Purchaser, which shall be equal to ten percent (10%) of the value of the Contract and shall be in the form of a Bank Guarantee from a Scheduled Commercial Bank/ Nationalized Bank in the pro forma given at Annexure III – Forms

5.8 Commencement and progress

- 5.8.1 The Bidder shall be subject to the fulfilment of the conditions precedent set out in Clause 5.3 - Conditions Precedent, commence the performance of its obligations in a manner as specified in the Scope of Work
- 5.8.2 The Bidder shall proceed to carry out the activities/ services with diligence and expedition in accordance with any stipulation as to the time, manner, mode, and method of execution contained in this Contract
- 5.8.3 The Bidder shall be responsible for and shall ensure that all services are performed in accordance with the Contract and RFP and that the Bidder's Team complies with such specifications and all other standards, terms and other stipulations/ conditions set out hereunder
- 5.8.4 The Bidder shall perform the activities/ services and carry out its obligations under the Contract with due diligence, efficiency and economy, in accordance with generally accepted techniques and practices used in the industry and with professional engineering and consulting standards recognized by international professional bodies and shall observe sound management, engineering and security practices. It shall employ appropriate advanced technology and engineering practices and safe and effective equipment, machinery, material and methods. The Bidder shall always act, in respect of any matter relating to this Contract, as faithful advisors to the Purchaser and shall, at all times, support and safeguard the Purchaser's legitimate interests in any dealings with Third parties.
- 5.8.5 The IT infrastructure supplied under this Contract shall conform to the standards mentioned in the technical specifications, and, when no applicable standard is mentioned, to the authoritative standards, such standard shall be the latest issued by the concerned institution. Delivery of the IT infrastructure shall be made by the Bidder in accordance with the terms specified by the Purchaser in its Work Order.

5.9 Standards of Performance

- 5.9.1 The Bidder shall perform the Services and carry out its obligations under the Contract with due diligence, efficiency and economy, in accordance with generally accepted techniques and practices used in the industry and with professional engineering and consulting standards recognized by international professional bodies and shall observe sound management, engineering and security practices. It shall employ appropriate advanced technology and engineering practices and safe and effective equipment, machinery, material and methods. The Bidder shall always act, in respect of any matter relating to this Contract, as faithful advisors to the Purchaser and shall, at all times, support and safeguard the Purchaser's legitimate interests in any dealings with Third Parties.

5.10 Sub-contract

- 5.10.1 The successful bidder shall provide all the services through its own company and no sub-contracting is allowed. However, if sub-contracting for specialised work is required, the successful bidder shall obtain written approvals from OCAC.

5.11 Bidder's Obligations

- 5.11.1 The Bidder's obligations shall include Solution Design, Procurement, Delivery, Configuration, Implementation, Testing, Commissioning, Operations & Maintenance and provision of all services and deliverables covering associated hardware and software as specified by the Purchaser in the Scope of Work and other sections of the RFP and Contract and changes

thereof to enable the Purchaser to meet their objectives and operational requirements. It shall be the Bidder's responsibility to ensure the proper and successful implementation, performance and continued operations of the proposed solution in accordance with and in strict adherence to the terms of his Bid, the RFP and this Contract.

- 5.11.2 In addition to the aforementioned, the Bidder shall perform the services specified by the 'Scope of Work' requirements as specified in the RFP and changes thereof
- 5.11.3 The Bidder shall ensure that the Bidder's team is competent, professional and possesses the requisite qualifications and experience appropriate to the task they are required to perform under this Contract. The Bidder shall ensure that the Services are performed through the efforts of the Bidder's Team, in accordance with the terms hereof and to the satisfaction of the Purchaser. Nothing in this Contract relieves the Bidder from its liabilities or obligations under this Contract to provide the Services in accordance with the Contract and the Bid to the extent accepted by the Purchaser.
- 5.11.4 The Bidder shall be responsible on an ongoing basis for coordination with other vendors and agencies of the Purchaser in order to resolve issues and oversee implementation of the same
- 5.11.5 Obligations related to IT Infrastructure
- a. The Bidder shall supply equipment/ components including associated accessories and software as under this Contract and Configuration, Implementation, Testing, Commissioning, Operations & Maintenance of those components during the entire period of Contract
 - b. In case of any dissatisfaction or default on part of the Bidder in providing the level of support desired by the Purchaser or Purchaser's Technical Representative in relation to the IT infrastructure supplied by the Bidder, the Bidder shall extend the necessary support required to meet the commitments without any financial liability to the Purchaser
 - c. It is expected that bidder and OEM shall ensure that the equipment/ components being supplied by him shall be supported for minimum 7 years from effective date of operationalization of solution. If the same is de-supported by the OEM for any reason whatsoever, the bidder shall replace it with an equivalent or better substitute that is acceptable to Purchaser without any additional cost to the Purchaser and without impacting the performance of the solution in any manner whatsoever.
 - d. In case of any problems/ issues arising due to integration of the IT infrastructure supplied by the Bidder with any other component(s)/ product(s) under the purview of the overall solution, the Bidder shall replace the required component(s) with an equivalent or better substitute that is acceptable to Purchaser without any additional cost to the Purchaser and without impacting the performance of the solution in any manner whatsoever
 - e. The Bidder shall supply and/ or install all new releases, versions, any type of updates, upgrade patches and/ or bug fixes for the firmware or software from time to time at no additional cost to the Purchaser
 - f. The Bidder shall ensure that the preventive maintenance on a monthly basis and break-fix maintenance is conducted in accordance with the specifications of the components and the best practices followed in the industry
 - g. The Bidder shall provision the required critical spares/ components at the DC site for meeting the uptime commitment of the components supplied by him
 - h. The Bidder shall extend necessary assistance, consultancy and services to the Purchaser beyond the defined scope of work to resolve issues related to the components supplied by him, under critical and unforeseen situations

- i. The Bidder should provide technology refresh information to the Purchaser as and when the OEM comes out with the same
 - j. The Bidder shall ensure that it is in compliance with all Applicable Laws at all times while discharging its Scope of Work
 - k. The Bidder shall ensure that it has procured all necessary permits and consents that maybe required to discharge its Scope of Work effectively
- 5.11.6 Bidder's Representative: The Bidder's representative shall have all the powers requisite for the performance of services under this Contract. The Bidder's Representative shall liaise with the Purchaser's Representative for the proper coordination and timely completion of the works and on any other matters pertaining to the works. He shall extend full co-operation to Purchaser's representative in the manner required by them for supervision/ inspection/ observation of the IT infrastructure, procedures, performance, reports and records pertaining to the works. He shall also have complete charge of the Bidder's personnel engaged in the performance of the works and to ensure internal discipline, compliance of rules, regulations and safety practice. He shall also co-ordinate and co-operate with the other service providers of the Purchaser working at the site/ offsite for activities related to planning, execution of scope of work and providing services under this Contract.
- 5.11.7 Reporting Progress
- a. The Bidder shall monitor progress of all the activities related to the execution of this Contract and shall submit to the Purchaser, at no extra cost, progress reports with reference to all related work, milestones and their progress during the implementation phase at the end of each month or before the expiry of the last day of each month
 - b. Post implementation, the Bidder shall submit to the Purchaser, MIS reports as an ongoing basis. An indicative list of such reports along with their periodicity is mentioned in 'MIS Reports' under Scope of Work. Extracts of the progress report to be termed, as "Executive Summary" shall be submitted in 2 hard copies, along with 2 soft copies. Formats for such reporting shall be discussed at the Kick-Off meeting. The Purchaser on mutual agreement between both parties may change the periodicity and dissemination mechanism of such reports
 - c. Periodic meetings shall be held between the representatives of the Purchaser and the Bidder once in every 15 days during the implementation phase to discuss the progress of implementation. After the implementation phase is over, the meeting shall be held on an ongoing basis, once in every 30 days to discuss the performance of the Contract.
 - d. The Bidder shall ensure that the respective solution teams involved in the execution of work are part of such meetings
 - e. Steering Committee involving representatives of the Purchaser and senior officials of the bidder shall be formed for the purpose of this Contract. This committee shall meet at intervals, as decided by the Purchaser later, to oversee the progress of the project.
 - f. The IT infrastructure, services and manpower to be provided/ deployed by the Bidder under the Contract and the manner and speed of implementation & maintenance of the work and services are to be conducted in a manner to the satisfaction of Purchaser's representative in accordance with the Contract
 - g. The Purchaser reserves the right to inspect and monitor/ assess the progress/ performance of the Work/ Services at any time during the course of the Contract. The Purchaser may demand and upon such demand being made, the Bidder shall provide documents, data,

material or any other information which the Purchaser may require, to enable it to assess the progress/ performance of the Work/ Service.

- h. At any time during the course of the Contract, the Purchaser shall also have the right to conduct, either itself or through an independent audit firm appointed by the Purchaser as it may deem fit, an audit to monitor the performance by the Bidder of its obligations/ functions in accordance with the standards committed to or required by the Purchaser and the Bidder undertakes to cooperate with and provide to the Purchaser/ any other Bidder appointed by the Purchaser, all Documents and other details as may be required by them for this purpose.
- i. Should the rate of progress of the works or any part of them at any time fall behind the stipulated time for completion or is found to be too slow to ensure completion of the works by the stipulated time, or is in deviation to RFP requirements/ standards, the Purchaser's representative shall so notify the Bidder in writing.
- j. The Bidder shall reply to the written notice giving details of the measures he proposes to take to expedite the progress so as to complete the works by the prescribed time or to ensure compliance to RFP requirements. The Bidder shall not be entitled to any additional payment for taking such steps. If at any time it should appear to the Purchaser or Purchaser's representative that the actual progress of work does not conform to the approved programme the Bidder shall produce at the request of the Purchaser's representative a revised programme showing the modification to the approved programme necessary to ensure completion of the works within the time for completion or steps initiated to ensure compliance to the stipulated requirements.
- k. The submission seeking approval by the Purchaser or Purchaser's representative of such programme shall not relieve the Bidder of any of his duties or responsibilities under the Contract
- l. In case during execution of works, the progress falls behind schedule or does not meet the RFP requirements, Bidder shall deploy extra manpower/ resources to make up the progress or to meet the RFP requirements. Programme for deployment of extra man power/ resources shall be submitted to the Purchaser for its review and approval, which approval shall not be unreasonably withheld. All time and cost effect in this respect shall be borne, by the Bidder within the Contract Value.

5.11.8 Knowledge of Site Conditions

- a. The Bidder shall be deemed to have understood the requirements and have satisfied himself with the data contained in the Bidding Documents, the quantities and nature of the works and materials necessary for the completion of the works, etc., and in-general to have obtained himself all necessary information of all risks, contingencies and circumstances affecting his obligations and responsibilities therewith under the Contract and his ability to perform it. However, if during delivery or installation, Bidder observes physical conditions and/ or obstructions affecting the work, the Bidder shall take all measures to overcome them.
- b. Bidder shall be deemed to have satisfied himself as to the correctness and sufficiency of the Contract Price for the works. The consideration provided in the Contract for the Bidder undertaking the works shall cover all the Bidder's obligation and all matters and things necessary for proper execution and maintenance of the works in accordance with the Contract and for complying with any instructions which the Purchaser's Representative may issue in accordance with the connection therewith and of any proper and reasonable

measures which the Bidder takes in the absence of specific instructions from the Purchaser's Representative.

- c. The Bidder shall have conducted its own due diligence with regard to the information contained in The RFP. The Purchaser does not make any representation or warranty as to the accuracy, reliability or completeness of the information in this RFP and it is not possible for the Purchaser to consider particular needs of each Bidder who reads or uses this RFP. Each prospective Bidder should conduct its own investigations and analyses and check the accuracy, reliability and completeness of the information provided in this RFP and obtain independent advice from appropriate sources
- d. The Purchaser shall not have any liability to any prospective Bidder or any other person under any laws (including without limitation the law of contract or tort), the principles of equity, restitution or unjust enrichment or otherwise for any loss, expense or damage which may arise from or be incurred or suffered in connection with anything contained in this RFP, any matter deemed to form part of this RFP, the declaration of the Bidders, the information supplied by or on behalf of the Purchaser or its employees, any consultants, or otherwise arising in any way from the bidding process. The Purchaser shall also not be liable in any manner whether resulting from negligence or otherwise however caused arising from reliance of any Bidder upon any statements contained in this RFP

5.11.9 Program of Work

- a. Within 10 days after the award of work under this Contract or prior to kick-off meeting whichever is earlier, the Bidder shall submit to the Purchaser for its approval a detailed programme showing the sequence, procedure and method in which he proposes to carry out the works as stipulated in the Contract and shall, whenever reasonably required by the Purchaser's Representative furnish in writing the arrangements and methods proposed to be made for carrying out the works. The programme so submitted by the Bidder shall conform to the duties and periods specified in the Contract. The Purchaser and the Bidder shall discuss and agree upon the work procedures to be followed for effective execution of the works, which the Bidder intends to deploy and shall be clearly specified. Approval by the Purchaser's Representative of a programme shall not relieve the Bidder of any of his duties or responsibilities under the Contract.
- b. If the Bidder's work plans necessitate a disruption/ shutdown in Purchaser's operation, the plan shall be mutually discussed and developed so as to keep such disruption/ shutdown to the barest unavoidable minimum. Any time and cost arising due to failure of the bidder to develop/ adhere such a work plan shall be to his account.

5.11.10 Bidder's Organization

- a. The Bidder's team deployed for execution of work and provision of services under this Contract shall comprise of manpower resources with skills and expertise required as per Section 8 - Scope of Work
- b. The Bidder shall supply to the Purchaser for its approval, within 10 calendar days after the release of Work Order under this Contract or prior to the kick-off meeting whichever is earlier, an organization chart showing the proposed organization/ manpower to be established by the Bidder for execution of the work including the identities and Curriculum-Vitae of the key personnel to be deployed
- c. The Bidder should to the best of his efforts, avoid any change in the organization structure proposed for execution of this Contract or replacement of any manpower resource appointed for IPv6 implementation. If the same is however unavoidable, due to circumstances such as the resource leaving the Bidder's organization, the outgoing resource

shall be replaced with an equally competent resource on approval from the Purchaser. The Bidder shall promptly inform the Purchaser in writing, if any such revision or change is necessary.

- d. In case of replacement of any manpower resource, the Bidder should ensure efficient knowledge transfer from the outgoing resource to the incoming resource and adequate hand-holding period and training for the incoming resource in order to maintain the continued level of service
- e. All manpower resources deployed by the Bidder for execution of this Contract must strictly adhere to the attendance reporting procedures and make their services available for the entire reporting time period
- f. The Bidder shall provide necessary supervision during the execution of work and as long thereafter as the Purchaser may consider necessary for the proper fulfilment of the Bidder's obligations under the Contract. The Bidder or his competent and authorized representative(s) shall be constantly present at the site whole time for supervision. The Bidder shall authorize his representative to receive directions and instructions from the Purchaser's Representative.
- g. The Bidder shall be responsible for the deployment, transportation, accommodation and other requirements of all its employees required for the execution of the work and provision of services for all costs/charges in connection thereof
- h. The Bidder shall provide and deploy only those manpower resources who are qualified/ skilled and experienced in their respective trades and who are competent to deliver in a proper and timely manner the work they are required to perform or to manage/ supervise the work
- i. The Purchaser's Representative may at any time object to and require the Bidder to remove forthwith from the Project any authorized representative or employee of the Bidder or any person(s) of the Bidder's team, if, in the opinion of the Purchaser's Representative the person in question has mis-conducted or his/ her deployment is otherwise considered undesirable by the Purchaser's Representative. The Bidder shall forthwith remove and shall not again deploy the person without the written consent of the Purchaser's Representative.
- j. The Purchaser's Representative may at any time object to and request the Bidder to remove from the Project any of Bidder's authorized representative including any employee of the Bidder or his team or any person(s) deployed by Bidder or his team for professional incompetence or negligence or for being deployed for work for which he is not suited. The Bidder shall consider the Purchaser's Representative request and may accede to or disregard it. The Purchaser's Representative, having made a request, as aforesaid in the case of any person, which the Bidder has disregarded, may in the case of the same person at any time but on a different occasion, and for a different instance of one of the reasons referred to above in this Clause object to and require the Bidder to remove that person from deployment on the work, which the Bidder shall then forthwith do and shall not again deploy any person so objected to on the work or on the sort of work in question (as the case may be) without the written consent of the Purchaser's Representative.
- k. The Purchaser's Representative shall state to the Bidder in writing his reasons for any request or requirement pursuant to this Clause
- l. The Bidder shall maintain backup personnel and shall promptly replace every person removed, pursuant to this section, with an equally competent substitute from the pool of backup personnel

5.11.11 Adherence to safety procedures, rules, regulations and restrictions

- a. Bidder shall comply with the provision of all laws including labour laws, rules, regulations and notifications issued there under from time to time. All safety and labour laws enforced by statutory agencies and by Purchaser shall be applicable in the performance of this Contract and Bidder shall abide by these laws.
- b. Bidder shall take all measures necessary or proper to protect the personnel, work and facilities and shall observe all reasonable safety rules and instructions. Purchaser's employee also shall comply with safety procedures/ policy.
- c. The Bidder shall report as soon as possible any evidence, which may indicate or is likely to lead to an abnormal or dangerous situation and shall take all necessary emergency control steps to avoid such abnormal situations
- d. Bidder shall also adhere to all security requirement/ regulations of the Purchaser during the execution of the work

5.11.12 Statutory Requirements

- a. During the tenure of this Contract nothing shall be done by the Bidder in contravention of any law, act and/ or rules/ regulations, there under or any amendment thereof governing inter-alia customs, stowaways, foreign exchange etc. and shall keep Purchaser indemnified in this regard
- b. The Bidder and their personnel/ representative shall not alter/ change/ replace any hardware component proprietary to the Purchaser and/or under warranty or AMC of third party without prior consent of the Purchaser
- c. The Bidder and their personnel/ representative shall not without consent of the Purchaser install any hardware or software not purchased/ owned by the Purchaser

5.12 Bidder's Personnel

- 5.12.1 The Bidder shall employ and provide such qualified and experienced personnel as are required to perform the Services under the Contract
- 5.12.2 All the personnel, also of the Bidder's partners shall be deployed only after adequate background verification check. The Bidder shall submit the background verification check report for the personnel before their deployment on the project. Any deviations, if observed, would lead to removal of the personnel from the project.

5.13 Project Manager

- 5.13.1 The Bidder shall ensure that at all times during the currency of the Contract a Manager acceptable to the Purchaser shall take charge of the Performance of the Contract. The Manager shall be assisted by Operations & Maintenance staff, Technical support desk staff and other members of the team.

5.14 Contract Administration

- 5.14.1 No variation or modification of the terms of the Contract shall be made except by written amendment signed by the parties
- 5.14.2 Either party may appoint any individual/ organization as their authorized representative through a written notice to the other party. Each Representative shall have the authority to:
 - a. exercise all of the powers and functions of his/ her Party under this Contract other than the power to amend this Contract and ensure the proper administration and performance of the terms hereof; and
 - b. bind his or her Party in relation to any matter arising out of or in connection with this Contract

- 5.14.3 The Bidder along with other members/ third parties/ OEMs shall be bound by all undertakings and representations made by the authorized representative of the Bidder and any covenants stipulated hereunder, with respect to this Contract, for and on their behalf
- 5.14.4 For the purpose of execution or performance of the obligations under this Contract, the Purchaser's representative would act as an interface with the nominated representative of the Bidder. The Bidder shall comply with any instructions that are given by the Purchaser's representative during the course of this Contract in relation to the performance of its obligations under the terms of this Contract and the RFP.

5.15 Purchaser's Right of Monitoring, Inspection and Periodic Audit

- 5.15.1 The Purchaser or Purchaser's Technical Representative reserves the right to inspect and monitor/ assess the progress/ performance/ maintenance of the IPv6 implementation at any time during the course of the Contract, after providing due notice to the Bidder. The Purchaser may demand and upon such demand being made, the purchaser shall be provided with any document, data, material or any other information which it may require, to enable it to assess the progress of the project.
- 5.15.2 The Purchaser or Purchaser's Technical Representative shall also have the right to conduct, either itself or through an independent audit firm appointed by the Purchaser as it may deem fit, an audit to monitor the performance by the Bidder of its obligations/ functions in accordance with the standards committed to or required by the Purchaser and the Bidder undertakes to cooperate with and provide to the Purchaser/ any other Bidder appointed by the Purchaser, all documents and other details as may be required by them for this purpose. Any deviations or contravention identified as a result of such audit/ assessment would need to be rectified by the Bidder failing which the Purchaser may, without prejudice to any other rights that it may issue a notice of default.
- 5.15.3 The Bidder shall at all times provide to the Purchaser or the Purchaser's Representative access to the Site

5.16 Purchaser's Obligations

- 5.16.1 The Purchaser's Representative shall interface with the Bidder, to provide the required information, clarifications, and to resolve any issues as may arise during the execution of the Contract. Purchaser shall provide adequate cooperation in providing details, assisting with coordinating and obtaining of approvals from various governmental agencies, in cases, where the intervention of the Purchaser is proper and necessary.
- 5.16.2 Purchaser shall ensure that timely approval is provided to the Bidder, where deemed necessary, which should include technical architecture diagrams and all the specifications related to IT infrastructure required to be provided as part of the Scope of Work. All such documents shall be approved within 15 days of the receipt of the documents by the Purchaser.
- 5.16.3 The Purchaser shall approve all such documents as per above Clause
- 5.16.4 The Purchaser's Representative shall interface with the Bidder, to provide the required information, clarifications, and to resolve any issues as may arise during the execution of the Contract

5.17 Intellectual Property Rights

- 5.17.1 Purchaser shall own and have Intellectual Property Rights of all the deliverables which have been developed by the Bidder during the performance of Services and for the purposes of

inter-alia use of such Services under this Contract. The Bidder undertakes to disclose all Intellectual Property Rights arising out of or in connection with the performance of the Services to the Purchaser and execute all such agreements/ documents and file all relevant applications, effect transfers and obtain all permits and approvals that may be necessary in this regard to effectively conserve the Intellectual Property Rights of the Purchaser.

- 5.17.2 If Purchaser desires, Further, the Bidder shall be obliged to ensure that all approvals, registrations, licenses, permits and rights which are inter-alia necessary for use of the infrastructure installed by the Bidder, the same shall be acquired in the name of the Purchaser, prior to termination of this Contract and which shall be assigned by the Purchaser to the Bidder for the purpose of execution of any of its obligations under the terms of the Bid, RFP or this Contract. However, subsequent to the term of this Contract, such approvals etc. shall endure to the exclusive benefit of the Purchaser.
- 5.17.3 The Bidder shall ensure that while it uses any software, hardware, processes or material in the course of performing the Services, it does not infringe the Intellectual Property Rights of any person and the Bidder shall keep the Purchaser indemnified against all costs, expenses and liabilities howsoever, arising out of any illegal or unauthorized use (piracy) or in connection with any claim or proceedings relating to any breach or violation of any permission/ license terms or infringement of any Intellectual Property Rights by the Bidder during the course of performance of the Services

5.18 Information Security

- 5.18.1 The Bidder shall not carry any written/ printed document, layout diagrams, floppy diskettes, hard disk, storage tapes, other storage devices or any other goods / material proprietary to Purchaser in/ out of the project site without written permission from the Purchaser
- 5.18.2 The Bidder shall not destroy any unwanted documents, defective tapes/ media present at the project site on their own. All such documents, tapes/ media shall be handed over to the Purchaser.
- 5.18.3 The Bidder shall formulate a comprehensive Information Security Policy (ISP), Disaster Recovery and BCP policy based on BS7799/ ISO 27001 and BS15000/ ISO 20000 guidelines covering all the IT Infrastructure assets within 15 days from the date of signing of the Contract
- 5.18.4 The Bidder acknowledges that Purchaser's business data and other proprietary information or materials, whether developed by Purchaser or being used by Purchaser pursuant to a license agreement with a third party (the foregoing collectively referred to herein as "proprietary information") are confidential and proprietary to Purchaser; and the Bidder along with its team agrees to use reasonable care to safeguard the proprietary information and to prevent the unauthorized use or disclosure thereof, which care shall not be less than that used by the Bidder to protect its own proprietary information. The Bidder recognizes that the goodwill of Purchaser depends, among other things, upon the Bidder keeping such proprietary information confidential and that unauthorized disclosure of the same by the Bidder or its team could damage the goodwill of Purchaser, and that by reason of the Bidder's duties hereunder. The Bidder may come into possession of such proprietary information, even though the Bidder does not take any direct part in or furnish the services performed for the creation of said proprietary information and shall limit access thereto to employees with a need to such access to perform the services required by this Contract. The Bidder shall use such information only for the purpose of performing the said services.

- 5.18.5 The Bidder shall, upon termination of this Contract for any reason, or upon demand by Purchaser, whichever is earliest, return any and all information provided to the Bidder by Purchaser, including any copies or reproductions, both hardcopy and electronic
- 5.18.6 The Bidder shall maintain strict confidentiality with respect to the Proprietary Information that it obtains during the term of this Contract. Such confidentiality shall be maintained by the Bidder even post termination or expiry of the term of the Contract in perpetuity

5.19 Record of Contract Documents

- 5.19.1 The Bidder shall at all time make and keep sufficient copies of the Drawings, Specifications and Contract documents for him to fulfil his duties under the Contract
- 5.19.2 The Bidder shall keep at least two copies of each and every specification and contract document, in excess of his own requirement and those copies shall be available at all times for use by the Purchaser's Representative and by any other person authorized by the Purchaser's Representative

5.20 Ownership and Retention of Documents

- 5.20.1 The Purchaser shall own the Documents, prepared by or for the Bidder arising out of or in connection with this Contract
- 5.20.2 Forthwith upon expiry or earlier termination of this Contract and at any other time on demand by the Purchaser, the Bidder shall deliver to the Purchaser all Documents provided by or originating from the Purchaser and all Documents produced by or from or for the Bidder in the course of performing the Services, unless otherwise directed in writing by the Purchaser at no additional cost. The Bidder shall not, without the prior written consent of the Purchaser store, copy, distribute or retain any such Documents.

5.21 Ownership of Equipment

- 5.21.1 The Purchaser shall own the assets/ components including but not limited to equipment, software, licenses, processes, documents, etc., supplied by the Bidder arising out of or in connection with this Contract
- 5.21.2 However, all the risk and liability arising out of or in connection with the usage of the equipment, assets/ components during the term of the Contract shall be borne by the bidder

5.22 Indemnity

- 5.22.1 The Bidder shall indemnifying the Purchaser from and against all Third Party claims of infringement of patent, trademark/ copyright or industrial design rights arising from the use of the supplied software/ hardware/ manpower etc. and related services or any part thereof. Purchaser/ User department stand indemnified from any claims that the hired manpower/ Bidder's manpower may opt to have towards the discharge of their duties in the fulfilment of the work orders. Purchaser/ User department also stand indemnified from any compensation arising out of accidental loss of life or injury sustained by the hired manpower/ Bidder's manpower while discharging their duty towards fulfilment of the work orders. Purchaser shall provide bidder with prompt notice of such claim and allow Bidder to control the defence of such claim. Indemnity shall be limited to damages that may be finally awarded against the Bidder.

5.23 Confidentiality

- 5.23.1 The Bidder shall not use Confidential Information, the name or the logo of the Purchaser except for the purposes of providing the Service as specified under this Contract
- 5.23.2 The Bidder shall not, either during the term or 6 months after expiration of this Contract, disclose any proprietary or confidential information relating to the Services, Contract or the Architectures such as Solution architecture, Functional architecture, Business architecture, Security architecture, Network architecture and DC architecture, Purchaser's business or operations without the prior written consent of the Purchaser
- 5.23.3 The Bidder may only disclose Confidential Information in the following circumstances:
- a. with the prior written consent of the Purchaser;
 - b. to a member of the Bidder's Team ("Authorized Person") if:
 - i. the Authorized Person needs the Confidential Information for the performance of obligations under this Contract;
 - ii. the Authorized Person is aware of the confidentiality of the Confidential Information and is obliged to use it only for the performance of obligations under this Contract
 - iii. If the information is already made available in any public domain
- 5.23.4 The Bidder shall do everything reasonably possible to preserve the confidentiality of the Confidential Information including execution of a confidentiality agreement with the members of the, subcontractors and other service provider's team members to the satisfaction of the Purchaser
- 5.23.5 The Bidder shall sign a Non-Disclosure Agreement (NDA) with the Purchaser on mutually agreed terms and conditions. The Bidder and its antecedents shall be bound by the NDA. The Bidder shall be held responsible for any breach of the NDA by its antecedents or delegates.
- 5.23.6 The Bidder shall notify the Purchaser promptly if it is aware of any disclosure of the Confidential Information otherwise than as permitted by this Contract or with the authority of the Purchaser
- 5.23.7 The Purchaser reserves the right to adopt legal proceedings, civil or criminal, against the Bidder in relation to a dispute arising out of breach of obligation by the Bidder under this clause

5.24 Taxes

- 5.24.1 Income tax shall be deducted at source by Purchaser from all the payments made to Bidder according to the Income tax Act, unless valid and complete documents for IT exemption are submitted by the Bidder prior to release of payment. A certificate shall be provided by Purchaser to the Bidder for any tax deducted at source
- 5.24.2 The Bidder shall bear all personnel taxes levied or imposed on its personnel, or any other member of the Bidder's Team, etc. on account of payment received under this Contract. The Bidder shall bear all corporate taxes, levied or imposed on the Bidder on account of payments received by it from the Purchaser for the work done under this Contract.
- 5.24.3 The Bidder shall bear all taxes and duties etc. levied or imposed on the Bidder under the Contract including but not limited to GST, Sales Tax, Customs duty, Excise duty, Octroi, Service Tax, VAT, Works Contracts Tax and all Income Tax levied under Indian Income Tax Act – 1961 or any amendment thereof during the entire Contract Period, i.e., on account of material supplied and services rendered and payments received by him from the Purchaser under the Contract. However Bidder shall recover all the Indirect taxes from OCAC on Actuals at the rate prevailing at the time of Billing and OCAC shall also be responsible for any newly Introduced taxes. It shall be the responsibility of the Bidder to submit to the

concerned Indian authorities the returns and all other connected documents required for this purpose. The Bidder shall also provide the Purchaser such information, as it may be required in regard to the Bidder's details of payment made by the Purchaser under the Contract for proper assessment of taxes and duties. The amount of tax withheld by the Purchaser shall at all times be in accordance with Indian Tax Law and the Purchaser shall promptly furnish to the Bidder original certificates for tax deduction at source and paid to the Tax Authorities.

- 5.24.4 If there is any reduction in taxes/ duties/ levies due to any reason whatsoever, after Notification of Award, the difference shall be passed on to the Purchaser. In case of increase in taxation, Purchaser shall pay the tax as applicable.
- 5.24.5 The Bidder agrees that he and his Team shall comply with the Indian Income Tax act in force from time to time and pay Indian Income Tax, as may be imposed/ levied on them by the Indian Income Tax Authorities, for the payments received by them for the works under the Contract
- 5.24.6 The Bidders shall fully familiarize themselves about the applicable domestic taxes (such as value added or sales tax, service tax, income taxes, duties, fees, levies, etc.) on amounts payable by the Purchaser under the Contract. All such taxes must be included by Bidders in the Commercial Bid (Bidder to find out applicable taxes for the components being proposed).
- 5.24.7 Should the Bidder fail to submit returns/ pay taxes in times as stipulated under applicable Indian/ State Tax Laws and consequently any interest or penalty is imposed by the concerned authority, the Bidder shall pay the same, The Bidder shall indemnify Purchaser against any and all liabilities or claims arising out of this Contract for such taxes including interest and penalty by any such Tax Authority may assess or levy against the Purchaser/ Bidder
- 5.24.8 The Purchaser shall if so required by applicable laws in force, at the time of payment, deduct income tax payable by the Bidder at the rates in force, from the amount due to the Bidder and pay to the concerned tax authority directly

5.25 Warranty

- 5.25.1 A comprehensive on-site warranty and Annual Maintenance Support on all goods supplied under this Contract shall be provided by the respective Original Equipment Manufacturer (OEM) through Bidder's engineers till the end of the Contract
- 5.25.2 Technical Support for software shall be provided by the respective OEM for till the end of the Contract Period. The Technical Support should include all updates and patches to the respective Software for the above stated period.
- 5.25.3 The Bidder warrants that the Goods supplied under the Contract are new, non-refurbished, unused and recently manufactured; shall not be nearing End of sale/ End of support; and shall be supported by the Bidder and respective OEM along with service and spares support to ensure its efficient and effective operations for the entire duration of the Contract
- 5.25.4 The Bidder warrants that the Goods supplied under this Contract shall be of the reasonably acceptable grade and quality and consisted with the established and generally accepted standards for materials of this type. The Goods shall be in full conformity with the specifications and shall operate properly and safely. All recent design improvements in goods, unless provided otherwise in the Contract, shall also be made available.
- 5.25.5 The Bidder further warrants that the Goods supplied under this Contract shall be free from all encumbrances and defects/ faults arising from design, material, manufacture or

workmanship (except insofar as the design or material is required by the Purchaser's Specifications)

- 5.25.6 The Purchaser shall promptly notify the Bidder in writing of any claims arising under this Warranty
- 5.25.7 Upon receipt of such notice, the Bidder shall, with all reasonable speed, repair or replace the defective Goods or parts thereof, without prejudice to any other rights which the Purchaser may have against the Bidder under the Contract
- 5.25.8 If the Bidder, having been notified, fails to remedy the defect(s) within 15 (fifteen) days, the Purchaser may proceed to take such remedial action as may be necessary, at the Bidder's risk and expense and without prejudice to any other rights which the Purchaser may have against the Bidder under the Contract

5.26 Term and Extension of the Contract

- 5.26.1 The term of this Contract shall be initially for a period of 88 months from date of the Contract signing, out of which, initial 4 months shall be implementation period and 84 months of Operations & Maintenance after effective date of operationalization of IPv6 implementation Solution
- 5.26.2 The Purchaser shall reserve the right to extend the Operations & Maintenance term above mentioned for 2 years and shall notify in writing to the Bidder, at least 6 months before the expiration of the Term
- 5.26.3 Bidder shall provide one year before the expiry of existing term, the reasonable price to the purchaser for the term to be extended
- 5.26.4 Terms and conditions for SLA, penalty and Prices for managed services, AMC & Manpower shall be mutually decided/ agreed by Purchaser and Bidder
- 5.26.5 Where the Purchaser is of the view that no further extension of the term be granted to the Bidder, the Purchaser shall notify the Bidder of its decision at least 6 (six) months prior to the expiry of the Term. Upon receipt of such notice, the Bidder shall continue to perform all its obligations hereunder, until such reasonable time beyond the Term of the Contract within which, the Purchaser shall either appoint an alternative Bidder/ service provider or create its own strength to operate such services as are provided under this Contract.

5.27 Prices

- 5.27.1 Prices quoted must be firm and shall not be subject to any upward revision on any account whatsoever throughout the period of contract. Purchaser however reserves the right to review the charges payable at the beginning of the each year or at any time at the request of Purchaser whichever is earlier to incorporate downward revisions as applicable and necessary. If at any time, during the period of contract, the bidder offers identical services/ products to any other Govt. Department/ Organization at prices lower than those chargeable under this Contract, he shall notify the same to the purchaser and extend such reduced prices to the purchaser with immediate effect.

5.28 Exchange Rate Variation (ERV)

- 5.28.1 Prices of the Goods quoted herein are highly dependent upon imports and foreign exchange rates vis-à-vis INR. Therefore the prices quoted shall be increased or decreased depending upon the prevailing exchange rate on the Designated Date, as elaborated below:

- 5.28.2 The price in respect of Goods listed in this proposal (“Items”) should be based on Foreign Exchange rate of US\$ 1 = INR _____ (the “Base Rate”) which should be mentioned in the Commercial Bid
- 5.28.3 The price quoted shall be increased or decreased if the ERV is + 5% (by the amount which is in excess or less of 5% of Base Rate)
- 5.28.4 The exchange rate variation (ERV) percentage shall be calculated as a percentage increase/ decrease signified by the difference in the Current Rate and the Base Rate over the Base Rate, calculated as follows:

$$\frac{\text{Current Rate (-) Base Rate}}{\text{Base Rate}} \times 100$$

- 5.28.5 NOTE FOR CLARIFICATION: ERV shall not be applicable for the first year from date of award of Contract. As such clause shall only be applicable from 2nd year on half-yearly basis on imported items only.
- 5.28.6 “Designated Date” shall mean the last working date from the applicability of this clause. In case Designated Date falls on a holiday, then the immediately succeeding day shall be treated as the Designated Date.
- 5.28.7 “Current Rate” shall mean USD Selling Rate as on the closing hours of the Designated Date (or the immediately succeeding business day in case Forex markets in India are closed on the Designated Date)

5.29 Change Orders/ Alteration/ Variation

- 5.29.1 The Bidder agrees that the system requirements/ quantities/ licenses/ specifications and service requirements given in the RFP are minimum requirements and are in no way exhaustive and guaranteed by the Purchaser
 - a. Any upward revision and/ or additions consequent to errors, omissions, ambiguities, discrepancies in the quantities, specifications, diagrams etc. of the RFP which the Bidder had not brought to the Purchaser’s notice till the time of award of work and not accounted for in his Bid shall not constitute a change order and such upward revisions and/or addition shall be carried out by the Bidder without any time and cost effect to Purchaser
 - b. It shall be the responsibility of the Bidder to meet all the performance and other requirements of the Purchaser as stipulated in the RFP/ Contract. Any upward revisions/ additions of quantities, specifications, technical manpower, Service requirements to those specified by the Bidder in his bid documents, that may be required to be made during IPv6 Implementation & Maintenance or at any time during the currency of the Contract in order to meet the conceptual design, objective and performance levels or other requirements as defined in the RFP. These changes shall be carried as per mutual consent.
- 5.29.2 The Purchaser may at any time, by a written change order given to the Bidder, make changes within the general scope of the Contract. The Purchaser shall have the option to increase or decrease (decrease only if communicated to Bidder prior to availing of Services/ dispatch of Goods/ equipment) the quantities, licenses and/or specifications of the Goods/ equipment to be supplied and installed by the Bidder or Service requirements, as mentioned in the Contract, at any time during the Contract period.

- 5.29.3 The written advice to any change shall be issued by the Purchaser to the Bidder up to 4 (four) weeks prior to the due date of provisioning/ supply of such Goods/ Equipment or commencement of Services
- 5.29.4 In case of increase in quantities/ licenses/ specifications or Service requirements or in case of additional requirement, the rate as provided in the Contract shall be considered as benchmark rates for procurement of the additional requirement from the Bidder. However, based on the industry trends, Purchaser retains the right to review these rates. The additional requirement shall also be governed by the same terms and conditions as provided in the Contract except for the appropriate extension of time to be allowed for delivery/ installation of such extra Goods/ Equipment or for commencement of such services. In case of decrease in Quantities or Specifications of Goods/ Equipment or Service requirements, the Bidder shall give a reduction in price at the rate given in the Contract corresponding to the said decrease.
- 5.29.5 In case applicable rates for the increase/ decrease in question are not available in the Contract then the rates as may be mutually agreed shall apply. The Bidder shall not be entitled to any claim by way of change of price, damages, losses, etc. The Bidder shall be compensated at actual for any cancellation charges provided the claim is duly supported by documentary evidence of having incurred cancellation charges, which results from Purchaser's action in reducing/ cancelling Scope of Work.
- 5.29.6 Conditions for Change Order
- a. The change order shall be initiated only in case (i) the Purchaser or Purchaser's Technical Representative directs in writing the Bidder to incorporate changes to the Goods or design requirements already covered in the Contract. (ii) the Purchaser or Purchaser's Technical Representative directs in writing to the Bidder to include any addition to the Scope of Work or services covered under this Contract or delete any part thereof, (iii) Bidder requests to delete any part of the work which shall not adversely affect the operational capabilities and functioning of the system and if the deletions proposed are agreed to by the Purchaser and for which cost and time benefits shall be passed on to the Purchaser.
 - b. Any change order comprising an alteration which involves change in the cost of the Goods and/or Services (which sort of alteration is hereinafter called a "Variation") shall be the Subject of an amendment to the Contract by way of an increase or decrease in the Contract Value and adjustment of the implementation schedule if any
 - c. If the Contract provides applicable rates for the valuation of the variation in question the Contract Value shall subject to Clause below be increased or decreased in accordance with those rates
 - d. If parties agree that the Contract does not contain applicable rates or that the said rates are inappropriate or the said rates are not precisely applicable to the variation in question, then the parties shall review of the Contract Value which shall represent the change in cost of the goods and/or works caused by the Variations. Any change order shall be duly approved by the Purchaser in writing.
 - e. If there is a difference of opinion between the Bidder and Purchaser's Representative on whether a particular item, work or part of the work constitutes a change order or not, the matter shall be handled in accordance with the procedures set forth in Clause 5.29.7 (k) – Change Order/ Alteration/ Variation
- 5.29.7 Procedures for Change Order

- a. Upon receiving any revised requirement/ advice, in writing, from the Purchaser or Purchaser's Technical Representative, the Bidder would verbally discuss the matter with Purchaser's Representative
- b. In case such Requirement arises from the side of the Bidder, he would also verbally discuss the matter with Purchaser's Representative giving reasons thereof
- c. In either of the cases as explained in above two Clauses, the representatives of both the parties shall discuss on the revised Requirement for better understanding and to mutually decide whether such requirement constitutes a change order or not
- d. If it is mutually agreed that such Requirement constitutes a "Change Order" then a joint memorandum shall be prepared and signed by the Bidder and Purchaser to confirm a "Change Order" and basic ideas of necessary agreed arrangement
- e. Bidder shall study the revised requirement in accordance with the joint memorandum under Clause (d) above and assess subsequent schedule and cost effect, if any
- f. Upon completion of the study referred to above under Clause (e) above, the results of this study along with all relevant details including the estimated time and cost effect thereof with supporting documents would be submitted to the Purchaser to enable the Purchaser to give a final decision whether Bidder should proceed with the change order or not in the best interest of the works
- g. The estimated cost and time impact indicated by Bidder shall be considered as a ceiling limit and shall be provisionally considered for taking a decision to implement change order
- h. The time impact applicable to the Contract shall be mutually agreed, subsequently, on the basis of the detailed calculations supported with all relevant back up documents
- i. In case Bidder fails to submit all necessary substantiation/ calculations and back up documents, the decision of the Purchaser regarding time and cost impact shall be final and binding on the Bidder
- j. If Purchaser accepts the implementation of the Change Order under Clause 5.29.7 (f) - Change Orders/ Alteration/ Variation in writing, which would be considered as Change Order, then Bidder shall commence to proceed with the enforcement of the Change Order pending final agreement between the parties with regard to adjustment of the Contract Value and the Schedule
- k. In case, mutual agreement under Clause 5.29.7 (d) - Change Orders/ Alteration/ Variation, i.e. whether new requirement constitutes the Change Order or not, is not reached, then Bidder in the interest of the works, shall take up the enforcement of the Change Order, if advised in writing to do so by Purchaser's Representative pending settlement between the two parties to the effect whether such requirement constitutes a Change Order or not as per the terms and conditions of Contract documents. The time and cost effects in such a case shall be mutually verified and recorded. Should it establish that the said work constitutes a Change Order, the same shall be compensated taking into account the records kept in accordance with the Contract.
- l. The Bidder shall submit necessary back up documents for the Change Order showing the break-up of the various elements constituting the Change Order for the Purchaser's review. If no agreement is reached between the Purchaser and Bidder within 60 days after Purchaser's instruction in writing to carry out the change concerning the increase or decrease in the Contract Value and all other matters described above, either party may refer the dispute to arbitration.

5.29.8 Conditions for Revised Work/ Change Order

- a. The provisions of the Contract shall apply to Revised Work/ Change Order as if the revised Work/ Change Order has been included in the original Scope of Work. However, the Contract Value shall increase/ decrease and the schedule shall be adjusted on account of the revised Work/ Change Orders as may be mutually agreed in terms of provisions set forth in Clause 5.29 – Change Orders/ Alteration/ Variation. The Bidder’s obligations with respect to such revised Work/ Change Order shall remain in accordance with the Contract.

5.30 Suspension of Work

- 5.30.1 The Bidder shall, if ordered in writing by the Purchaser’s Representative, temporarily suspend the works or any part thereof for such a period and such a time as ordered. The Bidder shall not be entitled to claim compensation for any loss or damage sustained by him by reason of temporary suspension of the Works as aforesaid but shall be eligible for the payment (of products/ services delivered and accepted) during the suspension period as per Contract . An extension of time for completion, corresponding with the delay caused by any such suspension of the Works as aforesaid shall be granted to the Bidder, if request for same is made and that the suspension was not consequent to any default or failure on the part of the Bidder. Both Bidder and Purchaser acknowledge that suspension of Work by Purchaser, if results in extension of Contract, the extra cost shall be on account of Purchaser which shall be mutually agreed. In case the suspension of Works, is not consequent to any default or failure on the part of the Bidder, and lasts for a period of more than 2 months, the Bidder shall have the option to request the Purchaser to terminate the Contract with mutual consent.
- 5.30.2 In the event that the Purchaser suspends the progress of work for any reason not attributable to the Bidder for a period in excess of 30 days in aggregate, rendering the Bidder to extend his performance guarantee then Purchaser shall bear only the cost of extension of such bank guarantee for such extended period restricted to the normal bank rates as applicable in the international banking procedures subject to the Bidder producing the requisite evidence from the bank concerned

5.31 Time is of Essence

- 5.31.1 Time shall be of the essence in respect of any date or period specified in this Contract or any notice, demand or other communication served under or pursuant to any provision of this Contract and in particular in respect of the completion of the Services by the Bidder by the completion date

5.32 Completion of Contract

- 5.32.1 Unless terminated earlier, pursuant to Clauses 5.4 - Representations & Warranties, 5.17.3 - Intellectual Property Rights, 5.20 - Ownership and Retention of Documents, 5.21 - Ownership of Equipment and 5.23 - Confidentiality, the Contract shall terminate on the completion of term as specified in the Contract and only after the obligations mentioned in Clause 5.37 – Consequences of Termination are fulfilled to the satisfaction of the Purchaser

5.33 Special Conditions of Contract

- 5.33.1 Amendments of, and Supplements to, Clauses in the General Conditions of Contract

5.34 Event of Default by the Bidder

- 5.34.1 The failure on the part of the Bidder to perform any of its obligations or comply with any of the terms of this Contract which results in a material breach of the Contract shall constitute

an Event of Default on the part of the Bidder. The Events of Default as mentioned above may include inter-alia the following:

- a. the Bidder has failed to adhere to any of the key performance indicators as laid down in the Key Performance Measures/ Contract, or if the Bidder has fallen short of matching such standards/ targets as the Purchaser may have designated with respect to any task necessary for the execution of the Scope of Work under this Contract which results in a material breach of the Contract. The above mentioned failure on the part of the Bidder may be in terms of failure to adhere to timelines, specifications, requirements or any other criteria as defined by the Purchaser;
 - b. the Bidder has failed to remedy a failure to perform its obligations in accordance with the specifications issued by the Purchaser, despite being served with a default notice which laid down the specific deviance on the part of the Bidder to comply with any stipulations or standards as laid down by the Purchaser; or
 - c. the Agency/ Bidder's Team has failed to conform with any of the Service/ Facility Specifications/ standards as set out in the scope of work of this RFP or has failed to adhere to any amended direction, modification or clarification as issued by the Purchaser during the Term of this Contract and which the Purchaser deems proper and necessary for the execution of the Scope of Work under this Contract
 - d. the Bidder has failed to demonstrate or sustain any representation or warranty made by it in this Contract, with respect to any of the terms of its Bid, the RFP and this Contract
 - e. There is an order from a court of competent jurisdiction for bankruptcy, insolvency, winding up or there is an appointment of receiver, liquidator, assignee, or similar official against or in relation to the Bidder
 - f. The Bidder Abandons the project during the Term of the Contract
- 5.34.2 Where there has been an occurrence of such defaults inter alia as stated above, the Purchaser shall issue a notice of default to the Bidder, setting out specific defaults/ deviances/ omissions and providing a notice of Sixty (60) days to enable such defaulting party to remedy the default committed
- 5.34.3 Where despite the issuance of a default notice to the Bidder by the Purchaser the Bidder fails to remedy the default to the satisfaction of the Bidder, the Purchaser may, where it deems fit, issue to the defaulting party another default notice or proceed to adopt such remedies as may be available to the Purchaser

5.35 Consequences of Event of Default

- 5.35.1 Where an Event of Default subsists or remains uncured the Purchaser may/ shall be entitled to:
- 5.35.2 The Bidder shall in addition take all available steps to minimize loss resulting from such event of default
- 5.35.3 The Purchaser may, by a written notice of suspension to the Bidder, suspend all payments to the Bidder under the Contract, provided that such notice of suspension:
- a. shall specify the nature of the failure; and
 - b. shall request the Bidder to remedy such failure within a specified period from the date of receipt of such notice of suspension by the Bidder
- 5.35.4 In all cases of risk purchase, the difference in cost shall be borne by defaulting bidder
- 5.35.5 Terminate the Contract in Part or Full
- a. Retain such amounts from the payment due and payable by the Purchaser to the Bidder as may be required to offset any losses caused to the Purchaser as a result of such event of

default and the Bidder shall compensate the Purchaser for any such loss, damages or other costs, incurred by the Purchaser in this regard. Nothing herein shall effect the continued obligation of the Bidder and Bidder's Team to perform all their obligations and responsibilities under this Contract in an identical manner as were being performed before the occurrence of the default

- b. Invoke the Performance Bank Guarantee and other Guarantees furnished hereunder, recover such other costs/ losses and other amounts from the Bidder as may have resulted from such default and pursue such other rights and/or remedies that may be available to the Purchaser under law

5.36 Termination

5.36.1 The Purchaser may, terminate this Contract in whole or in part by giving the Bidder a prior and written notice indicating its intention to terminate the Contract under the following circumstances:

- a. Where the Purchaser is of the opinion that there has been such Event of Default on the part of the Bidder which would make it proper and necessary to terminate this Contract and may include failure on the part of the Bidder to respect any of its commitments with regard to any part of its obligations under its Bid, the RFP or under this Contract
- b. Where it comes to the Purchaser's attention that the Bidder (or the Bidder's Team) is in a position of actual conflict of interest with the interests of the Purchaser, in relation to any of terms of the Bidder's Bid, the RFP or this Contract
- c. Where the Bidder's ability to survive as an independent corporate entity is threatened or is lost owing to any reason whatsoever, including inter-alia the filing of any bankruptcy proceedings against the Bidder, any failure by the Bidder to pay any of its dues to its creditors, the institution of any winding up proceedings against the Bidder or the happening of any such events that are adverse to the commercial viability of the Bidder. In the event of the happening of any events of the above nature, the Purchaser shall reserve the right to take any steps as are necessary, to ensure the effective transition of the project to a successor Bidder/ service provider, and to ensure business continuity
- d. Termination for Insolvency: The Purchaser may at any time terminate the Contract by giving written notice to the Bidder, without compensation to the Bidder, if the Bidder becomes bankrupt or otherwise insolvent, provided that such termination shall not prejudice or affect any right of action or remedy which has accrued or shall accrue thereafter to the Purchaser
- e. Termination for Convenience: The Purchaser, may, by prior written notice sent to the Bidder at least 6 months in advance, terminate the Contract, in whole or in part at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of work under the Contract is terminated, and the date upon which such termination becomes effective. In case of termination, OCAC shall pay for accepted Goods/ Services completed up to the date of termination.

5.37 Consequences of Termination

5.37.1 In the event of termination of this Contract due to any cause whatsoever, the empanelment with stand cancelled effective from the date of termination of this Contract

5.37.2 In case of exigency, if the Purchaser gets the work done from elsewhere, the difference in the cost of getting the work done shall be borne by the successful Bidder

5.37.3 Where the termination of the Contract is prior to its stipulated term on account of a Default on the part of the Bidder or due to the fact that the survival of the Bidder as an independent

corporate entity is threatened/ has ceased, or for any other reason, whatsoever, the Purchaser through re-determination of the consideration payable to the Bidder as agreed mutually by the Purchaser and the Bidder or through a Third Party acceptable to both the parties may pay the Bidder for that part of the Services which have been authorized by the Purchaser and satisfactorily performed by the Bidder up to the date of termination. Without prejudice any other rights, the Purchaser may retain such amounts from the payment due and payable by the Purchaser to the Bidder as may be required to offset any losses caused to the Purchaser as a result of any act/ omissions of the Bidder. In case of any loss or damage due to default on the part of the Bidder in performing any of its obligations with regard to executing the Scope of Work under this Contract, the Bidder shall compensate the Purchaser for any such loss, damages or other costs, incurred by the Purchaser. Additionally, the subcontractor/ other members of its team shall perform all its obligations and responsibilities under this Contract in an identical manner as were being performed before the collapse of the Bidder as described above in order to execute an effective transition and to maintain business continuity. All third parties shall continue to perform all/ any functions as stipulated by the Purchaser and as may be proper and necessary to execute the scope of work under the Contract in terms of the Bidder's Bid, the RFP and this Contract.

- 5.37.4 Nothing herein shall restrict the right of the Purchaser to invoke the Bank Guarantee and other Guarantees furnished hereunder, enforce the Deed of Indemnity and pursue such other rights and/or remedies that may be available to the Purchaser under law
- 5.37.5 The termination hereof shall not affect any accrued right or liability of either Party nor affect the operation of the provisions of this Contract that are expressly or by implication intended to come into or continue in force on or after such termination

5.38 Penalty

- 5.38.1 Ongoing performance and Service Levels shall be as per parameters stipulated by the Purchaser in this Contract, failing which the Purchaser may, at its discretion, impose Penalties on the Bidder as defined in General Conditions of the Contract and Service Level Agreement of the RFP

5.39 Liquidated Damages

- 5.39.1 Subject to Clause 5.49 – Force Majeure, if the Bidder fails to complete the entire works before the scheduled completion date or the extended date or if Bidder repudiates the Contract before completion of the Work, the Purchaser may without prejudice to any other right or remedy available to the Purchaser as under the Contract:

- a. Recover from the Bidder, as liquidated damages a sum equivalent to 0.5% of the Contract Value for each day delay beyond the Scheduled completion date or part thereof, subject to a maximum of 10% of "Contract Value". For this purpose of liquidated damage, the scheduled completion date shall be taken as "Date of Go-Live of IPv6 implemented network".

AND/ OR

- b. Terminate the Contract or a portion or part of the work thereof. The purchaser shall give 30 days' notice to the Bidder of its intention to terminate the Contract and shall so terminate the Contract unless during the 30 days' notice period, the Bidder initiates remedial action acceptable to the Purchaser.
- 5.39.2 The Purchaser may without prejudice to its right to effect recovery by any other method, deduct the amount of liquidated damages from any money belonging to the Bidder in its

hands under this Contract only (which includes the Purchaser's right to claim such amount against Bidder's Bank Guarantee) or which may become due to the Bidder. Any such recovery or liquidated damages shall not in any way relieve the Bidder from any of its obligations to complete the work or from any other obligations and liabilities under the Contract.

- 5.39.3 Delay not attributable to the Bidder shall be considered for exclusion for the purpose of computing liquidated damages

5.40 Dispute Resolution

- 5.40.1 The Purchaser and the Bidder shall make every effort to resolve amicably by direct informal negotiations, any disagreement or disputes, arising between them under or in connection with the Contract
- 5.40.2 If, after Thirty (30) days from the commencement of such direct informal negotiations, the Purchaser and the Bidder have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred for resolution to the formal mechanism specified in Clause 5.40.3 - Dispute Resolution and Clause 5.40.4 - Dispute Resolution
- 5.40.3 In the case of a dispute or difference arising between the Purchaser and the Bidder relating to any matter arising out of or connected with this Contract, such dispute or difference shall be referred to the award of two Arbitrators, one Arbitrator to be nominated by the Purchaser and the other to be nominated by the Bidder or in case of the said Arbitrators not agreeing, then to the award of an Umpire to be appointed by the Arbitrators in writing before proceeding with the reference, and in case the Arbitrators cannot agree to the Umpire, he may be nominated by the Secretary, Indian Council of Arbitration, New Delhi. The award of the Arbitrators, and in the event of their not agreeing, of the Umpire appointed by them or by the Secretary, Indian Council of Arbitration, Odisha, shall be final and binding on the parties.
- 5.40.4 The Arbitration and Conciliation Act 1996, the rules hereunder and any statutory modification or re-enactment thereof, shall apply to the arbitration proceedings
- 5.40.5 The Arbitration proceedings shall be held in Odisha, India
- 5.40.6 The Arbitration proceeding shall be governed by the substantive laws of India
- 5.40.7 The proceedings of Arbitration shall be in English language
- 5.40.8 Except as otherwise provided elsewhere in the Contract if any dispute, difference, question or disagreement arises between the parties hereto or their respective representatives or assignees, at any time in connection with construction, meaning, operation, effect, interpretation or out of the Contract or breach thereof the same shall be decided by an Arbitral Tribunal consisting of three Arbitrators. Each party shall appoint one Arbitrator and the Arbitrators so appointed shall appoint the third Arbitrator who shall act as Presiding Arbitrator.
- 5.40.9 In case, a party fails to appoint an arbitrator within 30 days from the receipt of the request to do so by the other party or the two Arbitrators so appointed fail to agree on the appointment of third Arbitrator within 30 days from the date of their appointment upon request of a party, the Chief Justice of India or any person or institution designated by him (in case of International commercial Arbitration) shall appoint the Arbitrators/ Presiding Arbitrator. In case of domestic contracts, the Chief Justice of the High Court or any person or institution designated by him within whose jurisdiction the subject work order/ contract has been placed/ made, shall appoint the arbitrator/ Presiding Arbitrator upon request of one of the parties.

- 5.40.10 If any of the Arbitrators so appointed dies, resigns, incapacitated or withdraws for any reason from the proceedings, it shall be lawful for the concerned party/ arbitrator to appoint another person in his place in the same manner as aforesaid. Such person shall proceed with the reference from the stage where his predecessor had left if both parties consent for the same; otherwise, he shall proceed de novo.
- 5.40.11 It is a term of the Contract that the party invoking arbitration shall specify all disputes to be referred to arbitration at the time of invocation of arbitration and not thereafter
- 5.40.12 It is also a term of the Contract that neither party to the Contract shall be entitled for any interest on the amount of the award
- 5.40.13 The Arbitral Tribunal shall give reasonable award and the same shall be final, conclusive and binding on the parties
- 5.40.14 The fees of the arbitrator shall be borne by the parties nominating them and the fee of the Presiding Arbitrator, costs and other expenses incidental to the arbitration proceedings shall be borne equally by the parties
- 5.40.15 Subject to as aforesaid the provisions of the Arbitration and Conciliation Act, 1996 and any statutory modifications or re-enactment in lieu thereof shall apply to the arbitration proceedings under this clause
- 5.40.16 Continuance of the Contract:
Notwithstanding the fact that settlement of dispute(s) (if any) under arbitration may be pending, the parties hereto shall continue to be governed by and perform the work in accordance with the provisions under this Contract.

5.41 Insurance

- 5.41.1 The goods supplied under this Contract shall be fully insured by the Bidder, against any loss or damage up to the time it is delivered to the Bidder-designated carrier for shipment to Purchaser or to Purchaser's designated location, The Bidder shall submit to the Purchaser, certificate of insurance issued by the insurance company, indicating that such insurance has been taken
- 5.41.2 The Bidder shall bear all the statutory levies like customs, insurance, freight, etc. applicable on the goods during their shipment from respective manufacturing/ shipment site of the OEM to the port of landing
- 5.41.3 All charges like transportation charges, octroi, etc. that may be applicable till the goods are delivered at the respective site of installation shall also be borne by the Bidder
- 5.41.4 The Bidder during the term of this Contract undertakes to ensure that it has taken or shall take up all appropriate insurances for the delivery of goods that it is required to undertake under law as well as to adequately cover its obligations under this Contract:
- a. shall take out and maintain, at his own cost insurance with IRDA approved insurers against the risks, and for the coverage, as specified below: shall pay all premium in relation thereto and shall ensure that nothing is done to make such insurance policies void or voidable at the Purchaser's request, shall provide certificate of insurance to the Purchaser showing that such insurance has been taken out and maintained. Employer's liability and workers' compensation insurance in respect of the Personnel of the Bidder/ Bidder's Team, in accordance with the relevant provisions of the Applicable Law, as well as, with respect to such Personnel, any such life, health, accident, travel or other insurance as may be appropriate; and
 - b. Insurance against loss of or damage to

- i. equipment or assets procured or developed in whole or in part for fulfilment of obligations under this Contract
 - ii. the Bidder's assets and property used in the performance of the Services
- 5.41.5 If the Bidder fails to effect and maintain insurances as described above, the Purchaser may effect and maintain such insurances on behalf of the Bidder and deduct such amounts from the amounts due and payable to the Bidder

5.42 Transfer of Ownership

- 5.42.1 The Bidder must transfer all goods, clear and unencumbered titles to the assets and goods procured for the purpose of the project to the Purchaser at the time of delivery of assets and goods. This includes all licenses, titles, source code, certificates, hardware, devices, equipment's etc. related to the system designed, developed, installed and maintained by the Bidder.

5.43 Limitation of the Bidder's Liability towards the Purchaser

- 5.43.1 Except in case of gross negligence, wilful misconduct, breach of Applicable Laws, breach of representations and warranties and breach of indemnity provisions on the part of the Bidder or on the part of any person or company acting on behalf of the Bidder in carrying out the Services, the Bidder, with respect to damage caused by the Bidder to Purchaser's property, shall not be liable to purchaser
- a. For any indirect or consequential loss or damage; and
 - b. For any direct loss or damage that exceeds the total payments payable under his Contract to the Bidder hereunder

5.44 Conflict of Interest

- 5.44.1 The Bidder shall disclose to the Purchaser in writing, all actual and potential Conflicts of Interest that exist, arise or may arise (either for the Bidder or the Bidder's Team) in the course of performing the Services as soon as practical after it becomes aware of that conflict

5.45 Severance

- 5.45.1 In the event any provision of this Contract is held to be invalid or unenforceable under the applicable law, the remaining provisions of this Contract shall remain in full force and effect

5.46 Governing Language

- 5.46.1 The Contract shall be written in English language. Clause 5.50.5 - General such language versions of the Contract shall govern its interpretation. All correspondence and other documents pertaining to the Contract that are exchanged by parties shall be written in English language only.

5.47 "No Claim" Certificate

- 5.47.1 The Bidder shall not be entitled to make any claim, whatsoever against the Purchaser, under or by virtue of or arising out of, this Contract, nor shall the Purchaser entertain or consider any such claim, if made by the Bidder after he shall have signed a "No claim" certificate in favour of the Purchaser in such forms as shall be required by the Purchaser after the works are finally accepted

5.48 Publicity

- 5.48.1 The Bidder shall not make or permit to be made a public announcement or media release about any aspect of this Contract unless the Purchaser first gives the Bidder its written consent

5.49 Force Majeure

- 5.49.1 Force Majeure shall mean an event beyond the control of the Parties and which prevents a Party from complying with any of its obligations under this Contract, including but not limited to:
- a. act of God (such as, but not limited to, fires, explosions, earthquakes, drought, tidal waves and floods);
 - b. war, hostilities (whether war be declared or not), invasion, act of foreign enemies, mobilisation, requisition, or embargo;
 - c. rebellion, revolution, insurrection, or military or usurped power, or civil war;
 - d. contamination by radio-activity from any nuclear fuel, or from any nuclear waste from the combustion of nuclear fuel, radio-active toxic explosive, or other hazardous properties of any explosive nuclear assembly or nuclear component of such assembly;
 - e. riot, commotion, strikes, go slows, lock outs or disorder, unless solely restricted to employees of the Supplier or of his Subcontractors; or
 - f. acts or threats of terrorism
- 5.49.2 Force Majeure shall not include any events caused due to acts/ omissions of such Party or result from a breach/ contravention of any of the terms of the Contract, Bid and/or the RFP. It shall also not include any default on the part of a Party due to its negligence or failure to implement the stipulated/ proposed precautions, as were required to be taken under the Contract. However, the Bidder shall note that cyber-attack, corruption of information, software corruption, destruction of information, virus attack in the system or any such software malfunction shall not constitute a Force Majeure event and the rectification of the same shall be borne by the Bidder
- 5.49.3 The failure or occurrence of a delay in performance of any of the obligations of either party shall constitute a Force Majeure event only where such failure or delay could not have reasonably been foreseen, or where despite the presence of adequate and stipulated safeguards the failure to perform obligations has occurred. In such an event, the affected party shall inform the other party in writing within five days of the occurrence of such event. The Purchaser shall make the payments due for Services rendered till the occurrence of Force Majeure. However, any failure or lapse on the part of the Bidder in performing any obligation as is necessary and proper, to negate the damage due to projected Force Majeure events or to mitigate the damage that may be caused due to the abovementioned events or any failure in setting up a contingency mechanism would not constitute Force Majeure, as set out above.
- 5.49.4 In case of a Force Majeure, all Parties shall endeavour 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
- 5.49.5 On occurrence of Force Majeure, Bidder shall bear their own costs, and the Purchaser shall not be liable to the Bidder for any costs that the latter incurs on account of such Force Majeure

5.49.6 In case of Force Majeure continues for 180 days, the Contract shall be deemed to have been terminated

5.50 General

5.50.1 Relationship between the Parties

- a. Nothing in this Contract constitutes any fiduciary relationship between the Purchaser and Agency/ Bidder's Team or any relationship of employer employee, principal and agent, or partnership, between the Purchaser and Bidder
- b. No Party has any authority to bind the other Party in any manner whatsoever except as agreed under the terms of this Contract
- c. The Purchaser has no obligations to the Bidder's Team except as agreed under the terms of this Contract

5.50.2 No Assignment

The Bidder shall not transfer any interest, right, benefit or obligation under this Contract without the prior written consent of the Purchaser.

5.50.3 Survival

The provisions of the clauses of this Contract in relation to documents, data, processes, property, Intellectual Property Rights, indemnity, publicity and confidentiality and ownership survive the expiry or termination of this Contract and in relation to confidentiality, the obligations continue to apply unless the Purchaser notifies the Bidder of its release from those obligations.

5.50.4 Entire Contract

The terms and conditions laid down in the RFP and all annexure thereto as also the Bid and any attachments/ annexes thereto shall be read in consonance with and form an integral part of this Contract. This Contract supersedes any prior Contract, understanding or representation of the Parties on the subject matter.

5.50.5 Governing Law

This Contract shall be Governed in accordance with the Laws of India.

5.50.6 Jurisdiction of Courts

The courts of India at Odisha have exclusive jurisdiction to determine any proceeding in relation to this Contract.

5.50.7 Compliance with Laws

The Bidder shall comply with the laws in force in India in the course of performing this Contract.

5.50.8 Notices

- a. A "notice" means:
 - i. A notice; or
 - ii. A consent, approval or other communication required to be in writing under this Contract

All notices, requests or consents provided for or permitted to be given under this Contract shall be in writing and shall be deemed effectively given when personally delivered or mailed by pre-paid certified/ registered mail, return receipt requested, addressed as follows and shall be deemed received two days after mailing or on the date of delivery if personally delivered:

To Purchaser at:

Odisha Computer Application Centre (OCAC)

<<Attn: XXXX, XXXX, OCAC >>

[Phone:]

[Fax:]

To Bidder at:

Attn:

[Phone:]

[Fax:]

Any Party may change the address to which notices are to be directed to it by notice to the other parties in the manner specified above.

A notice served on a Representative is taken to be notice to that Representative's Party.

5.50.9 Waiver

- a. Any waiver of any provision of this Contract is ineffective unless it is in writing and signed by the Party waiving its rights
- b. A waiver by either Party in respect of a breach of a provision of this Contract by the other Party is not a waiver in respect of any other breach of that or any other provision
- c. The failure of either Party to enforce at any time any of the provisions of this Contract shall not be interpreted as a waiver of such provision

5.50.10 Modification

Any modification of this Contract shall be in writing and signed by an authorized representative of each Party.

5.50.11 Application

These General Conditions shall apply to the extent that provisions in other parts of the Contract do not supersede them

5.51 Exit Management Plan

5.51.1 An Exit Management plan shall be furnished by Bidder in writing to the Purchaser within 60 days from the date of signing the Contract, which shall deal with at least the following aspects of exit management in relation to the Contract as a whole and in relation to the Project Implementation, and Service Level monitoring

- a. A detailed program of the transfer process that could be used in conjunction with a Replacement System Integrator including details of the means to be used to ensure continuing provision of the services throughout the transfer process or until the cessation of the services and of the management structure to be used during the transfer
- b. Plans for provision of contingent support to Project and Replacement System Integrator for a reasonable period after transfer
- c. Exit Management plan in case of normal termination of Contract period
- d. Exit Management plan in case of any eventuality due to which Project is terminated before the contract period

- e. Exit Management plan in case of termination of the Bidder
- 5.51.2 Exit Management plan at the minimum adhere to the following:
- a. Three (3) months of the support to Replacement System Integrator post termination of the Contract
 - b. Complete handover of the Planning documents, bill of materials, functional requirements specification, technical specifications of all equipment's, change requests if any, sources codes, reports, documents and other relevant items to the Replacement System Integrator/ Purchaser
 - c. Certificate of Acceptance from authorized representative of Replacement System Integrator issued to the Bidder on successful completion of handover and knowledge transfer
 - d. In the event of termination or expiry of the Contract, Project Implementation, or Service Level monitoring, both Bidder and Purchaser shall comply with the Exit Management Plan
 - e. During the exit management period, the Bidder shall use its best efforts to deliver the services

5.52 IT Act 2008

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 2008 (amendment)

5.53 Issue Management Procedures

5.53.1 General

Issue Management process provides for an appropriate management structure towards orderly consideration and resolution of business and operational issues in the event of a quick consensus not reached between OCAC and Bidder.

Implementing such a process at the commencement of services shall significantly improve the probability of successful issue resolution. It is expected that this pre-defined process shall only be used on an exception basis if issues are not resolved at operational levels.

5.53.2 Issue Management Procedures

- a. Either OCAC or Bidder may raise an issue by documenting the business or technical problem, which presents a reasonably objective summary of both points of view and identifies specific points of disagreement with possible solutions
- b. The OCAC and the Bidder shall determine which committee or executive level should logically be involved in resolution. A chain of management escalation is defined in the document.
- c. A meeting or conference call shall be conducted to resolve the issue in a timely manner. The documented issues shall be distributed to the participants at least 24 hours prior to the discussion if the issue is not an emergency requiring immediate attention.
- d. The OCAC and the Bidder shall develop an interim solution, if required, and subsequently the permanent solution for the problem at hand. The Bidder shall then communicate the resolution to all interested parties.
- e. In case the issue is still unresolved, the arbitration procedures described in the Contract shall be applicable

5.53.3 SLA Change Control

a. General

It is acknowledged that this SLA may change as OCAC's business needs evolve over the course of the Contract period. This document also defines the following management procedures:

- i. A process for negotiating changes to the SLA
- ii. An issue management process for documenting and resolving difficult issues
- iii. OCAC and Bidder management escalation process to be used in the event that an issue is not being resolved in a timely manner by the lowest possible level of management

Any changes to the levels of service provided during the term of this Contract shall be requested, documented and negotiated in good faith by both parties. Either party can request a change. Changes shall be documented as an addendum to this SLA and, subsequently, the Contract.

If there is any confusion or conflict between this document and the Contract, the RFP and its addenda, the Contract shall supersede.

b. SLA Change Process

The parties may amend this SLA by mutual agreement in accordance with terms of this Contract. Changes can be proposed by either party. The Bidder can initiate an SLA review with the OCAC. Normally, the forum for negotiating SLA changes shall be OCAC's quarterly meetings. Unresolved issues shall be addressed using the issue management process.

The Bidder shall maintain and distribute current copies of the SLA document as directed by OCAC. Additional copies of the current SLA shall be made available at all times to authorized parties.

c. Version Control

All negotiated SLA changes shall require changing the version control number. As appropriate, minor changes may be accumulated for periodic release (e.g. every quarter) or for release when a critical threshold of change has occurred.

d. Responsibilities of the Parties

Bidder

Bidder is responsible for executing this Contract and delivering the services, while maintaining the specified performance targets.

Additionally the Bidder is responsible for:

- i. Reporting problems to OCAC as soon as possible
- ii. Assisting OCAC in management of the SLA
- iii. Providing early warning of any organizational, functional or technical changes that might affect Bidder's ability to deliver the services
- iv. Assisting OCAC to address and resolve issues from time to time

Bidder shall take immediate action to identify problems and follow up with appropriate action to fix them as quickly as possible.

OCAC

OCAC is responsible for:

- i. Reporting defects and problems to the Bidder as soon as possible
- ii. Assisting Bidder in management of the SLA
- iii. Providing early warning of any organizational, functional or technical changes that might affect Bidder's ability to deliver the services

- iv. Assisting Bidder to address and resolve issues from time to time
- e. Penalties
 - i. The total quarterly deduction shall not exceed 5% of the total Work order value
 - ii. Two consecutive quarterly deductions of more than 4% of the total Work order value on account of any reasons, shall be deemed to be an event of default and termination General Conditions of the Contract and the consequences shall follow

Overall penalties including LD shall be deducted with a maximum capping of 15% of the Contract Value. Subsequently OCAC reserves the right to initiate termination of the Contract/ legal action against the vendor/ Bidder.

f. Management Escalation Procedures & Contact Map

The purpose of this escalation process is to provide a quick and orderly method of notifying both parties that an issue is not being successfully resolved at the lowest possible management level. Implementing this procedure would mean that OCAC and Bidder management are communicating at the appropriate levels.

Escalation Procedure

Escalation should take place on an exception basis and only if successful issue resolution cannot be achieved in a reasonable time frame.

- i. Either OCAC or Bidder can initiate the procedure
- ii. The “moving party” should promptly notify the other party that management escalation shall be initiated
- iii. Management escalation shall be defined as shown in the contact map below
- iv. Escalation shall be one level at a time and concurrently

Contact Map

Escalation Level	Department Representative with contact Details	Bidder* Representative with contact Details
Level 1: Project Manager		
Level 2: Project Director		
Level 3: Technical Committee		

*Bidder shall provide information for the following:

- i. Chief Executive Officer
- ii. Project Manager
- iii. Team Members/ Engineers

g. Acceptance of SLA

IN WITNESS WHEREOF, the parties hereto have caused this Service Level Agreement vide Tender No. <TENDER REFERENCE NUMBER> Dated <DATE> to be executed by their respective authorized representatives.

For and on behalf of:

_____ Bidder

For and on behalf of:

_____ OCAC

Place: _____

Place: _____

Date: _____

Date: _____

Name: _____

Name: _____

Office Seal: _____

Office Seal: _____

5.54 Change Control

5.54.1 Change Control Procedure

This part of the section describes the procedure to be followed in the event of any proposed change to this Contract and Project Implementation & Maintenance. Such change shall include, but shall not be limited to, changes in the scope of work by the Bidder and changes to the terms of payment as stated in the RFP.

OCAC recognize that frequent change is an inevitable part of delivering services and that a significant element of this change can be accomplished by re-organizing processes and responsibilities without a material effect on the cost. The Bidder shall endeavour, wherever reasonably practicable, to effect change without an increase in the terms of payment as stated in the RFP and OCAC shall work with the Bidder to ensure that all changes are discussed and managed in a constructive manner.

This Change Control Schedule sets out the provisions which shall apply to changes to (a) the Contract; (b) the Project Implementation; and (c) the Project Maintenance.

- a. Change Control Note ("CCN") & Change Note on Scope of Work ("CNS")
 - i. For performing of any functional changes to system, which are deviating from the signed-off Functional Requirements/ System Requirements, a separate Change Control Note (CCN) shall be prepared by the Bidder and the changes in the Solution shall be implemented accordingly at no additional cost to OCAC. The time period for implementation of change shall be mutually decided between Bidder and OCAC.
 - ii. In case there is a change request in the Scope of Work, the Bidder shall prepare the "CNS (change note on Scope of Work)" and get it approved by OCAC for the additional cost, effort and implementation time
 - iii. The pricing of any Change shall, as far as practicable, be calculated in accordance with the rates and prices included in the Contract. If the nature of the Change is such that the Contract rates and prices are inequitable, the parties to the Contract shall agree on other specific rates to be used for valuing the Change.
- b. Decision of OCAC on change being a CCN or CNS would be final & binding on Bidder
 - i. Change requests in respect of the Contract, the Project Implementation, or the Maintenance SLA shall emanate from the Parties' respective Project Manager who shall be responsible for obtaining approval for the change and who shall act as its sponsor throughout the Change Control Note/ Change in Scope Process and shall complete Part A of the CCN/ CNS attached below hereto. CCNs/ CNSs shall be presented to the other Party's Project Manager who shall acknowledge receipt by signature of the CCN/ CNS.
 - ii. The Bidder and OCAC, while preparing the CNS, shall consider the change only when such change is beyond the Scope of Work including ancillary and concomitant services required as detailed in RFP. The value of each CNS request should not be exceeding 5% of the

contract value in any case and overall cost of CNSs, during the term of project, shall not exceed 15% of the contract value.

- iii. It is hereby also clarified that the payment for the change of scope as stated shall be calculated as per the estimated man-month effort quoted by the Bidder in its bid and stated in a man-month effort to be submitted by the Bidder prior to taking up the change of control event and accepted by OCAC

c. Quotation

- i. The Bidder shall assess the CCN/ CNS and complete Part B of the CCN/ CNS. In completing Part B of the CCN/ CNS the Bidder shall provide as a minimum:
 - a description of the change;
 - a list of deliverables required for implementing the change;
 - a timetable for implementation;
 - an estimate of any proposed change;
 - any relevant acceptance criteria;
 - an assessment of the value of the proposed change for CNS;
 - Material evidence to prove that the proposed change is not already covered within the scope of the project, SLAs, or Contract
- ii. Prior to submission of the completed CCN/ CNS to OCAC, the Bidder shall undertake its own internal review of the proposal and obtain all necessary internal approvals. As a part of this internal review process, the Bidder shall consider the materiality of the proposed change in the context of the Contract, the Project Implementation including SLAs affected by the change and the total effect that may arise from implementation of the change.
- iii. Materiality criteria shall be established by OCAC, and the Bidder's Project Manager. Changes requiring no escalation of authority can be implemented. Discussion and Contract as to materiality shall be held in accordance with the Governance Schedule.
- iv. Upon receipt of the Change Proposal, OCAC and the Bidder shall mutually agree upon all matters contained in the Change Proposal. Within fourteen (14) days after such agreement, OCAC shall, if it intends to proceed with the Change, issue the Bidder a Change Order. If the OCAC is unable to reach a decision within fourteen (14) days, it shall notify the Bidder with details of when the Bidder can expect a decision. If OCAC decides not to proceed with the Change for whatever reason, it shall, within the said period of fourteen (14) days, notify the Bidder accordingly.

d. Costs

Bidder shall be responsible for its own costs incurred in the quotation, preparation of CCNs/ CNSs and in the completion of its obligations described in this process provided the Bidder meets the obligations as set in the CCN/ CNS. In the event the Bidder is unable to meet the obligations as defined in the CCN/ CNS then the cost of getting it done by third party shall be borne by the Bidder.

e. Reporting/ Review

The Status on the progress of the Change requests and CCNs/ CNSs shall be reported by Bidder to OCAC on a periodic basis and same shall be reviewed by both the parties on Fort-nightly basis. For any changes in the IPv6 implementation, identified by either party, Bidder shall prepare a detailed Change Control Note/ Change Note on Scope of Work within ten working days from the date of intimation of such change.

f. Obligations

The Bidder shall be obliged to implement any proposed changes once approval from OCAC in accordance with this CCN/ CNS has been given, with effect from the date agreed for implementation.

g. Payment for Change Order

Payment for any change order on Scope of Work (CNS) shall be on the basis of the blended Man-month rate as quoted in the Commercial Bid (exclusive of any Tax) and would be paid quarterly.

6 Evaluation of Eligibility Criteria

1. In this part, the bid shall be reviewed for determining the Compliance of the general conditions of the Contract and Eligibility Criteria as mentioned in the RFP. Any deviation for general conditions of the Contract and eligibility criteria shall lead to rejection of the bid.
2. Before opening and evaluation of their technical proposals, bidders are expected to meet all the conditions of the RFP and the eligibility criteria as mentioned below. Bidders failing to meet these criteria or not submitting requisite supporting documents/ documentary evidence in support of eligibility criteria are liable to be rejected summarily.
3. The bidder must possess the requisite experience, strength and capabilities in providing the services necessary to meet the requirements, as described in the RFP. The bids must be complete in all respects and should cover the entire scope of work as stipulated in the RFP. The invitation to the bids is open to all bidders who qualify the eligibility criteria as follows:

S. No.	Criteria	Documentary Evidence
1.	<p>The Bidder should be registered under Companies Act, 1956 or as amended or a LLP firm under the Limited Liability Partnership Act, 2008.</p> <p>The Bidder should have an average annual turnover of INR 300 crores and positive net-worth for the last three financial years (FY 2014-15, 2015-16 and 2016-17) with at least 5 years of Operations in India as on bid submission date.</p>	<p>§ Copy of Certification of Incorporation/ Registration Certificate</p> <p>§ PAN card</p> <p>§ GST registration</p> <p>§ Audited financial statements for the last three financial years (FY 2014-15 and 2015-16, 2016-17)</p> <p>§ Certificate from the Statutory Auditor on turnover details for the last three (3) financial years (FY 2014-15, 2015-16 and 2016-17)</p> <p>§ Certificate from the Statutory Auditor on positive net-worth for the last three (3) financial years (FY 2014-15, 2015-16 and 2016-17)</p>
2.	<p>The Bidder should have experience in India of executing at least two projects (out of which 1 project should have been completed for any Government Institution) per business area in any two (2) of following "Specific Business Areas" during the last 5 years as on bid submission date:</p> <ol style="list-style-type: none"> 1. IPv6 Migration Services (excluding IT Infrastructure and licenses) with minimum value of 5 Crore 2. <ol style="list-style-type: none"> a. Design, Supply, Installation and Operations & Maintenance of one project of Enterprise Network (including wireless network, end points (IP phones, video conference equipment etc.) and excluding any application design and 	<p>§ Work order clearly highlighting the Scope of Work, Bill of Material and value of the Order</p> <p style="text-align: center;">OR</p> <p>§ Contract clearly highlighting the Scope of Work, Bill of Material and value of the Contract</p> <p style="text-align: center;">AND</p> <p>§ Completion Certificate issued & signed by the competent authority of the client entity on the entity's letterhead</p> <p><i>Note:</i> In case of a turnkey project, the Bidder is required to submit a certificate from Statutory Auditor specifying value of the respective business area.</p>

S. No.	Criteria	Documentary Evidence
	<p>development) with minimum value of INR 70 Crore</p> <p style="text-align: center;">OR</p> <p>b. Design, Supply, Installation and Operations & Maintenance of two projects (unit) of Enterprise Network (including wireless network, end points (IP phones, video conference equipment etc.) and excluding any application design and development) with minimum value of INR 40 Crore each <i>(these two projects (unit) shall be considered as a single project for all evaluation purposes of this RFP</i></p> <p>For example: In case the Bidder is quoting the option 2.b. above, then the bidder shall be required to submit the documentary evidences as desired of both the projects.)</p> <p>3. Design, Supply, Installation and Operations & Maintenance of IT Infrastructure for Data Centre (excluding any application design and development) with minimum value of 20 Crore</p> <p><u>Note:</u> <i>Bidders who have built their own Data Centre (IDC)/ Enterprise Network for commercial use shall be considered.</i></p>	
3.	<p>The Bidder should possess any two (2) of the below certifications which are valid as on bid submission date:</p> <ul style="list-style-type: none"> - ISO 9001:2008/ ISO 9001:2015 for Quality Management System - ISO 20000:2011 for IT Service Management - ISO 27001:2013 for Information Security Management System 	§ Copies of valid certificates
4.	<p>The Bidder should not have been black-listed/ debarred by any Central/ State Government as on bid submission date (during last five years).</p>	§ Undertaking signed by CEO/ Country Head/ Authorized signatory of the company to be provided on Non – judicial stamp paper of INR 100/- or such equivalent amount and document duly attested by notary public
5.	<p>Special Power of Attorney in the name of bidder's representative signing the bid authorised by the Board (on Non – judicial stamp paper of INR 100/- or such equivalent amount and document duly notarized), who shall sign the</p>	§ Special Power of Attorney to sign the Contract Agreement

S. No.	Criteria	Documentary Evidence
	Contract Agreement.	

7 Evaluation of Technical Bids

1. Only those bidders who qualify all Eligibility Criteria requirements shall be qualified for technical bid evaluation
2. Technical presentation shall be a part of the process for evaluation of the bids
3. The OCAC reserves the right to reject a Product/ Solution/ Service if it is of an opinion that the offered product/ service does not match the technical requirements/ objectives specified in the RFP
4. The OCAC reserves the right to request bidder for Technical Demo for the proposed technology/ solution
5. The technical bid shall first be reviewed for determining the Compliance of the Technical bids with the RFP terms and conditions, Minimum/ Mandatory Technical requirements and the scope of work as defined in this RFP
6. Any bid found to be non-compliant to the mandatory Technical Requirements, RFP terms and conditions and the scope of work shall be rejected and shall not be considered for further evaluation. Bids that are technically compliant would only be taken up for commercial evaluation.
7. Bidders should submit the Technical Specification compliance sheet as a part of technical bid.
8. If the bidder is found to be non-compliant to any of the mandatory technical specifications, then the respective bid would be summarily rejected without assigning any score.
9. Bidder is required to submit all the supporting documents as per the criteria mentioned in the RFP. OCAC reserves right to summarily reject any bid which does not contain all the mandatory supporting document or may ask bidder to resubmit documents, the decision of OCAC shall be final and binding in this regards.
10. A score would be given to each bidder by OCAC based on the scoring criteria mentioned below.
11. Bids that are technically qualified would only be taken up for commercial evaluation.
12. Bidders are required to comply with the all the Technical Specifications as mentioned in the RFP, no deviation shall be accepted. Any deviation would be summarily rejected without assigning any score.
13. OCAC reserves the right to disqualify any bidder based on any criteria considered relevant and its decision is binding. Representations, if any from disqualified bidders shall not be entertained and shall be summarily rejected. OCAC shall not respond to any query raised by bidders seeking reasons for rejection of the bid.
14. Technical Bids shall then be evaluated for the following broad parameters:

S. No.	Criteria Category	Evaluation Criterion Details	Max. Marks Allotted	Supporting Documents Required
A Bidder's profile (max. -150 marks)				
A1	Average Annual Turnover	Average annual turnover (in Crore) for the last three financial years (FY 2014-15, 2015-16 and 2016-17). Marks shall be allotted as given below: - More than INR 500 Crores = 90 marks - More than INR 400 Crore – up to INR 500 Crores = 80 marks - More than INR 300 – up to 400 Crores = 70 marks	90	§ Certificate from the Statutory Auditor on turnover details from the over the last three (3) financial years (FY 2014-15, 2015-16 and 2016-17)
A2	Manpower	Full time employees on payroll of the Bidder, working in the business unit providing "IT/ ITeS" as on bid submission date. Marks shall be allotted as given below: - More than 500 full-time employees = 60 marks - Between 300 – 500 = 50 marks - Between 200 – 300 = 40 marks	60	§ Certificate from the Head of HR Department or equivalent on bidding entity's letter head countersigned by authorised signatory for this bid holding written special power of attorney on stamp paper
B Project Experience (max. -400 marks/ 10 Projects)				
Please Note: 40 marks shall be assigned against each project (maximum 4 projects to be shown against each category B1 to B3 as defined below) and same project shall not be considered in different categories.				
B1	IPv6 Migration Services (excluding IT Infrastructure and licenses)	The Bidder should have experience in India of executing "IPv6 Migration Services (excluding IT Infrastructure and licenses)" each project having minimum value of INR 5 Crore as on bid submission date, out of which one (1) project should have been completed for any	-	§ Work order clearly highlighting the Scope of Work, Bill of Material and value of the Order OR § Contract clearly highlighting the Scope of Work, Bill of Material and value of the Contract AND § Completion Certificate issued & signed by the

S. No.	Criteria Category	Evaluation Criterion Details	Max. Marks Allotted	Supporting Documents Required
		Government Institution during the last 5 years.		competent authority of the client entity on the entity's letterhead <i>Note:</i> <i>In case of a turnkey project, the Bidder is required to submit a certificate from Statutory Auditor specifying value of the respective business area</i>
B2.a	Design, Supply, Installation and Operations & Maintenance of one project of Enterprise Network (including wireless network, end points (IP phones, video conference equipment etc.) and excluding any application design and development)	The Bidder should have experience in India of executing Design, Supply, Installation and Operations & Maintenance of one project of Enterprise Network (including wireless network, end points (IP phones, video conference equipment etc.) and excluding any application design and development)" each project having minimum value of INR 70 Crore, out of which one (1) project should have been completed for any Government Institution during the last 5 years.	-	§ Work order clearly highlighting the Scope of Work, Bill of Material and value of the Order OR § Contract clearly highlighting the Scope of Work, Bill of Material and value of the Contract AND Completion Certificate issued & signed by the competent authority of the client entity on the entity's letterhead <i>Note:</i> <i>In case of a turnkey project, the Bidder is required to submit a certificate from Statutory Auditor specifying value of the respective business area</i>
		OR		
B2.b	Design, Supply, Installation and Operations & Maintenance of two projects (unit) of Enterprise Network (including wireless network, end points (IP	The Bidder should have experience in India of executing Design, Supply, Installation and Operations & Maintenance of two projects (unit) of Enterprise Network (including wireless network, end points (IP phones, video conference equipment etc.) and		

S. No.	Criteria Category	Evaluation Criterion Details	Max. Marks Allotted	Supporting Documents Required
	phones, video conference equipment etc.) and excluding any application design and development)	excluding any application design and development)" each project having minimum value of INR 40 Crore each, (these two projects (unit) shall be considered as a single project) out of which one (1) project should have been completed for any Government Institution during the last 5 years.		
B3	Design, Supply, Installation and Operations & Maintenance of IT Infrastructure for Data Centre (excluding any application design and development)	The Bidder should have experience in India of executing "Design, Supply, Installation and Operations & Maintenance of IT Infrastructure for Data Centre (excluding any application design and development)" each project having minimum value of INR 20 Crores, out of which one (1) project should have been completed for any Government Institution during the last 5 years.	-	<p>§ Work order clearly highlighting the Scope of Work, Bill of Material and value of the Order</p> <p>OR</p> <p>§ Contract clearly highlighting the scope of work, Bill of Material and value of the Contract</p> <p>AND</p> <p>§ Completion Certificate issued & signed by the competent authority of the client entity on the entity's letterhead</p> <p><i>Note:</i> In case of a turnkey project, the Bidder is required to submit a certificate from Statutory Auditor specifying value of the respective business area</p>
C Approach, Methodology and Solutions proposed (max. -50marks)				
C1	Robustness & quality	Adequacy, robustness, quality and scalability of proposed solution.	20	
C2	Understanding	Demonstrated level of understanding of the scope of work and all aspects of the project - Project implementation plan/ Risk Mitigation Plan/ Strategy/ SLA	20	

S. No.	Criteria Category	Evaluation Criterion Details	Max. Marks Allotted	Supporting Documents Required
		<ul style="list-style-type: none"> - Completeness of the proposed project plan with proper timelines, roles & responsibility matrix - Strategy to meet implementation timelines (Work plan and staffing schedule) - Change/ migration strategy - Operations & maintenance plan including comprehensiveness of fall back strategy 		
C3	Presentation	<p>Qualified bidders shall be called for presentation and presentation shall be delivered by the proposed Team (Assessment to be based on a note covering all requirements as mentioned above & Presentation made by the Bidder before the OCAC)</p>	10	

The Technical Evaluation would be done for only those bidders, who comply with the Eligibility Criteria mentioned in Section 6 – Evaluation of Eligibility Criteria. The Evaluation Committee may invite only such qualified bidders to make a presentation as part of the technical evaluation.

Least Cost/ Lowest Cost (L1)

Only those bids which have a minimum technical score of 75% of total marks shall be considered qualified. However, OCAC reserves the right to lower the minimum required marks if none of the bidders achieves 75% of the total technical marks. The bid complied as per criteria mentioned above shall be evaluated as per the framework detailed below:

S. No.	Evaluation Criteria	Total Marks
1.	Bidder's profile	150
2.	Project Experience	400
3.	Approach, Methodology and Solutions proposed	50
4.	Total Marks	600
5.	Minimum qualifying Marks	450

Technical Bid Evaluation

The technical marks of a bidder shall be assigned to the bidder and it shall be awarded based on the Technical Evaluation Criteria as specified above. OCAC's decision in this regard shall be final & binding and no further discussion shall be held with the bidders.

Note: OCAC reserves the right to share the technical score of the qualified bidder with respective bidder only. After sharing of the technical score, the bidder shall be required to maintain strict confidentiality and the integrity of the technical scores shared with them by OCAC.

Commercial Bid evaluation

1. All the technically qualified bidders shall be notified to participate in Commercial Bid opening process
2. Bidders quoting unrealistic cost of items shall be rejected straightaway by OCAC and EMD of such bidder shall be forfeited. Any bid found to have unsatisfactory response in the eligibility criteria as mentioned shall be rejected and shall not be considered for further evaluation.
3. The commercial Bids for the technically qualified bidders shall then be opened on the notified date and time and reviewed to determine whether the Commercial Bids are substantially responsive. Bids that are not substantially responsive are liable to be disqualified at purchaser's discretion
4. Commercial Bids that are not as per the provided format in Annexure III - Forms (Form A.16) shall be liable for rejection
5. The bidder that has quoted the lowest Total Cost (CAPEX + OPEX) shall be awarded the Contract. For the purpose of arriving at L1, prices inclusive of any applicable taxes and levies etc. shall be considered
6. The bid price shall include all taxes and levies and shall be in Indian rupee and mentioned separately

8 Scope of Work

8.1 Introduction

The Odisha Computer Application Centre (OCAC) intends to engage System Integrator for upgrade IT Infrastructure of Odisha State Data Centre (OSDC), Odisha State Wide Network (OSWAN) and Odisha Secretariat Network (SecLAN) to support Dual stack (IPv4 and IPv6). Broad scope to accomplish the task above is Design, Procurement, Configuration, Implementation, Testing, Commissioning and Operation & Maintenance of IPv6 Solution.

8.2 Overview of Scope of Work for System Integration

The following outlines the broad areas of scope of work for System Integrator and the later sections highlight the detailed scope of work in each of the following areas:

- Project Implementation Plan
- Solution Design Document
- Delivery of IT Infrastructure
- Installation & Commissioning of IT Infrastructure
- Knowledge Transfer and Handover
- Operations and Maintenance

8.3 Detailed Scope of Work for System Integrator

The following sections details out the scope of work to be performed by System Integrator. The System Integrator shall be responsible for all the services, functions/ requirements listed in the following paragraph and as defined in the RFP.

a. Project Implementation Plan:

- i. The System Integrator shall submit a detailed Project Implementation plan for the IPv6 Solution
- ii. Project Implementation plan shall include but not limited to resources requirement and allocation, implementation steps and schedule
- iii. The System Integrator shall take approval on the project plan from OCAC to proceed further

b. Solution Design Document:

- i. The System Integrator shall take all inputs from technology and business team and capture technical and business requirements, IPv6 business goals, IPv6 effects on the business and network
- ii. The System Integrator shall prepare a detailed IPv6 Transition Solution on basis of all technical & business requirements and understanding about current state of IT Infrastructure
- iii. The Solution Design Document shall include but not limited to network architecture, IP addressing scheme, switching and routing tables, security planning & features, software protocols and configuration of all the devices etc.
- iv. The System Integrator shall Identify all applications and services needs to be migrated
- v. The System Integrator shall take approval on the Solution Design Document from OCAC to proceed further

c. Delivery of IT Infrastructure:

- i. The System Integrator shall procure and deliver IT Infrastructure
- ii. The System Integrator shall ensure that all the Equipments procured is brand new and is free of any defect of any sort. Also, all the Hardware should be from reputed OEMs and should come with the appropriate OEM certification, stating that the latest generation of the

equipments (no IT equipment model should have been introduced in the market not later than 2 years back as on date of submission of bid) is being provided for the IPv6 Implementation at the time of deployment. The specifications should fully comply with the minimum specifications mentioned in the RFP.

- iii. No Products/ equipments under the RFP should be end of life for the project term
 - iv. The System Integrator shall warrant that the IT Infrastructure procured for Project shall have no defects arising from design or workmanship or any act or omission. The warranty shall remain valid for period of 7 years from the effective date of operationalization of solution.
 - v. The System Integrator warrants that the goods supplied under the RFP are new, non-refurbished, unused and recently manufactured; shall not be nearing End of sale/ End of support; and shall be supported by the System Integrator and respective OEM along with service and spares support to ensure its efficient and effective operations for the Project Term.
 - vi. The System Integrator shall provide the warranty for IT Infrastructure (Software & hardware) supplied for Project for a period of 7 years on all the items supplied as per the Contract. The System Integrator shall replace any parts/ components of the IT Infrastructure supplied for project if the components are defective and during the entire warranty period System Integrator shall apply all the latest upgrades/ patches/ releases for the software after appropriate testing.
 - vii. The OCAC may perform the post-delivery inspection of equipments
- d. Installation & Commissioning of IT Infrastructure
- i. The System Integrator shall implement IT Infrastructure as per the final approved Implementation Plan and Solution Design Document
 - ii. The System Integrator shall carry out the required hardware and software upgrade
 - iii. The System Integrator shall document all the activities carried out in standardized formats
 - iv. The System Integrator shall submit and take approval on detailed installation report
 - v. The System Integrator shall analyse existing testing plans and test plan documentation
 - vi. The System Integrator shall propose changes to the test plan
 - vii. The System Integrator shall develop the Test Plan, test cases or scenarios, test data and expected results to test the Solution
 - viii. The System Integrator shall provide all the testing tools required such as traffic generators, simulators, scripting and data collection etc. along with lab design support and management
 - ix. The System Integrator shall submit a detailed Network Ready For Use (NRFU) report
 - x. The System Integrator shall carry out all the required tests and submit the test results to OCAC
 - xi. The System Integrator shall undertake preparation of documents including Infrastructure solution design & architecture, configuration files, Standard Operating Procedures and Information Security Management procedures as per acceptable standards. The System Integrator shall take sign-off on above documents from OCAC and shall make necessary changes as recommended by OCAC before submitting the final version of the documents.
- e. Knowledge Transfer and Handover
- i. Educate appropriate staff and personnel on network architecture design and configuration
 - ii. Prepare a detailed handover document containing designs, configuration and manuals of IT Infrastructure

f. Operations and Maintenance

- i. Overall Monitoring & Management of the Solution shall be the responsibility of System Integrator
- ii. Ensuring compliance to the uptime and performance requirements of the Solution
- iii. 24x7 Monitoring & Management of availability & IT security of the IT Infrastructure shall be the responsibility of System Integrator
- iv. Ensuring uptime, performance and other key performance requirements of the Solution including configuration backup & business continuity
- v. Perform patch management, testing and installation of software upgrades issued by the OEM/ vendors from time to time. These patches/ upgrades, before being applied on the live infrastructure, shall be adequately tested. Any downtime caused due to upgradation & patches shall be to the account of the System Integrator and it shall not be considered as 'Agreed Service Downtime'.
- vi. Develop the Standard Operating Procedures (SOPs), in accordance with the ISO 27001& ITIL standards, for Project Infrastructure management. These SOPs shall cover all the aspects including Infrastructure installation, monitoring, management, configuration backup & restoration, security policy, operational procedures etc. The System Integrator shall obtain sign-offs on the SOPs from the OCAC and shall make necessary changes, on a half yearly basis, to the fullest satisfaction of OCAC.
- vii. Preventive maintenance, carrying out the necessary repairs and replacement of parts wherever needed to keep the performance levels of the hardware and equipment in tune with the requirements of the SLA. Such preventive maintenance shall not be attended during working hours of the OCAC, unless inevitable and approved by the OCAC.
- viii. Reactive maintenance that is intended to troubleshoot the system with sufficient teams
- ix. Performance tuning of system as may be needed to comply with SLA on continuous basis
- x. Escalation and co-ordination with other vendors/ OEMS for problem resolution wherever required
- xi. Ensure that daily back-up copies of the configuration are created and maintained safely
- xii. Produce and maintain system audit logs on the system for a period agreed to with the OCAC. On expiry of the said period the audit logs should be archived and stored off-site.
- xiii. Regularly review the audit logs for relevant security lapses
- xiv. Review security advisories (such as bulletins generally available in the industry) on a regular basis to determine vulnerabilities relevant to the information assets and take necessary preventive steps
- xv. Generating various reports related to performance utilization, device availability, link availability, Bandwidth utilization

9 Implementation Plan, Payment Schedule and Deliverables

S. No.	Activity / Task (a)	Timelines (in Months) (b)	Deliverables/ Milestones (c)	Payment Milestone * (d)
1.	Project Award and Contract Signing between OCAC and successful Bidder	Project Start Date = T0	-	-
2.	Performance Bank Guarantee (PBG)	-	<ul style="list-style-type: none"> Performance Bank Guarantee (PBG) 	-
3.	Team deployment and project planning	T0+ 0.5	<ul style="list-style-type: none"> Final Project Plan Manpower details and CV of all the resources 	-
4.	Solution Design Document	T0+1	<ul style="list-style-type: none"> Final Solution Design Document 	-
5.	Delivery of IT Infrastructure	T0+ 2	<ul style="list-style-type: none"> Delivery Challan with data & stamp on delivery proof Copy/ Original excise duty gate-pass Inspection report from an authentic third party Warranty certificate issued by respective OEMs for each hardware back to back in the name of "OCAC" License in case of system software Manufacturer Authorization Form 	35% of the CAPEX
6.	Installation and Commissioning of IT Infrastructure	T0+4	<ul style="list-style-type: none"> Device-wise configuration report stating IP schema Installation, Testing and Commissioning 	20% of the CAPEX

S. No.	Activity / Task (a)	Timelines (in Months) (b)	Deliverables/ Milestones (c)	Payment Milestone * (d)
			Report <ul style="list-style-type: none"> Complete set of Technical, Operations & Maintenance Manual Insurance certificate from the Insurance Company 	
7.	Knowledge Transfer and Handover	T0+4.5	<ul style="list-style-type: none"> Educate appropriate staff and personnel on network architecture design and configuration Prepare a detailed handover document containing designs, configuration and manuals of IT Infrastructure 	15% of the CAPEX
8.	Operations and Maintenance	84 months after effective date of operationalization of IT Infrastructure	<ul style="list-style-type: none"> The successful bidder shall appoint a project manager as a single point of contact The successful bidder shall prepare a detailed project plan with clear milestone and schedule The successful bidder project manager shall conduct a weekly review with client management team to highlight risk, dependencies, project progress etc. The successful bidder project manager shall also share the report on email on weekly basis 	CAPEX amortized over 7 years: 30% (28 quarterly payments of 1.07% after in equated installments after deductions of SLA penalties) and OPEX amortized for 7 years payable quarterly at the end of each quarter in equated installments after deductions of SLA penalties

* *Note: For Payment Schedule-Refer Column (d) in the Table above*

- Additionally, all payments to be made by OCAC to the System Integrator shall be inclusive of all statutory levies, duties, taxes and other charges whenever levied/ applicable (including GST as applicable). Any increase in rates of all applicable direct or indirect taxes (Central or State or local), rates, duties, charges and levies (Central or State or local), excluding GST shall be to the account of Bidder. Any increase or decrease in the applicable tax shall be to the account of OCAC, for the services provided in this Contract.
- Any miscalculation of taxes by the Bidder shall be borne by the respective Bidder only, Purchaser shall not be liable for any miscalculation of taxes quoted by the Bidder in their Bid
- The Bidder shall also bear all personal/ income taxes levied or imposed on its personnel on account of payment received under this Contract. Bidder shall further bear all income/ corporate taxes, levied or imposed on account of payments received by it from OCAC for the work done under this Contract.
- CAPEX & OPEX ratio shall be reasonable and realistic, a bid shall not be considered for Final Evaluation if the total CAPEX value happens to be more than 50% of the overall bid value

10 Annexure I: Indicative Bill of Material

This annexure provides the indicative bill of material. However, the System Integrator must perform their own assessment in order to meet SLA requirements and successful operations of the solution.

10.1 IT Infrastructure

S. No.	Description	OSDC (Qty.)	SecLAN (Qty.)	OSWAN (Qty.)
1.	Router	0	0	262
2.	Switch	0	130	268
3.	Wireless Controller	0	2	0
4.	Wireless Access Point	0	153	0
5.	Network Load Balancer	2	0	0
6.	App Load balancer	2	0	0
7.	SAN Switches	4	0	0
8.	VC (Video Conferencing) End Point devices	0	0	30
9.	IP Phone	0	0	30

11 Annexure II: Minimum Technical Specifications

11.1 Router

Sr. No	Specifications	Compliance	Reasons for Deviations (if any)
1.	Should be minimum 3 x fibre port, 1 G copper port, 8 serial ports, 1 empty slot for future purpose, 1 console port, 4Gb RAM, 1 Gb flash		
2.	Should have N+1/ 1+1 redundant power supplies		
3.	Should support 10/ 100/ 1000 Mbps, 10-Gig, STM-1/4 interfaces; with minimum two SFP/ SFP+ ports		
4.	Router should support IPv4/ IPv6/ MPLS, Multicast protocols		
5.	IP/ MPLS Features: <ul style="list-style-type: none"> Route redistribution and route filtering MPLS features- LDP, L2VPN, Traffic engineering with RSVP-TE Fast reroute Link Node and path protection Policy Based Routing (PBR) Support MPLS (LDP,L2VPN) and traffic engineering with RSVP-TE Fast Reroute Link Node, MAC- based VPN's/ L2VPN or equivalent 6PE and 6VPE 		
6.	Certifications <ul style="list-style-type: none"> The router should have minimum EAL 3/ NDPP certification Router should be NEBS certified Safety certifications UL 60950-1 EMC certifications FCC Class A 		

11.2 Switch

S. No.	Specifications	Compliance	Reasons for Deviations (if any)
1.	Should be configured with minimum 24 X 1/ 10 G ports, 2 x1G SFP ports, all ports should be POE enabled		
2.	Switch should support IPv4/ IPv6 protocols		
3.	Security: <ul style="list-style-type: none"> MAC Address filtering based on source and destination address Support for various ACLs like port based, VLAN based and L2- L4 ACL's 		
4.	Network Protocols: <ul style="list-style-type: none"> Routing protocols like Static, RIP/ OSPF, RIPnG/ OSPFv3 		
5.	Quality of Service: <ul style="list-style-type: none"> Minimum 2 number of hardware queues per port DSCP, 802.1p should be supported 		

S. No.	Specifications	Compliance	Reasons for Deviations (if any)
6.	Multicast: <ul style="list-style-type: none"> IGMP v1,v2,v3, IGMP snooping, PIM SM/ DM / MLD 		
7.	Management: <ul style="list-style-type: none"> SNMP v1, v2, v3, RMON/ RMON-II enabled, SSH, Telnet, GUI/ Web management and Management port Switch should support port mirroring feature for monitoring network traffic of a particular port/ VLAN Built-in real-time performance monitoring capabilities Power Supply: Switch should have internal Hot Swappable redundant Power supply Cooling Fans: Should have redundant cooling fans Switch should support Link Aggregation 		

11.3 Wireless Controller

S. No.	Specifications	Compliance	Reasons for Deviations (if any)
1.	Performance <ul style="list-style-type: none"> Should support minimum 256 APs Should support minimum 3000 users Should support minimum 256 VLAN Fast Ethernet ports (10/ 100) Up to 24 or above Gigabit Ethernet ports (GBIC) Up to 6 		
2.	Should support IPv4/ IPv6 protocols		
3.	Security <ul style="list-style-type: none"> 802.11i security (WFA certified WPA2 and WPA) 802.1X user and machine authentication EAP-PEAP, EAP-TLS, EAP-TTLS support Secure AP control and management over IPSEC Simultaneous centralized and distributed WLAN support 		
4.	Authentication <ul style="list-style-type: none"> Wired and wireless user authentication 802.1X and MAC address authentication Username, IP address, MAC address and encryption key MAC address and SSID based authentication RADIUS and LDAP based AAA server support Role-based authorization, ACLs Configurable acceptable use policies for guest access 		

11.4 Wireless Access Point

S. No.	Specifications	Compliance	Reasons for Deviations (if any)
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S. No.	Specifications	Compliance	Reasons for Deviations (if any)
1.	Should supports the latest 802.11ac technology		
2.	Should support Clustering		
3.	Should support IPv4/ IPv6 protocols		
4.	Should provide Web administrative interface, easy to set up and easy to use		
5.	Access Point should protect and secure wireless network with security features such as Wi-Fi Protected Access (WPA/ WPA2), MAC-based ACL, SSID-to-VLAN Mapping		
6.	Should be PoE enabled		
7.	Should have Gigabit Ethernet		
8.	Should have Hardware Reset option		
9.	Should support multiple SSIDs		
10.	Should support VLAN		
11.	Should provide Centralized Management via Clustering		
12.	Should provide WEP, WPA, WPA2, 802.1X with RADIUS Authentication		
13.	Management Interface: Web (http/ https), SNMP		
14.	Event Notification: Local Log, Remote Syslog, and Email Alerts		
15.	Network Diagnostics: Log, Ping, Packet Capture		

11.5 Network Load Balancer

S. No.	Specifications	Compliance	Reasons for Deviations (if any)
1.	Should have minimum 8 X 10 Gigabit Ethernet/ FCOE		
2.	Should have Firewall protection		
3.	Should support IPv4/ IPv6 protocols		
4.	Should support Internet Content Adaptation Protocol (ICAP)		
5.	Should support Link Aggregation Control Protocol (LACP)		
6.	Should support Spanning Tree Protocol (STP), Multiple Spanning Tree Protocol (MSTP), and Rapid Spanning Tree Protocol (RSTP)		
7.	Should support SSL acceleration		
8.	Should support VLAN		
9.	Should support Network monitoring		
10.	SSL throughput :20 Gbps L4 throughput: 30 Gbps		
11.	SSL transaction:40 K transactions per second		

S. No.	Specifications	Compliance	Reasons for Deviations (if any)
12.	Should have DDos attack prevention		

11.6 Application Load Balancer

S. No.	Specifications	Compliance	Reasons for Deviations (if any)
1.	Should be appliance based solution with high performance purpose built hardware with 8 GB RAM, 4X10/ 100/ 1000 copper/ SFP and 4X10G SFP/ SFP+ interfaces		
2.	Should have minimum 1M concurrent connections & scalable to 2M on same device and system throughput of 15Gbps		
3.	Able to synchronize configurations at run time and boot time, connection-states and persistence to provide stateful-failover of applications		
4.	Should support IPv4 & IPv6 applications		
5.	Able to be deployed in both Active-Standby and Active-Active setups with N+1 clustering support		
6.	Able to detect system failure or shutdown/ reboot, and perform failover to ensure high availability		
7.	Able to perform failover based on hardware failure, system failure, SSL accelerator failure, switch board failure, network failure and gateway failure. Should support built in failover decision/ health check conditions including, CPU overheated, system memory, process health check, unit failover, group failover and reboot.		
8.	Able to be deployed in a single arm (single subnet) network topology environment		
9.	Supports XML-RPC messages from third party applications or devices to modify configuration of the load balancer		
10.	Able to support links aggregation (802.3ad) and LACP (Link Aggregation Control Protocol)		
11.	Able to load balance ANY IP based application		
12.	Able to support both TCP and stateless UDP (User Datagram Protocol) applications		
13.	Able to support load-balancing algorithms such as round-robin, ratio, persistent ip, hash ip, hash cookie, shortest response; Extensible policies (epolicies) scripts support to implement business logic on network without changes in application code		
14.	Able to support content based application monitoring, such as HTTP/ HTTPS, FTP (passive/ active), POP3, IMAP, SIP, SMTP, telnet, RADIUS, LDAP (with TLS or over SSL)		
15.	IPv6 and SSL accelerator should be high performance dedicated appliance based solution (not integrated on load balancer). The proposed solution must integrate with application load		

S. No.	Specifications	Compliance	Reasons for Deviations (if any)
	balancing appliances for IPv6 migration and SSL acceleration of business applications.		
16.	Able to support mixed combinations of IPv6 and IPv4 virtual addresses and nodes		
17.	Able to provide integrated SSL termination/acceleration, and SSL re-encryption to the servers. Should provide Secure online application delivery using hardware-based high performance SSL acceleration with minimum of 3Gbps SSL throughput and 5,000 2048 bit SSL TPS (transaction per second).		
18.	Able to aggregate multiple connections to a single server side connection		
19.	Able to support integrated rate shaping to allocate bandwidth and priority to specific applications		
20.	Able to support DoS mitigation through connection proxy. Should support advance ACL's to protect against network based flooding attacks. Administrator should able to define ACL's rules based on connections per second (CPS) and concurrent connections (CC), cookie value.		
21.	Able to support packet filtering based on layer 3 to layer 7 information		
22.	The centralized management appliance should have extensive report and logging with inbuilt TCP dump like tool and log collecting functionality. Should support role based access control with different privilege levels for configuration management and monitoring of individual appliance or multiple appliances.		

11.7 SAN Switch

S. No.	Specifications	Compliance	Reasons for Deviations (if any)
1.	SAN switch should be provided with minimum 24 ports populated and active with non-blocking architecture with minimum 16 Gbps full duplex per port Two nos. of Fiber channel switch should be provided in each Storage solution instance to provide high availability.		
2.	The SAN switch proposed should not use more than 60% of the port available after populating all the servers		
3.	The supplied switch shall have redundant & hot swappable power supply		
4.	There should not be any single point of failure in the switch fabric. The SAN switch should provide Enterprise-class availability features.		
5.	Switch should support Virtual Fabrics feature that enables partitioning of a physical SAN into logical		

S. No.	Specifications	Compliance	Reasons for Deviations (if any)
	fabrics and isolation by application, business group, customer, or traffic type		
6.	The switch should be rack mountable		
7.	Switch should support IPv4/ IPv6 protocols		
8.	The switch should provide Networking services such as Quality of Service (QoS) to help optimize application performance in consolidated, virtual environments. It should be possible to define high, medium and low priority QOS zones to expedite high-priority traffic.		
9.	Should provide the necessary interface cables for all the ports		
10.	The switch should have Support for POST & online diagnostics		
11.	The switch should be capable to interface with host based adapters (HBA) of multiple OEM, supporting multiple Operating Systems		

11.8 VC (Video Conferencing) End Point device

S. No.	Specifications	Compliance	Reasons for Deviations (if any)
1.	The proposed device must support PAL with a PTZ camera. The codec must be based on ITU standards. The device should be a codec based hardware and should be supplied with state of the art touch panel. No software based solution is accepted here. All components of the VC system like Codec, Camera, touch panel and Microphone should be from the same OEM.		
2.	Package <ul style="list-style-type: none"> Full HD 1080p camera, codec, Microphone Array, cables, and remote control 		
3.	Video Standards and Resolution <ul style="list-style-type: none"> It should support H.323, SIP standards for communications It should support, H.263, H.264 AVC/ SVC/ High Profile, H.265 or above It should support 1080p 60fps, 1080p 30 fps, 720p 60 fps and 720p 30fps, 480p30/ 4CIF or above 		
4.	Content Standards and Resolution <ul style="list-style-type: none"> It should support content sharing using standard based H.239 and BFCP over SIP It should transmit both people and content simultaneously to the far end location at 1080p @30 fps and/ or 1080p60 FPS 		
5.	Audio Standards and Features <ul style="list-style-type: none"> It should support G.711, G.722, G.722.1, AAC LC / AAC-LD or better 		

S. No.	Specifications	Compliance	Reasons for Deviations (if any)
	<ul style="list-style-type: none"> It should support 20kHz bandwidth with crystal clear audio Automatic Gain Control and Automatic Noise Suppression Instant adaptation of echo cancellation 		
6.	<p>Video and Audio Inputs</p> <ul style="list-style-type: none"> Full HD 1080p speaker tracking cameras with ideal speaker framing 1 x HDMI/ DVI input for connecting PC/ Laptop to share HD content 1 x Microphone Input (Support for minimum 2 mics) 		
7.	<p>Video and Audio Outputs</p> <ul style="list-style-type: none"> 1 x HDMI output for connecting main monitor 1 x HDMI output for connecting second monitor on day one 		
8.	<p>Other Interfaces</p> <ul style="list-style-type: none"> 1 x 10/ 100/ 1000 LAN port 		
9.	<p>Camera</p> <ul style="list-style-type: none"> It should support 1080p60fps to capture a room of minimum 15-20 feet in length during the Video call 		
10.	<p>Network Features</p> <ul style="list-style-type: none"> H.323 and SIP bandwidth up to 6 Mbps point to point call IPv4 and IPv6 support from day one Auto Gatekeeper Discovery IP Precedence H.323 based Packet Lost Recovery Should support IPv4/ IPv6 protocols 		
11.	<p>Security</p> <ul style="list-style-type: none"> Media Encryption (H.323, SIP): AES-128 Authenticated access to admin menus, web interface and telnet API Endpoint password policy configuration should be offered Auto sensing power supply 230V @ 50Hz 		

11.9 IP Phone

S. No.	Specifications	Compliance	Reasons for Deviations (if any)
1.	Should have 3.5" or higher diagonal Display		
2.	Should have full duplex speaker phone		

S. No.	Specifications	Compliance	Reasons for Deviations (if any)
3.	Should support IPv4/ IPv6 protocols		
4.	It should support G.711, G.722, G.729a audio compression codecs		
5.	Should provide the directory services to the user by displaying the missed, received and dialed call details including the caller ID and calling time		
6.	Should have 3 or more programmable line/ soft keys		
7.	Should support IEEE 802.3af POE Class 1, and external AC power adapter option		
8.	The phone should have two 10/ 100 BASE-T Ethernet ports or two 10/ 100/ 1000 BASE-T Ethernet ports, one for the LAN connection and the other for connecting to PC/ laptop		
9.	The phone should support QoS mechanism through 802.1p/ q.		

Note: Odisha SWAN has existing Cisco Call Manager running version 9.x. The same shall be upgraded to the latest software version and the new IP Phones asked in the RFP should seamlessly register with the existing Cisco Call Manager platform for IP Telephony

12 Annexure III: Forms

12.1 Form A.1: Participation in Pre-Bid conference (Company Letter head)

To,

The General Manager (Admin)
Odisha Computer Application Centre
Plotno.-N-1/7-D, Acharya Vihar Square
P.O.-RRL, Bhubaneswar-751013
Odisha

Sub: Request for permission to attend the Pre-bid conference for Selection of System Integrator for IPv6 Implementation for OCAC

Dear Sir,

The following persons from our organization shall attend the pre-bid conference with reference to the RFP circulated by your organization, for "Selection of System Integrator for IPv6 Implementation for OCAC".

We request you to permit these people to attend the pre-bid conference at OCAC, as representatives of our organization.

S. No.	Name of the Representative	Designation	Name of the Organization

Note: maximum 2 representatives per organization.

Yours sincerely,

Authorized Signature [In full and initials]: _____

Name and Title of Signatory: _____

Name of Firm: _____

Address: _____

Location: _____ Date: _____

12.2 Form A.2: Request for Clarifications/ pre-bid queries

Bidders requiring specific points of clarification may communicate with OCAC during the specified period using the following format:

Bidder's Request for clarification/ pre-bid queries			
Name of Organization submitting request		Name & position of person submitting request	Full address of the Organization including phone, fax and email points of contact
			Tel: 0674-2567064/ 2567280
			Fax: 91-0674-2567842
			Email:
S. No.	Bidding Document Reference(s) (Section number/ page)	Content of RFP requiring Clarification	Points of clarification Required

Note: The name of the organization and the date shall appear in each page of such as document/ email in the header or footer portion.

Yours sincerely,

Authorized Signature [In full and initials]: _____

Name and Title of Signatory: _____

Name of Firm: _____

Address: _____

Location: _____ Date: _____

12.3 Form A.3: Eligibility Criteria Cover Letter (Company Letter head)

To,

The General Manager (Admin)
Odisha Computer Application Centre
Plotno.-N-1/7-D, Acharya Vihar Square
P.O.-RRL, Bhubaneswar-751013
Odisha

Sub: Submission of the response to the RFP No <> dated <> for Selection of System Integrator for IPv6 Implementation for OCAC

Dear Sir,

We, the undersigned, offer to provide IPv6 Implementation for OCAC in response to the Request for Proposal dated <insert date> and Tender No <insert tender number> for "Selection of System Integrator for IPv6 Implementation". We are hereby submitting our Proposal, which includes this Eligibility Criteria, Technical Bid and the Commercial Bid sealed in separate envelopes.

We hereby declare that all the information and statements made in this Eligibility Criteria 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. We would hold the terms of our bid valid for 180 days as stipulated in the RFP.

We hereby declare that as per RFP requirement, we have not been black-listed/ debarred by any Central/ State Government during last five (5) years and we are not the subject of legal proceedings for any of the foregoing.

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: _____

12.4 Form A.4: Eligibility Criteria Compliance Checklist

S. No.	Criteria	Documentary Evidence	Compliance (Yes/No)	Proposal Reference (Page No.)
1.	<p>The Bidder should be registered under Companies Act, 1956 or as amended or a LLP firm under the Limited Liability Partnership Act, 2008.</p> <p>The Bidder should have an average annual turnover of INR 300 crores and positive net-worth for the last three financial years (FY 2014-15, 2015-16 and 2016-17) with at least 5 years of operations in India as on bid submission date.</p>			
2.	<p>The Bidder should have experience in India of executing at least two projects (out of which 1 project should have been completed for any Government Institution) per business area in any two (2) of following "Specific Business Areas" during the last 5 years as on bid submission date:</p> <ol style="list-style-type: none"> 1. IPv6 Migration Services (excluding IT Infrastructure and licenses) with minimum value of 5 Crore 2. <ol style="list-style-type: none"> a. Design, Supply, Installation and Operations & Maintenance of one project of Enterprise Network (including wireless network, end points (IP phones, video conference equipment etc.) and excluding any application design and development) with minimum value of INR 70 Crore <li style="text-align: center;">OR b. Design, Supply, Installation and Operations & Maintenance of two projects (unit) of Enterprise Network (including wireless network, end points (IP phones, video conference equipment etc.) and excluding 			

S. No.	Criteria	Documentary Evidence	Compliance (Yes/No)	Proposal Reference (Page No.)
	<p>any application design and development) with minimum value of INR 40 Crore each (these two projects (unit) shall be considered as a single project for all evaluation purposes of this RFP</p> <p>For example: In case the Bidder is quoting the option 2.b. above, then the bidder shall be required to submit the documentary evidences as desired of both the projects.</p> <p>3. Design, Supply, Installation and Operation & Maintenance of IT Infrastructure for Data Centre (Excluding any application design and development) with minimum value of 20 Crore</p>			
3.	<p>The Bidder should possess any two (2) of the below certifications which are valid as on bid submission date:</p> <ul style="list-style-type: none"> - ISO 9001:2008/ ISO 9001:2015 for Quality Management System - ISO 20000:2011 for IT Service Management - ISO 27001:2013 for Information Security Management System 			
4.	<p>The Bidder should not have been black-listed/ debarred by any Central/ State Government as on bid submission date (during last five years).</p>			
5.	<p>Special Power of Attorney in the name of bidder's representative signing the bid authorised by the Board (on Non – judicial stamp paper of INR 100/- or such equivalent amount and document duly notarized), who shall sign the Contract Agreement</p>			
6.	<p>EMD and Tender Cost (<i>Copy of the EMD and Tender Cost to</i></p>			

S. No.	Criteria	Documentary Evidence	Compliance (Yes/No)	Proposal Reference (Page No.)
	<i>be enclosed)</i>			

12.5 Form A.5: Turnover and Net Worth Certificate

S. No.	Financial Year	Annual Turnover (INR Crores)	Average Annual Turnover (INR Crores)
1.	Financial Year 2014-15		
2.	Financial Year 2015-16		
3.	Financial Year 2016-17		

Note: The audited Financial Statements for the corresponding year has to be enclosed.

S. No.	Financial Year	Net Worth (INR Crores)
1.	Financial Year 2014-15	
2.	Financial Year 2015-16	
3.	Financial Year 2016-17	

Note: The audited Financial Statements for the corresponding year has to be enclosed.

Name of the auditor issuing the certificate

Name of the auditor's Firm:

Seal of auditor's Firm:

Date:

(Signature, name and designation of the authorized signatory for the Auditor's Firm)

12.6 Form A.6: Conflict of Interest (Company Letter head)

To,

The General Manager (Admin)
Odisha Computer Application Centre
Plotno.-N-1/7-D, Acharya Vihar Square
P.O.-RRL, Bhubaneswar-751013
Odisha

Sub: Undertaking on Conflict of Interest regarding for Selection of System Integrator for IPv6 Implementation by OCAC

Dear Sir,

I/We do hereby undertake that there is absence of, actual or potential conflict of interest on the part of the bidder or any prospective subcontractor due to prior, current, or proposed contracts, engagements, or affiliations with OCAC.

I/We also confirm that there are no potential elements (time-frame for service delivery, resource, financial or other) that would adversely impact our ability to complete the requirements as given in the RFP.

We undertake and agree to indemnify and hold OCAC harmless against all claims, losses, damages, costs, expenses, proceeding fees of legal advisors (on a reimbursement basis) and fees of other professionals incurred (in the case of legal fees and fees of professionals, reasonably) by OCAC and/or its representatives, if any such conflict arises later.

Yours sincerely,

Authorized Signature [In full and initials]: _____

Name and Title of Signatory: _____

Name of Firm: _____

Address: _____

Location: _____ Date: _____

12.7 Form A.7: Format for Power of Attorney executed in favour of the Authorized Signatory

It is clarified that the Bidder may submit the Power of Attorney in their own format clearly stating that the person is authorized to sign on behalf of the bidder. It is also clarified that the "Letter of Authorization" is to be read as "Power of Attorney".

[To be executed on stamp paper of appropriate value]

Know all men by these presents, We, *[Insert full legal name of the bidding entity]*, having registered office at *[Insert registered office address]* (hereinafter referred to as the "Principal") do hereby constitute, nominate, appoint and authorize *[Insert full name of authorized signatory]* son of *[Insert father's name]* presently residing at *[Insert address of authorized signatory]* who is presently employed with us and holding the position of *[Insert position / designation of the authorized signatory]* as our true and lawful attorney (hereinafter referred to as the "Authorized Attorney") to do in our name and on our behalf, all such acts, deeds and things as are necessary or required in connection with or incidental to the submission of our proposal in response to the RFP bearing number _____ for '<RFP Name>' dated _____, including but not limited to signing and submission of all applications, proposals and other documents and writings, participating in pre-Bid and other conferences and providing information/ responses to the Odisha Computer Application centre (hereinafter referred to as the "OCAC"), representing us in all matters before the OCAC, signing and execution of all contracts and undertakings/ declarations consequent to acceptance of our Proposal and generally dealing with the OCAC in all matters in connection with or relating to or arising out of our Proposal for the said assignment and/ or upon award thereof to us till the execution of appropriate Agreement/s with the OCAC.

AND, we do hereby agree to ratify and confirm all acts, deeds and things lawfully done or caused to be done by our said Authorized Attorney pursuant to and in exercise of the powers conferred by this deed of Power of Attorney and that all acts, deeds and things done by our said Authorized Attorney in exercise of the powers hereby conferred shall always be deemed to have been done by us.

IN WITNESS THEREOF WE, _____ THE ABOVE NAMED PRINCIPAL
HAVE EXECUTED THIS POWER OF ATTORNEY ON THIS DAY OF _____, 2018

For _____

(Signature, name, designation and address)

[Please put company seal if required]

[Notarize the signatures]

Witness 1:

Name:

Designation:

Address:

Signature:

Witness 2:

Name:

Designation:

Address:

Signature:

12.8 Form A.8: Technical Bid Cover Letter (Company Letter head)

To,

The General Manager (Admin)
Odisha Computer Application Centre
Plotno.-N-1/7-D, Acharya Vihar Square
P.O.-RRL, Bhubaneswar-751013
Odisha

Sub: Submission of the response to the RFP No <> dated <> for Selection of System Integrator for IPv6 Implementation by OCAC

Dear Sir,

We, the undersigned, offer to provide IPv6 Implementation services for OCAC in response to the Request for Proposal dated <insert date> and Tender No <insert tender number> for "Selection of System Integrator for IPv6 Implementation". We are hereby submitting our Proposal, which includes this Eligibility Criteria, Technical Bid and the Commercial Bid sealed in separate envelopes.

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

We hereby declare that as per RFP requirement, we have not been black-listed/ debarred by any Central/ State Government during last five (5) years and we are not the subject of legal proceedings for any of the foregoing.

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: _____

12.9 Form A.9: Technical Bid Compliance Checklist

S. No.	Criteria	Documentary Evidence	Compliance (Yes/No)	Proposal Reference (Page No.)
A	Bidder's profile			
A1	Average Annual Turnover			
A2	Manpower			
B	Project Experience			
B1	IPv6 Migration Services (excluding IT Infrastructure and licenses) with minimum value of 5 Crore			
B2	<p>Design, Supply, Installation and Operations & Maintenance of one project of Enterprise Network (including wireless network, end points (IP phones, video conference equipment etc.) and excluding any application design and development) with minimum value of INR 70 Crore</p> <p style="text-align: center;">OR</p> <p>Design, Supply, Installation and Operations & Maintenance of two projects (unit) of Enterprise Network (including wireless network, end points (IP phones, video conference equipment etc.) and excluding any application design and development) with minimum value of INR 40 Crore each (these two projects (unit) shall be considered as a single project for all evaluation purposes of this RFP</p> <p>For example: In case the Bidder is quoting the option 2.b. above, then the bidder shall be required to submit the documentary evidences</p>			

S. No.	Criteria	Documentary Evidence	Compliance (Yes/No)	Proposal Reference (Page No.)
	as desired of both the projects.			
B3	Design, Supply, Installation and Operations & Maintenance of IT Infrastructure for Data Centre (excluding any application design and development) with minimum value of 20 Crore			
C	Approach, Methodology and Solution proposed			
C1	Robustness & quality			
C2	Understanding			
C3	Presentation			

12.10 Form A.10: Approach, Methodology and Solution proposed with Work Plan and Staffing Schedule

A description of the approach, methodology and solution proposed with work plan and staffing schedule for performing the assignment, including a detailed description of the proposed methodology.

{Suggested structure of your Technical Proposal:

- a) Approach, Methodology and solution Proposed: *{Please explain your understanding of the objectives of the assignment as outlined in the Scope of Services, the technical approach, the methodology you would adopt for implementing the tasks to deliver the expected output(s), and the degree of detail of such output. Please do not repeat/ copy the Scope of Services in here.}*
- b) Work Plan: *{The proposed work plan should be consistent with the technical approach and methodology, showing your understanding of the Scope of Services and ability to translate them into a feasible working plan. A list of the final documents (including reports) to be delivered as final output(s) should be included here. The work plan should be consistent with the Work Schedule Form.}*
- c) Staffing Schedule: *{Please describe the structure and composition of your team, including the list of all Experts and relevant technical and administrative support staff}*

Note: Please enclose detail for category a, b and c separately (to be provided by the bidder in their own format)

12.11 Form A.11: Format for Project Citation/ Case Studies

General Information	
Name of the project	
Client for which the project was executed	
Name and contact details of the client	
Project Details	
Description of the project	
Scope of services	
Relevance to the current project	
Outcomes of the project	
Other Details	
Total cost of the project	
Total cost of the services provided by the Bidder	
Duration of the project (no. of months, start date, completion date, current status)	
Other Relevant Information	
Letter from the client to indicate the completion of the projects (if any)	
Copy of Work Order/ Apostile* / Agreement/ Client Certificate or self-certificate from authorized signatory	

*Note: * indicates documents requirement for International projects*

12.12 Form A.12: CV Format for proposed Project Team

1.	Proposed Position				
2.	Name of Firm				
3.	Name of Expert				
4.	Date of Birth		Citizenship:		
5.	Education				
6.	Membership in Professional Associations (Professional Certifications)				
7.	Countries of Work Experience				
Language Skills (mark Excellent/ Good/ Average)		Language	Read	Write	Speak
		English			
		Hindi			
		<Add language>			
8.	Employment Records				
From:		To:			
Employer:					
Position Held:					
From:		To:			
Employer:					
Position Held:					
From:		To:			
Employer:					
Position Held:					
From:		To:			
Employer:					
Position Held:					
9.	Work Undertaken That Best Illustrates Capability To Handle The Tasks Assigned				
<i>Project Name</i>					
<i>Year</i>					
<i>Location</i>					
<i>Client</i>					
<i>Main project Features</i>					
<i>Position Held</i>					
Activities Performed:					
Expert's contact information					
e-mail:					
Phone:					
<u>Certification:</u>					
I, the undersigned, certify that to the best of my knowledge and belief that					
<ul style="list-style-type: none"> · This CV correctly describes my qualifications and my experience · I was not part of the team who wrote the Scope of Work for this RFP · I understand that any wilful mis-statement described herein may lead to my disqualification or dismissal, if engaged 					
Name of Expert:		Signature		Date:	

12.13 Form A.13: Format for Manpower Details

S. No.	Role	Name of the Resource	Date of Birth	Qualifications	Relevant Certifications	Overall IT Experience (Years)	Relevant experience in the respective role (Years)	Compliance – Yes/No
1.								

12.14 Form A.14: Manufacturer's Authorization Format (MAF) from OEM

To,

The General Manager (Admin)
Odisha Computer Application Centre
Plotno.-N-1/7-D, Acharya Vihar Square
P.O.-RRL, Bhubaneswar-751013
Odisha

Sub: Manufacturer Authorization Letter for RFP No. < > dated < > for Selection of System Integrator for IPv6 Implementation for OCAC

Dear Sir,

We, <OEM Name> having our registered office at <OEM address>, hereinafter referred to as OEM are an established manufacturer of the following items quoted by <Bidder Name> having their registered office at <Bidder address>, hereinafter referred to as Bidder.

We <OEM Name> authorize <Bidder's name> to quote our product for above mentioned tender as our Authorized Indian Agent.

We confirm that we have understood the delivery & installation time lines defined in the RFP. We confirm that we have worked out all necessary logistics and pricing agreement with <bidder name>, and there won't be any delay in delivery, installation and support due to any delay from our side. Our full support as per pre-purchased support contract is extended in all respects for supply, warranty and maintenance of our products. We also ensure to provide the required spares and service support as pre-purchased for the supplied equipment for Contract Term. In case of any difficulties in logging complaint at bidder end, user shall have option to log complaint at our call support centre.

We also undertake that in case of default in execution of this tender by Bidder, we shall provide necessary support to OCAC in identifying another authorized partner with similar certifications/capabilities and extend support to the new partner in accordance with OEM's agreement with the new partner. In case Bidder is unable to fulfil the obligations given under this RFP, OEM shall be responsible to replace the Bidder with an alternate Indian Authorized agent to facilitate OCAC to get the requisite work done. OEM shall also ensure that the alternate Indian Authorized Agent in this case shall abide by all the terms and conditions laid down under this tender and during the empanelment of the Bidder for the quoted OEM products.

If any product is declared end of sale, we shall proactively ensure that a suitable equivalent or higher roll over product is offered through the existing Bidder to OCAC for due approval, empanelment and order executions thereafter.

We understand that any false information/ commitment provided here may result in <OEM's Name> getting debarred from doing business with OCAC.

Yours sincerely,
For <OEM/ Manufacturer name>

Authorized Signature [In full and initials]: _____

Name and Title of Signatory: _____

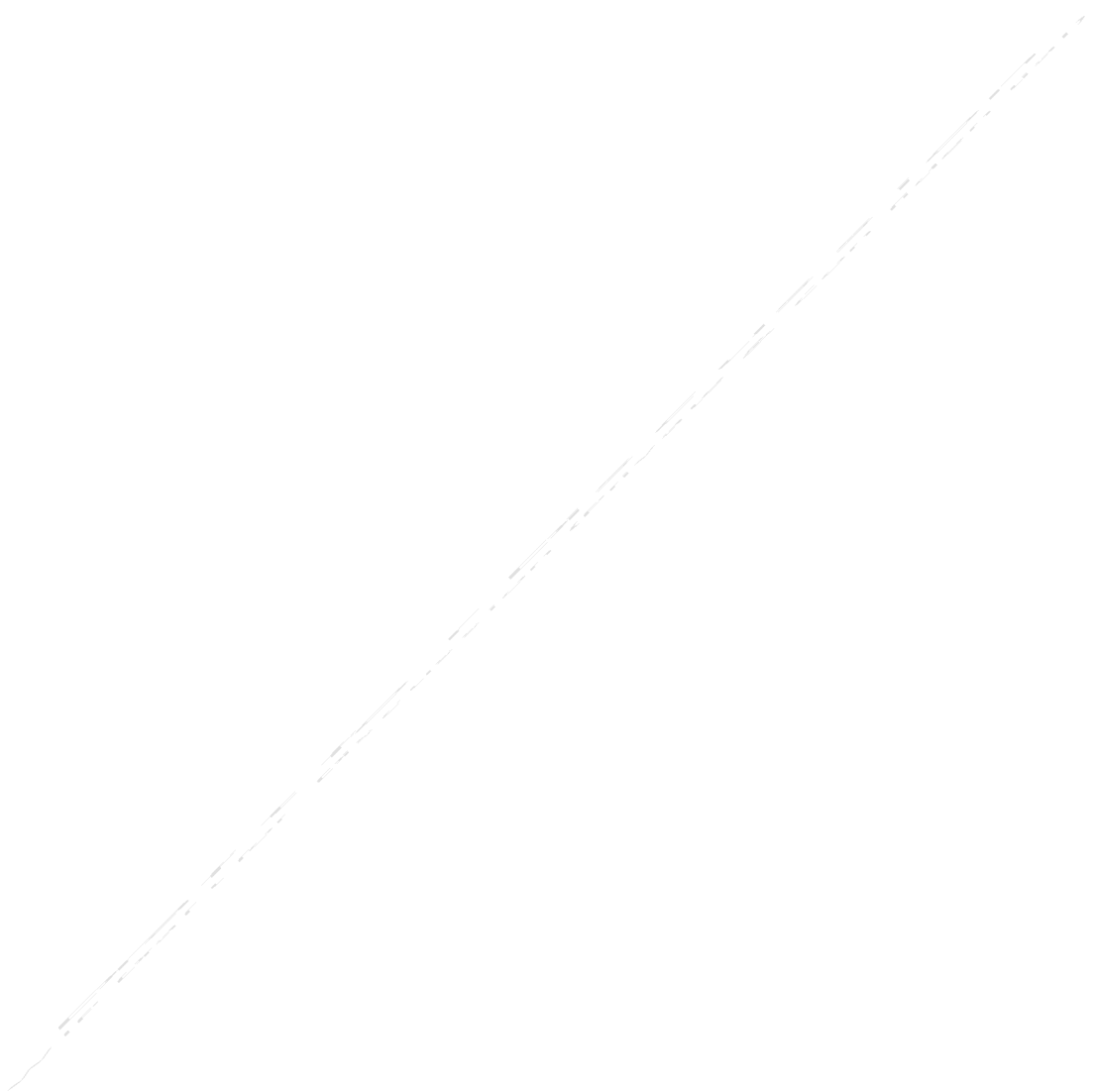
Name of Firm: _____

Address: _____

Location: _____ Date: _____

Note:

- *The letter should be submitted on the letter head of the Manufacturer/ OEM and should be signed by the authorized signatory*
- *Any deviation would lead to summarily rejection of bids*



12.15 Form A.15: Commercial Bid Letter (Company Letter head)

To,

The General Manager (Admin)
Odisha Computer Application Centre
Plotno.-N-1/7-D, Acharya Vihar Square
P.O.-RRL, Bhubaneswar-751013

Odisha

Sub: Selection of System Integrator for IPv6 Implementation by OCAC

Ref: RFP No: < > dated < >

Dear Sir,

We, the undersigned Bidder, having read and examined in detail all the Tender documents in respect of Selection of System Integrator for IPv6 Implementation by OCAC do hereby propose to provide services as specified in the RFP No. < > dated < >

I. PRICE AND VALIDITY

- a. All the prices mentioned in our Tender are in accordance with the terms & conditions as specified in the RFP. The validity of bid is 180 days from the date of opening of the RFP
- b. We are an Indian Firm and do hereby confirm that our Tender prices include all taxes. However, all the taxes are quoted separately under relevant Sections.
- c. We have studied the clause relating to Indian Income Tax and hereby declare that if any income tax, surcharge on Income Tax, Professional and any other Corporate Tax in altered under the law, we shall pay the same.

II. UNIT RATES

We have indicated in the relevant schedules enclosed, the unit rates for the purpose of on account of payment as well as for price adjustment in case of any increase to / decrease from the scope of work under the Contract.

III. DEVIATIONS

We declare that all the services shall be performed strictly in accordance with the RFP and there are no deviations except for those mentioned in Eligibility Criteria Envelope, irrespective of whatever has been stated to the contrary anywhere else in our bid.

Further we agree that additional conditions, if any, found in our bid documents, other than those stated in the deviation schedule in Eligibility Criteria Envelope, shall not be given effect to.

IV. EARNEST MONEY DEPOSIT (EMD)

We have enclosed an EMD in the form of Refundable & Irrevocable Bank Guarantee for a sum of INR 2,50,00,000/- (Rupees Two Crore Fifty Lac only). This EMD is liable to be forfeited in accordance with the provisions of the Section 5 - General Conditions of the Contract.

V. TENDER PRICING

We further confirm that the prices stated in our bid are in accordance with your Instruction to Bidders included in Tender documents.

VI. QUALIFYING DATA

We confirm having submitted the information as required by you in your Instruction to Bidders. In case you require any other further information/ documentary proof in this regard before evaluation of our Tender, we agree to furnish the same in time to your satisfaction.

VII. BID PRICE

We declare that our Bid Price is for the entire scope of the work as specified in the RFP. These prices are indicated in Annexure III – Forms attached with our Tender as part of the Tender.

VIII. PERFORMANCE BANK GUARANTEE BOND

We hereby declare that in case the Contract is awarded to us, we shall submit the Performance Bank Guarantee bond in the form prescribed in Form A.17.

We hereby declare that our Tender is made in good faith, without collusion or fraud and the information contained in the Tender is true and correct to the best of our knowledge and belief.

We understand that our Tender is binding on us and that you are not bound to accept a Tender you receive.

We confirm that no Technical deviations are attached here with this commercial offer.

Yours sincerely,

Authorized Signature [In full and initials]: _____

Name and Title of Signatory: _____

Name of Firm: _____

Address: _____

Location: _____ Date: _____

12.16 Form A.16: Commercial Bid Format

Table A: Summary of Cost Component – Overall*

S. No.	Item Description	Schedule	Total Price (INR) (including Taxes)	Total Price (INR) – in Words (including Taxes)
1.	Summary of CAPEX	Table B		
2.	Summary of OPEX	Table C		
Total (CAPEX + OPEX)				

*The total cost would be considered for commercial evaluation of the bids, OCAC reserves the right at the time of award of Contract to increase or decrease the quantity of goods and/ or services from what was originally specified while floating the RFP without any change in unit price or any other terms and conditions.

Table B: Summary of Cost Component – CAPEX#

S. No.	Item Description	Schedule	Total Price (INR) (including Taxes)	Total Price (INR) – in Words (including Taxes)
1.	IT Infrastructure	Table B.1		
Total CAPEX				

#The total cost (CAPEX + OPEX) would be considered for commercial evaluation of the bids

Table C: Summary of Cost Component – OPEX#

S. No.	Item Description	Schedule	Total Price (INR) (including Taxes)	Total Price (INR) – in Words (including Taxes)
1.	IT Infrastructure	Table C.1		
2.	Manpower	Table C.2		
Total OPEX				

The total cost (CAPEX + OPEX) would be considered for commercial evaluation of the bids

Table B.1: IT Infrastructure

S. No.	Item Description	Unit	Quantity	Unit Cost (INR) (excluding Tax)	Total Cost (INR) (excluding Tax)	Rate of Duty/ Tax/ Govt. Levy etc. as applicable at the time of bid submission	Total Tax (INR)	Total Cost (INR) (including Taxes)
			A	B	T=A*B	IR (%)	I=T*IR	TG=T+I
1.	Router							
2.	Switch (L2)							
3.	Wireless Controller							
4.	Wireless Access Point							
5.	Network Load Balancer							
6.	App Load balancer							
7.	SAN Switches							
8.	VC (Video Conferencing) devices							
9.	IP Phone							
10.	Total							

Table C.1: IT Infrastructure

S. No.	Item Description	Unit	Quantity	AMC/ Service cost for 1 st Year (INR) (excluding Taxes)	AMC/ Service cost for 2 nd Year (INR) (excluding Taxes)	AMC/ Service cost for 3 rd Year (INR) (excluding Taxes)	AMC/ Service cost for 4 th Year (INR) (excluding Taxes)	AMC/ Service cost for 5 th Year (INR) (excluding Taxes)	AMC/ Service cost for 6 th Year (INR) (excluding Taxes)	AMC/ Service cost for 7 th Year (INR) (excluding Taxes)	Total 7 Year cost for AMC (INR) (excluding Taxes)	Rate of Duty/ Tax/ Govt. Levy etc. (for AMC/ Service) as applicable at the time of bid submission	Total Tax (INR)	Total Cost (INR) (including Taxes)
				A	B	C	D	E	F	G	T=A+B+C+D+E+F+G	IR (%)	I=T*IR	TG=T+I
1.	Router													
2.	Switch (L2)													
3.	Wireless Controller													
4.	Wireless Access Point													
5.	Network Load Balancer													
6.	App Load balancer													
7.	SAN Switches													
8.	VC (Video Conferencing) devices													
9.	IP Phone													
10.	Total													

Table C.2: Manpower

S. No.	Designation/ Role	Unit	Quantity	Cost for 1 st Year (INR) (excluding Taxes)	Cost for 2 nd Year (INR) (excluding Taxes)	Cost for 3 rd Year (INR) (excluding Taxes)	Cost for 4 th Year (INR) (excluding Taxes)	Cost for 5 th Year (INR) (excluding Taxes)	Cost for 6 th Year (INR) (excluding Taxes)	Cost for 7 th Year (INR) (excluding Taxes)	Total 7 Year cost (INR) (excluding Taxes)	Rate of Duty/ Tax/ Govt. Levy etc. (for AMC/ Service) as applicable at the time of bid submission	Total Tax (INR)	Total Cost (INR) (including Taxes)
				A	B	C	D	E	F	G	T=A+B+C+D+E+F+G	IR (%)	I=T*IR	TG=T+I
1.	Item 1													
2.	Item 2													
3.	Item n													
4.	Total													

12.17 Form A.17: Format for Performance Bank Guarantee

(To be issued by a Bank)

This Deed of Guarantee executed at ----- by ----- (Name of the Bank) having its Head/ Registered office at ----- (hereinafter referred to as "the Guarantor") which expression shall unless it be repugnant to the subject or context thereof include its heirs, executors, administrators, successors and assigns;

In favour of Odisha Computer Application centre (hereinafter called "OCAC") which expression shall unless it be repugnant to the subject or context thereof include its heirs, executors, administrators, successors and assigns);

<Organization name > a company registered under Companies Act, 1956 or as amended or a LLP firm under the Limited Liability Partnership Act, 2008 with registration number ----- and having its Registered Office at -----, India (herein referred to as the 'System Integrator" for IPv6 Implementation by OCAC, for the work order number ---- dated ---- issued by OCAC, and selected < Organization name > (hereinafter referred to as the Bidder) for the Agreement by OCAC as more specifically defined in the aforementioned Document including statement of work and the Agreement executed between the OCAC and Bidder. The Agreement requires the Bidder to furnish an unconditional and irrevocable Bank Guarantee for an amount of INR ----/- (Rupees -----) by way of security for guaranteeing the due and faithful compliance of its obligations under the Agreement.

Whereas, the Bidder approached the Guarantor and the Guarantor has agreed to provide a Guarantee being these presents:

Now this Deed witnessed that in consideration of the premises, we, _____ Bank hereby guarantee as follows:

1. The Bidder shall implement the Project, in accordance with the terms and subject to the conditions of the Agreement, and fulfil its obligations there under
2. We, the Guarantor, shall, without demur, pay to OCAC, an amount not exceeding of INR ----/- (Rupees ----) within 21 (Twenty One) days of receipt of a written demand therefore from OCAC stating that the Bidder has failed to fulfil its obligations as stated in Clause 1 above
3. The above payment shall be made by us without any reference to the Bidder or any other person and irrespective of whether the claim of the OCAC is disputed by the Bidder or not
4. The Guarantee shall come into effect from _____ (Start Date) and shall continue to be in full force and effect till the earlier of its expiry at 1700 hours Indian Standard Time on (Expiry Date) (both dates inclusive) or till the receipt of a claim, from OCAC under this Guarantee, whichever is earlier. Any demand received by the Guarantor from OCAC prior to the Expiry Date shall survive the expiry of this Guarantee till such time that all the moneys payable under this Guarantee by the Guarantor to OCAC.
5. In order to give effect to this Guarantee, OCAC shall be entitled to treat the Guarantor as the principal debtor and the obligations of the Guarantor shall not be affected by any variations in the terms and conditions of the Agreement or other documents by OCAC or by the extension of time of performance granted to the Bidder or any postponement for any time of the power exercisable by OCAC against the Bidder or forebear or enforce any of the terms and conditions of the Agreement and we shall not be relieved from our obligations under this Guarantee on

- account of any such variation, extension, forbearance or omission on the part of OCAC or any indulgence by OCAC to the Bidder to give such matter or thing whatsoever which under the law relating to sureties would but for this provision have effect of so relieving us
6. This Guarantee shall be irrevocable and shall remain in full force and effect until all our obligations under this guarantee are duly discharged
 7. The Guarantor has power to issue this guarantee and the undersigned is duly authorized to execute this Guarantee pursuant to the power granted under _____
 8. The BG is enforceable at Odisha

In witness, whereof the Guarantor has set its hands hereunto on the day, month and year first here-in-above written.

Signed and Delivered by _____ Bank by the hand of Shri _____ its _____ and authorised office.

Authorised Signatory _____ Bank

13 Annexure IV: Manpower Details

For all other categories of manpower resources, except the Project Manager, the names & date of birth of proposed resources may be furnished by the Bidder at the time of Contract finalization.

However, the Bidder should furnish the project team details such as the qualifications, experience, certification and other details as per format given below along with detailed CVs as per the format specified in Annexure III - Forms

S. No.	Role	Name of the Resource	Date of Birth	Qualifications	Relevant Certifications	Overall IT Experience (Years)	Relevant experience in the respective role (Years)	Compliance – Yes/No
1.								

Note: It is mandatory that the resource proposed for the Project Manager position should not change till the project end.

14 Annexure V: Change Control Note

Change Control Note/ Change Note on Scope of Work	
CCN/ CNS Number:	
Part A of CCN/ CNS: Initiation	
Title:	
Originator:	
Sponsor:	
Date of Initiation:	
Details of Proposed Change	
(To include reason for change and appropriate details/ specifications. Please append attachments, if any.)	
Authorized by OCAC	Date:
Name:	
Signature:	
Received by the System Integrator	Date:
Name:	
Signature:	
PART B of CCN/ CNS	
Change Control Note/ Change Note on Scope of Work	CCN/ CNS Number:
Part B : Evaluation	
(identify any attachments)	
Changes to Services, assessment of value of proposed change, charging structure, payment profile, time table, documentation, training, service level/ deliverables and component working arrangements and any other contractual issue.	
Brief Description of Change & Solution:	
Material evidence that proposed change is not already covered within the scope or SLAs	
Impact:	
Deliverables:	
Timetable:	
Estimate of proposed change: (Applicable for CNS only): (including estimated man-month effort, associated rates/ costs, schedule of payment)	
Details of Manpower to be provided (Provide CVs of Manpower to be Deployed in Proforma as in Part C of this form)	
Other Relevant Information: (including value-added and acceptance criteria)	
Authorized by the OCAC	Date:
Name:	
Signature:	
Part C of CCN/ CSN	

Change Control Note/ Change Note on Scope of Work			
CCN/ CNS Number:			
Change Control Note/ Change Control Note	CCN/ CSN Number :		
CVs of Manpower to be Deployed			
Name:			
Role to be played:			
Current Job Title:			
Experience (Provide details regarding name of the organizations worked for, Designation, Responsibilities, Tenure, etc.			
Name of Organization	From	To	Designation/ Responsibilities
Number of years with the Current Organization:			
Current job responsibilities:			
Summary of professional/ domain experience:			
Skill sets:			
Highlights of assignments handled:			
Educational Background, Training/ Certification			
Degree (including subjects)	Year of Award of Degree	University	% of Marks
Authorized by the System Integrator	Date:		
Name:			
Signature:			
PART D of CCN/ CNS			
Change Control Note/ Change Note on Scope of Work	CCN/ CNS Number :		
Authority to Proceed			
Implementation of this CCN/ CSN as submitted in Part A, in accordance with Part B and Part C is: (tick as appropriate)			
Approved			
Rejected			
Requires Further Information (as follows, or as Attachment 1 etc.)			
For OCAC	For the System Integrator		
Signature	Signature		
Name	Name		

Change Control Note/ Change Note on Scope of Work

CCN/ CNS Number:

Title	Title
Date	Date

15 Annexure VI: Existing Hardware

15.1 Odisha State Data Centre (OSDC)

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance with IPv6 (Yes/No)	Location
1.	Network Load balancer	RADWARE	Link Proof On Demand	2	RAM=2GB, CPU=1,Core=2, OS=6.12.02DL, Port= 16	No	OSDC
2.	App Load balancer	RADWARE	App Director with Cookie Persistency	2	RAM=6GB, CPU=2,Core=4, OS=2.14.09DL, Port=6	No	OSDC
3.	SAN Switch	Cisco	DS-C9134-K9	4	Port=32, OS= NX5.2,	Yes	OSDC

15.2 Odisha Secretariat Network (SecLAN)

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance with IPv6 (Yes/No)	Location
1.	Wireless Controller	Aruba	6000	2	ArubaOS Version 6.1.2.3, ROM: System Bootstrap, Processor: XLR 732 (revision C4), 32KB NVRAM, 512MB System flash	Yes	Secretariat IT Centre
2.	Switch	Cisco	SGE2000P	121	24 RJ-45 connectors for 10BASE-T/100BASE-TX/1000BASE-T with 4 shared Gigabit SFP slots, Stacking:8 units in a stack(192 ports)	Yes	Secretariat IT Centre
3.	Switch	Cisco	C2950-16Q4L2-M	8	Ports : 24 RJ-45 10/100Base-TX Fast Ethernet, Flash Size : 8MB, NVRAM : 32KB,	No	Secretariat IT Centre

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance with IPv6 (Yes/No)	Location
					DRAM : 16MB		
4.	Switch	Cisco	C2900XL-C3H2S-M	1	IEEE 802.3 Full Duplex 10/100 base T ports, IEEE 802.1D STP, 4MB NVRAM, 1.6 Gbps Max forwarding bandwidth, RJ 45 Console port.	No	Secretariat IT Centre
5.	Wireless Access Point	Aruba	AP93	145	ArubaOS Version 6.1.2.3 CPU Rev: 1101, 72x CPU Flash variant: 16M, Memory: 65536k	No	Secretariat IT Centre
6.	Wireless Access Point	IBALL BATON	300 Wireless AP	8	IEEE 802.11b/g/n wireless standards, 2-10/100M (RJ45) LAN Port / 1-WAN Port	No	Secretariat IT Centre

15.3 Odisha State wide Network (OSWAN)

State Headquarter (SHQ)

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance with IPv6 (Yes/No)	location
1.	Router	Cisco	2821	2	4 HWIC slots, 2 USB ports, ISO Version 12.4, 128 MB RAM, 64 MB Flash	Yes	SHQ

District Headquarter (DHO)

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance With IPv6 (Yes/No)	Location
1.	VSX Codec(VC)	Polycom	7000e	1	Version 9.0.5.2 Single 10/100 Ethernet port. IP(LAN, DSL, cable Modem), Video input/output 4 connectors	No	Angul
2.				Balasore			
3.				Bargarh			
4.				Bhadrak			
5.				Bolangir			
6.				Boudh			
7.				Cuttack			
8.				Deogarh			
9.				Dhenkanal			
10.				Gajapati			
11.				Ganjam			
12.				Jagatsinghpur			
13.				Jajpur			
14.				Jharsuguda			
15.				Kalahandi			
16.				Kandhamal			
17.				Kendrapara			
18.				Keonjhar			
19.				Khurda			
20.				Koraput			
21.				Malkangiri			
22.				Mayurbhanj			
23.				Nabarangpur			
24.				Nayagarh			
25.				Nuapada			
26.				Puri			
27.				Rayagada			
28.				Sambalpur			
29.				Sonepur			

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance With IPv6 (Yes/No)	Location
30.				1			Sundergarh
31.	IP Phone	Cisco	CP-7940G	1	Version 8.0(5.0), POE, RJ-45 ports that each support 10/100 Mbps, half- or full-duplex	No	Angul
32.				1			Balasore
33.				1			Bargarh
34.				1			Bhadrak
35.				1			Bolangir
36.				1			Boudh
37.				1			Cuttack
38.				1			Deogarh
39.				1			Dhenkanal
40.				1			Gajapati
41.				1			Ganjam
42.				1			Jagatsinghpur
43.				1			Jajpur
44.				1			Jharsuguda
45.				1			Kalahandi
46.				1			Kandhamal
47.				1			Kendrapara
48.				1			Keonjhar
49.				1			Khurda
50.				1			Koraput
51.				1			Malkangiri
52.				1			Mayurbhanj
53.				1			Nabarangpur
54.				1			Nayagarh
55.				1			Nuapada
56.				1			Puri
57.				1			Rayagada
58.				1			Sambalpur
59.				1			Sonepur

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance With IPv6 (Yes/No)	Location
60.				1			Sundergarh

Block Headquarters BHQ

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance With IPv6 (Yes/No)	Location
1.	Router	Cisco	2821	1	4 HWIC slots, 2 USB ports, ISO Version 12.4, 128 MB RAM, 64 MB Flash	Yes	Pallahara
2.	Router	Cisco	2821	1		Yes	Chhendipada
3.	Router	Cisco	2821	1		Yes	Kaniha
4.	Router	Cisco	2821	1		Yes	Athmallik
5.	Router	Cisco	2821	1		Yes	Kishorenagar
6.	Router	Cisco	2821	1		Yes	Jalaeswar
7.	Router	Cisco	2821	1		Yes	Nilgiri
8.	Router	Cisco	2821	1		Yes	Ouapada
9.	Router	Cisco	2821	1		Yes	Simulia
10.	Router	Cisco	2821	1		Yes	Bahanaga
11.	Router	Cisco	2821	1		Yes	Barapalli
12.	Router	Cisco	2821	1		Yes	Attabira
13.	Router	Cisco	2821	1		Yes	Bheden
14.	Router	Cisco	2821	1		Yes	Ambabhona
15.	Router	Cisco	2821	1		Yes	Bhatli
16.	Router	Cisco	2821	1		Yes	Paikamal
17.	Router	Cisco	2821	1		Yes	Padampur
18.	Router	Cisco	2821	1		Yes	Sohella
19.	Router	Cisco	2821	1		Yes	Bhandariphokari
20.	Router	Cisco	2821	1		Yes	Banta
21.	Router	Cisco	2821	1		Yes	Dhamanagar

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance With IPv6 (Yes/No)	Location
22.	Router	Cisco	2821	1		Yes	Basudevapur
23.	Router	Cisco	2821	1		Yes	Chandabali
24.	Router	Cisco	2821	1		Yes	Deogaon
25.	Router	Cisco	2821	1		Yes	Saintala
26.	Router	Cisco	2821	1		Yes	Belapara
27.	Router	Cisco	2821	1		Yes	Muribahal
28.	Router	Cisco	2821	1		Yes	Puintala
29.	Router	Cisco	2821	1		Yes	Patnagarh
30.	Router	Cisco	2821	1		Yes	Titilagarh
31.	Router	Cisco	2821	1		Yes	Bangomunda
32.	Router	Cisco	2821	1		Yes	Agalpur
33.	Router	Cisco	2821	1		Yes	Guduvella
34.	Router	Cisco	2821	1		Yes	Khaprakhhol
35.	Router	Cisco	2821	1		Yes	Tureikela
36.	Router	Cisco	2821	1		Yes	Loisingha
37.	Router	Cisco	2821	1		Yes	Kantamal
38.	Router	Cisco	2821	1		Yes	Harbhanga
39.	Router	Cisco	2821	1		Yes	Damapara
40.	Router	Cisco	2821	1		Yes	Badamba
41.	Router	Cisco	2821	1		Yes	Salepur
42.	Router	Cisco	2821	1		Yes	Narsinghpur
43.	Router	Cisco	2821	1		Yes	Tigira
44.	Router	Cisco	2821	1		Yes	Nischintakoili
45.	Router	Cisco	2821	1		Yes	Banki
46.	Router	Cisco	2821	1		Yes	Baranga
47.	Router	Cisco	2821	1		Yes	Kantapara

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance With IPv6 (Yes/No)	Location
48.	Router	Cisco	2821	1		Yes	Mahanga
49.	Router	Cisco	2821	1		Yes	Athagarh
50.	Router	Cisco	2821	1		Yes	Barkote
51.	Router	Cisco	2821	1		Yes	Reamal
52.	Router	Cisco	2821	1		Yes	Hindol
53.	Router	Cisco	2821	1		Yes	Gandia
54.	Router	Cisco	2821	1		Yes	Odapada
55.	Router	Cisco	2821	1		Yes	Parajanga
56.	Router	Cisco	2821	1		Yes	Kasinagar
57.	Router	Cisco	2821	1		Yes	Raygarh
58.	Router	Cisco	2821	1		Yes	Nuagarh
59.	Router	Cisco	2821	1		Yes	Gumma
60.	Router	Cisco	2821	1		Yes	Mohana
61.	Router	Cisco	2821	1		Yes	Kukudakhandi
62.	Router	Cisco	2821	1		Yes	Khalikote
63.	Router	Cisco	2821	1		Yes	Belaguntha
64.	Router	Cisco	2821	1		Yes	Buguda
65.	Router	Cisco	2821	1		Yes	Jagannathprasad
66.	Router	Cisco	2821	1		Yes	Soroda
67.	Router	Cisco	2821	1		Yes	Hinjilicut
68.	Router	Cisco	2821	1		Yes	Shergada
69.	Router	Cisco	2821	1		Yes	Dharakote
70.	Router	Cisco	2821	1		Yes	Polasara
71.	Router	Cisco	2821	1		Yes	Digapahandi
72.	Router	Cisco	2821	1		Yes	Bhanjanagar
73.	Router	Cisco	2821	1		Yes	Chikiti

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance With IPv6 (Yes/No)	Location
74.	Router	Cisco	2821	1		Yes	Patrapur
75.	Router	Cisco	2821	1		Yes	Raghunathpur
76.	Router	Cisco	2821	1		Yes	Kujanga
77.	Router	Cisco	2821	1		Yes	Naugaon
78.	Router	Cisco	2821	1		Yes	Balikuda
79.	Router	Cisco	2821	1		Yes	Korai
80.	Router	Cisco	2821	1		Yes	Bari
81.	Router	Cisco	2821	1		Yes	Badachana
82.	Router	Cisco	2821	1		Yes	Danagadi
83.	Router	Cisco	2821	1		Yes	Rasulpur
84.	Router	Cisco	2821	1		Yes	Binjharpur
85.	Router	Cisco	2821	1		Yes	Laikera
86.	Router	Cisco	2821	1		Yes	Madanpur Rampur
87.	Router	Cisco	2821	1		Yes	Jaipatna
88.	Router	Cisco	2821	1		Yes	Karlamunda
89.	Router	Cisco	2821	1		Yes	Dharmagarh
90.	Router	Cisco	2821	1		Yes	T.Rampur
91.	Router	Cisco	2821	1		Yes	Narla
92.	Router	Cisco	2821	1		Yes	Lanjigarh
93.	Router	Cisco	2821	1		Yes	Kokasara
94.	Router	Cisco	2821	1		Yes	Kesinga
95.	Router	Cisco	2821	1		Yes	Junagrh
96.	Router	Cisco	2821	1		Yes	Daringibadi
97.	Router	Cisco	2821	1		Yes	Kotagarh
98.	Router	Cisco	2821	1		Yes	Tumudibandh
99.	Router	Cisco	2821	1		Yes	K.Nuagaon

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance With IPv6 (Yes/No)	Location
100.	Router	Cisco	2821	1		Yes	Raikia
101.	Router	Cisco	2821	1		Yes	G.Udayagiri
102.	Router	Cisco	2821	1		Yes	Tikabali
103.	Router	Cisco	2821	1		Yes	Phiringia
104.	Router	Cisco	2821	1		Yes	Baliguda
105.	Router	Cisco	2821	1		Yes	Chakapad
106.	Router	Cisco	2821	1		Yes	Patamundai
107.	Router	Cisco	2821	1		Yes	Derabish
108.	Router	Cisco	2821	1		Yes	Rajkanika
109.	Router	Cisco	2821	1		Yes	Rajnagar
110.	Router	Cisco	2821	1		Yes	Telkoi
111.	Router	Cisco	2821	1		Yes	Ghasipura
112.	Router	Cisco	2821	1		Yes	Champua
113.	Router	Cisco	2821	1		Yes	Harichandanpur
114.	Router	Cisco	2821	1		Yes	Joda
115.	Router	Cisco	2821	1		Yes	Saharapara
116.	Router	Cisco	2821	1		Yes	Ghatagaon
117.	Router	Cisco	2821	1		Yes	Anandapur
118.	Router	Cisco	2821	1		Yes	Bansapal
119.	Router	Cisco	2821	1		Yes	Begunia
120.	Router	Cisco	2821	1		Yes	Bhubaneswar
121.	Router	Cisco	2821	1		Yes	Balianta
122.	Router	Cisco	2821	1		Yes	Tangi
123.	Router	Cisco	2821	1		Yes	Balipatna
124.	Router	Cisco	2821	1		Yes	Jatani
125.	Router	Cisco	2821	1	Yes	Narayanpatana	

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance With IPv6 (Yes/No)	Location
126.	Router	Cisco	2821	1		Yes	Bandhugaon
127.	Router	Cisco	2821	1		Yes	Pottangi
128.	Router	Cisco	2821	1		Yes	Baipariguda
129.	Router	Cisco	2821	1		Yes	Nandapur
130.	Router	Cisco	2821	1		Yes	Jeypore
131.	Router	Cisco	2821	1		Yes	Khairput
132.	Router	Cisco	2821	1		Yes	Kalimela
133.	Router	Cisco	2821	1		Yes	Podia
134.	Router	Cisco	2821	1		Yes	Mathili
135.	Router	Cisco	2821	1		Yes	Korkunda
136.	Router	Cisco	2821	1		Yes	Kudmul gumma
137.	Router	Cisco	2821	1		Yes	Bangiriposi
138.	Router	Cisco	2821	1		Yes	Khunta
139.	Router	Cisco	2821	1		Yes	Kusumi
140.	Router	Cisco	2821	1		Yes	Udala
141.	Router	Cisco	2821	1		Yes	Jasipur
142.	Router	Cisco	2821	1		Yes	Barasahi
143.	Router	Cisco	2821	1		Yes	Bijayatola
144.	Router	Cisco	2821	1		Yes	Jamda
145.	Router	Cisco	2821	1		Yes	Raruan
146.	Router	Cisco	2821	1		Yes	Sukurili
147.	Router	Cisco	2821	1		Yes	Saraskana
148.	Router	Cisco	2821	1		Yes	Tiring
149.	Router	Cisco	2821	1		Yes	Rairangpur
150.	Router	Cisco	2821	1		Yes	GBNagar
151.	Router	Cisco	2821	1		Yes	Suliapada

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance With IPv6 (Yes/No)	Location
152.	Router	Cisco	2821	1		Yes	Kuliana
153.	Router	Cisco	2821	1		Yes	Karanjia
154.	Router	Cisco	2821	1		Yes	Bahalda
155.	Router	Cisco	2821	1		Yes	Samakhunta
156.	Router	Cisco	2821	1		Yes	Kosagumuda
157.	Router	Cisco	2821	1		Yes	Umerkote
158.	Router	Cisco	2821	1		Yes	Dabugaon
159.	Router	Cisco	2821	1		Yes	Nandahandi
160.	Router	Cisco	2821	1		Yes	Raighar
161.	Router	Cisco	2821	1		Yes	Daspala
162.	Router	Cisco	2821	1		Yes	Khandapara
163.	Router	Cisco	2821	1		Yes	Nuagaon
164.	Router	Cisco	2821	1		Yes	Odagaon
165.	Router	Cisco	2821	1		Yes	Sinapalli
166.	Router	Cisco	2821	1		Yes	Komna
167.	Router	Cisco	2821	1		Yes	Boden
168.	Router	Cisco	2821	1		Yes	Kanas
169.	Router	Cisco	2821	1		Yes	Delang
170.	Router	Cisco	2821	1		Yes	Satyabadi
171.	Router	Cisco	2821	1		Yes	Nimapara
172.	Router	Cisco	2821	1		Yes	Pipili
173.	Router	Cisco	2821	1		Yes	Kashipur
174.	Router	Cisco	2821	1		Yes	Gunpur
175.	Router	Cisco	2821	1		Yes	Padmapur
176.	Router	Cisco	2821	1		Yes	Kolanara
177.	Router	Cisco	2821	1		Yes	Muniguda

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance With IPv6 (Yes/No)	Location
178.	Router	Cisco	2821	1		Yes	B.Cuttack
179.	Router	Cisco	2821	1		Yes	Ramanguda
180.	Router	Cisco	2821	1		Yes	Kuchinda
181.	Router	Cisco	2821	1		Yes	Jamankira
182.	Router	Cisco	2821	1		Yes	Naktideul
183.	Router	Cisco	2821	1		Yes	Rengali
184.	Router	Cisco	2821	1		Yes	Rairakhol
185.	Router	Cisco	2821	1		Yes	Jujumara
186.	Router	Cisco	2821	1		Yes	Birmaharajpur
187.	Router	Cisco	2821	1		Yes	Tarva
188.	Router	Cisco	2821	1		Yes	Binika
189.	Router	Cisco	2821	1		Yes	Dungripalli
190.	Router	Cisco	2821	1		Yes	Bonai
191.	Router	Cisco	2821	1		Yes	Kuarmunda
192.	Router	Cisco	2821	1		Yes	Nuagaon
193.	Router	Cisco	2821	1		Yes	Baragaon
194.	Router	Cisco	2821	1		Yes	Lephriipada
195.	Router	Cisco	2821	1		Yes	Lathikata
196.	Router	Cisco	2821	1		Yes	Tangarpali
197.	Router	Cisco	2821	1		Yes	Bisra
198.	Router	Cisco	2821	1	Yes	Koira	
199.	Router	Cisco	2821	1	Yes	Kutra	
200.	Router	Cisco	2821	1	Yes	Rajgangpur	
201.	Switch	Cisco	CE-500	1	ISO Version12.2,24port Fast Eth, 2 SFP Port,4 POE Port, Support Vlan, STP,SNMP	No	Pallahara
202.	Switch	Cisco	CE-500	1		No	Banarpal
203.	Switch	Cisco	CE-500	1		No	Talcher

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance With IPv6 (Yes/No)	Location
204.	Switch	Cisco	CE-500	1		No	Chhendipada
205.	Switch	Cisco	CE-500	1		No	Kaniha
206.	Switch	Cisco	CE-500	1		No	Jalaeswar
207.	Switch	Cisco	CE-500	1		No	Ouapada
208.	Switch	Cisco	CE-500	1		No	Baliapala
209.	Switch	Cisco	CE-500	1		No	Khaira
210.	Switch	Cisco	CE-500	1		No	Bhogarai
211.	Switch	Cisco	CE-500	1		No	Simulia
212.	Switch	Cisco	CE-500	1		No	Bahanaga
213.	Switch	Cisco	CE-500	1		No	Attabira
214.	Switch	Cisco	CE-500	1		No	Bheden
215.	Switch	Cisco	CE-500	1		No	Ambabhona
216.	Switch	Cisco	CE-500	1		No	Gaisilet
217.	Switch	Cisco	CE-500	1		No	Jharabandh
218.	Switch	Cisco	CE-500	1		No	Paikamal
219.	Switch	Cisco	CE-500	1		No	Sohella
220.	Switch	Cisco	CE-500	1		No	Bhandariphokari
221.	Switch	Cisco	CE-500	1		No	Dhamanagar
222.	Switch	Cisco	CE-500	1		No	Basudevpur
223.	Switch	Cisco	CE-500	1		No	Chandabali
224.	Switch	Cisco	CE-500	1		No	Tihidi
225.	Switch	Cisco	CE-500	1		No	Deogaon
226.	Switch	Cisco	CE-500	1		No	Saintala
227.	Switch	Cisco	CE-500	1		No	Belapara
228.	Switch	Cisco	CE-500	1		No	Muribahal
229.	Switch	Cisco	CE-500	1		No	Patnagarh

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance With IPv6 (Yes/No)	Location
230.	Switch	Cisco	CE-500	1		No	Titilagarh
231.	Switch	Cisco	CE-500	1		No	Bangomunda
232.	Switch	Cisco	CE-500	1		No	Guduvella
233.	Switch	Cisco	CE-500	1		No	Khaprakhol
234.	Switch	Cisco	CE-500	1		No	Tureikela
235.	Switch	Cisco	CE-500	1		No	Loisingha
236.	Switch	Cisco	CE-500	1		No	Kantamal
237.	Switch	Cisco	CE-500	1		No	Harbhanga
238.	Switch	Cisco	CE-500	1		No	Damapara
239.	Switch	Cisco	CE-500	1		No	Badamba
240.	Switch	Cisco	CE-500	1		No	Salepur
241.	Switch	Cisco	CE-500	1		No	Tigira
242.	Switch	Cisco	CE-500	1		No	Niali
243.	Switch	Cisco	CE-500	1		No	Nischintakoili
244.	Switch	Cisco	CE-500	1		No	Banki
245.	Switch	Cisco	CE-500	1		No	Baranga
246.	Switch	Cisco	CE-500	1		No	Mahanga
247.	Switch	Cisco	CE-500	1		No	Barkote
248.	Switch	Cisco	CE-500	1		No	Reamal
249.	Switch	Cisco	CE-500	1		No	Kamakhya- Nagar
250.	Switch	Cisco	CE-500	1		No	Kankadahad
251.	Switch	Cisco	CE-500	1		No	Odapada
252.	Switch	Cisco	CE-500	1		No	Parajanga
253.	Switch	Cisco	CE-500	1		No	Kasinagar
254.	Switch	Cisco	CE-500	1		No	Raygarh
255.	Switch	Cisco	CE-500	1	No	R.Udayagiri	

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance With IPv6 (Yes/No)	Location
256.	Switch	Cisco	CE-500	1		No	Nuagarh
257.	Switch	Cisco	CE-500	1		No	Gumma
258.	Switch	Cisco	CE-500	1		No	Mohana
259.	Switch	Cisco	CE-500	1		No	Kukudakhandi
260.	Switch	Cisco	CE-500	1		No	Khalikote
261.	Switch	Cisco	CE-500	1		No	Belaguntha
262.	Switch	Cisco	CE-500	1		No	Kabisuryanagar
263.	Switch	Cisco	CE-500	1		No	Sanakhemundi
264.	Switch	Cisco	CE-500	1		No	Rangeilunda/KANISI
265.	Switch	Cisco	CE-500	1		No	Buguda
266.	Switch	Cisco	CE-500	1		No	Jagannathprasad
267.	Switch	Cisco	CE-500	1		No	Soroda
268.	Switch	Cisco	CE-500	1		No	Aska
269.	Switch	Cisco	CE-500	1		No	Shergada
270.	Switch	Cisco	CE-500	1		No	Kodala (Beguniapada)
271.	Switch	Cisco	CE-500	1		No	Ganjam
272.	Switch	Cisco	CE-500	1		No	Dharakote
273.	Switch	Cisco	CE-500	1		No	Polasara
274.	Switch	Cisco	CE-500	1		No	Purusothampur
275.	Switch	Cisco	CE-500	1		No	Digapahandi
276.	Switch	Cisco	CE-500	1		No	Bhanjanagar
277.	Switch	Cisco	CE-500	1	No	Chikiti	
278.	Switch	Cisco	CE-500	1	No	Patrapur	
279.	Switch	Cisco	CE-500	1	No	Biridi	
280.	Switch	Cisco	CE-500	1	No	Tirtol	
281.	Switch	Cisco	CE-500	1	No	Kujanga	

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance With IPv6 (Yes/No)	Location
282.	Switch	Cisco	CE-500	1		No	Balikuda
283.	Switch	Cisco	CE-500	1		No	Korai
284.	Switch	Cisco	CE-500	1		No	Dharmashala
285.	Switch	Cisco	CE-500	1		No	Bari
286.	Switch	Cisco	CE-500	1		No	Rasulpur
287.	Switch	Cisco	CE-500	1		No	Binjharpur
288.	Switch	Cisco	CE-500	1		No	Dasarathpur
289.	Switch	Cisco	CE-500	1		No	Lakhanpur
290.	Switch	Cisco	CE-500	1		No	Kirimira
291.	Switch	Cisco	CE-500	1		No	Kalampur
292.	Switch	Cisco	CE-500	1		No	Madanpur Rampur
293.	Switch	Cisco	CE-500	1		No	Jaipatna
294.	Switch	Cisco	CE-500	1		No	Karlamunda
295.	Switch	Cisco	CE-500	1		No	T.Rampur
296.	Switch	Cisco	CE-500	1		No	Narla
297.	Switch	Cisco	CE-500	1		No	Lanjigarh
298.	Switch	Cisco	CE-500	1		No	Golamunda
299.	Switch	Cisco	CE-500	1		No	Kokasara
300.	Switch	Cisco	CE-500	1		No	Daringibadi
301.	Switch	Cisco	CE-500	1		No	Kotagarh
302.	Switch	Cisco	CE-500	1		No	Tumudibandh
303.	Switch	Cisco	CE-500	1		No	Raikia
304.	Switch	Cisco	CE-500	1		No	Khajuripada
305.	Switch	Cisco	CE-500	1		No	Baliguda
306.	Switch	Cisco	CE-500	1		No	Chakapad
307.	Switch	Cisco	CE-500	1		No	Patamundai

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance With IPv6 (Yes/No)	Location
308.	Switch	Cisco	CE-500	1		No	Mahakalapara
309.	Switch	Cisco	CE-500	1		No	Derabish
310.	Switch	Cisco	CE-500	1		No	Gardapur
311.	Switch	Cisco	CE-500	1		No	Rajkanika
312.	Switch	Cisco	CE-500	1		No	Rajnagar
313.	Switch	Cisco	CE-500	1		No	Hatadihi
314.	Switch	Cisco	CE-500	1		No	Ghasipura
315.	Switch	Cisco	CE-500	1		No	Champua
316.	Switch	Cisco	CE-500	1		No	Harichandanpur
317.	Switch	Cisco	CE-500	1		No	Joda
318.	Switch	Cisco	CE-500	1		No	Saharapara
319.	Switch	Cisco	CE-500	1		No	Anandapur
320.	Switch	Cisco	CE-500	1		No	Bansapal
321.	Switch	Cisco	CE-500	1		No	Bhubaneswar
322.	Switch	Cisco	CE-500	1		No	Tangi
323.	Switch	Cisco	CE-500	1		No	Chilika
324.	Switch	Cisco	CE-500	1		No	Bolagarh
325.	Switch	Cisco	CE-500	1		No	Jatani
326.	Switch	Cisco	CE-500	1		No	Borigumma
327.	Switch	Cisco	CE-500	1		No	Kundra
328.	Switch	Cisco	CE-500	1		No	Narayanpatana
329.	Switch	Cisco	CE-500	1		No	Bandhugaon
330.	Switch	Cisco	CE-500	1		No	Baipariguda
331.	Switch	Cisco	CE-500	1		No	Nandapur
332.	Switch	Cisco	CE-500	1		No	Jeypore
333.	Switch	Cisco	CE-500	1		No	Khairput

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance With IPv6 (Yes/No)	Location
334.	Switch	Cisco	CE-500	1		No	Kalimela
335.	Switch	Cisco	CE-500	1		No	Mathili
336.	Switch	Cisco	CE-500	1		No	Korkunda
337.	Switch	Cisco	CE-500	1		No	Kudmul gumma
338.	Switch	Cisco	CE-500	1		No	Betanati
339.	Switch	Cisco	CE-500	1		No	Bangiriposi
340.	Switch	Cisco	CE-500	1		No	Khunta
341.	Switch	Cisco	CE-500	1		No	Kusumi
342.	Switch	Cisco	CE-500	1		No	Udala
343.	Switch	Cisco	CE-500	1		No	Kaptipada
344.	Switch	Cisco	CE-500	1		No	Rasgobindpur
345.	Switch	Cisco	CE-500	1		No	Jasipur
346.	Switch	Cisco	CE-500	1		No	Barasahi
347.	Switch	Cisco	CE-500	1		No	Bijayatola
348.	Switch	Cisco	CE-500	1		No	Bisoi
349.	Switch	Cisco	CE-500	1		No	Jamda
350.	Switch	Cisco	CE-500	1		No	Raruan
351.	Switch	Cisco	CE-500	1		No	Sukurili
352.	Switch	Cisco	CE-500	1		No	Saraskana
353.	Switch	Cisco	CE-500	1		No	Tiring
354.	Switch	Cisco	CE-500	1		No	Rairangpur
355.	Switch	Cisco	CE-500	1		No	GBNagar
356.	Switch	Cisco	CE-500	1		No	Suliapada
357.	Switch	Cisco	CE-500	1		No	Kuliana
358.	Switch	Cisco	CE-500	1		No	Karanjia
359.	Switch	Cisco	CE-500	1		No	Bahalda

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance With IPv6 (Yes/No)	Location
360.	Switch	Cisco	CE-500	1		No	Chandahandi
361.	Switch	Cisco	CE-500	1		No	Papadhandi
362.	Switch	Cisco	CE-500	1		No	Kosagumuda
363.	Switch	Cisco	CE-500	1		No	Umerkote
364.	Switch	Cisco	CE-500	1		No	Dabugaon
365.	Switch	Cisco	CE-500	1		No	Jharigaon
366.	Switch	Cisco	CE-500	1		No	Nandahandi
367.	Switch	Cisco	CE-500	1		No	Daspala
368.	Switch	Cisco	CE-500	1		No	Khandapara
369.	Switch	Cisco	CE-500	1		No	Odagaon
370.	Switch	Cisco	CE-500	1		No	Gania
371.	Switch	Cisco	CE-500	1		No	Bhapur
372.	Switch	Cisco	CE-500	1		No	Ranapur
373.	Switch	Cisco	CE-500	1		No	Komna
374.	Switch	Cisco	CE-500	1		No	Boden
375.	Switch	Cisco	CE-500	1		No	Khariar
376.	Switch	Cisco	CE-500	1		No	Kanas
377.	Switch	Cisco	CE-500	1		No	Krushnaprasad
378.	Switch	Cisco	CE-500	1		No	Satyabadi
379.	Switch	Cisco	CE-500	1		No	Nimapara
380.	Switch	Cisco	CE-500	1		No	Pipili
381.	Switch	Cisco	CE-500	1		No	Kashipur
382.	Switch	Cisco	CE-500	1		No	K. Singhpur
383.	Switch	Cisco	CE-500	1		No	Gudari
384.	Switch	Cisco	CE-500	1		No	Kolanara
385.	Switch	Cisco	CE-500	1		No	Muniguda

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance With IPv6 (Yes/No)	Location
386.	Switch	Cisco	CE-500	1		No	B.Cuttack
387.	Switch	Cisco	CE-500	1		No	Ramanguda
388.	Switch	Cisco	CE-500	1		No	Chandrapur
389.	Switch	Cisco	CE-500	1		No	Bamara
390.	Switch	Cisco	CE-500	1		No	Maneswar
391.	Switch	Cisco	CE-500	1		No	Jamankira
392.	Switch	Cisco	CE-500	1		No	Rairakhol
393.	Switch	Cisco	CE-500	1		No	Jujumara
394.	Switch	Cisco	CE-500	1		No	Birmaharajpur
395.	Switch	Cisco	CE-500	1		No	Tarva
396.	Switch	Cisco	CE-500	1		No	Binika
397.	Switch	Cisco	CE-500	1		No	Dungripalli
398.	Switch	Cisco	CE-500	1		No	Ullunda
399.	Switch	Cisco	CE-500	1		No	Balisankara
400.	Switch	Cisco	CE-500	1		No	Gurundia
401.	Switch	Cisco	CE-500	1		No	Baragaon
402.	Switch	Cisco	CE-500	1		No	Lephriipada
403.	Switch	Cisco	CE-500	1		No	Lahunipada
404.	Switch	Cisco	CE-500	1		No	Lathikata
405.	Switch	Cisco	CE-500	1		No	Bisra
406.	Switch	Cisco	CE-500	1		No	Koira
407.	Switch	Cisco	CE-500	1	No	Kutra	
408.	Switch	Cisco	CE-500	1	No	Rajgangpur	

Vertical Horizontal Office (VHO)

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance With IPv6 (Yes/No)	Location
1.	Router	Cisco	1841	1	ISO Version 12.4,64 MB Flash, 128 MB RAM,2HWIC/2Nos10/100 Fast Ethernet	No	RDC
2.	Router	Cisco	1841	1		No	Tehsil
3.	Router	Cisco	1841	1		No	Orissa State Legal Service Authority
4.	Router	Cisco	1841	1		No	CDMO,, ADMO
5.	Router	Cisco	1841	1		No	Circuit House
6.	Router	Cisco	1841	1		No	Cuttack Medical College
7.	Router	Cisco	1841	1		No	Director Fisheries
8.	Router	Cisco	1841	1		No	Chief Divisonal Vetirnery Officer
9.	Router	Cisco	1841	1		No	Board of Secondary Education
10.	Router	Cisco	1841	1		No	PHD Office
11.	Router	Cisco	1841	1		No	Sadar Block
12.	Router	Cisco	1841	1		No	Dist Industries center shited to OPSC
13.	Router	Cisco	1841	1		No	Municipalpty
14.	Router	Cisco	1841	1		No	Cuttack Development Authority
15.	Router	Cisco	1841	1		No	Collectorate Residence
16.	Router	Cisco	1841	1		No	RDC
17.	Router	Cisco	1841	1		No	BDA Town Planning
18.	Router	Cisco	1841	1		No	SP Vigilance office
19.	Router	Cisco	1841	1		No	EE R&B 1
20.	Router	Cisco	1841	1		No	SP Office
21.	Router	Cisco	1841	1		No	Dy Director Agriculture Office
22.	Router	Cisco	1841	1		No	District Industries Center
23.	Router	Cisco	1841	1		No	RWD Office
24.	Router	Cisco	1841	1		No	Berhampur University
25.	Router	Cisco	1841	1		No	CDMO Office

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance With IPv6 (Yes/No)	Location
26.	Router	Cisco	1841	1		No	Asst. Labour Commisioner office
27.	Router	Cisco	1841	1		No	Municipality Office
28.	Router	Cisco	1841	1		No	Chief Minister Residence
29.	Router	Cisco	1841	1		No	Chief Medical Officer
30.	Router	Cisco	1841	1		No	Director, Factories and Boilers
31.	Router	Cisco	1841	1		No	Arbitration Tribunal
32.	Router	Cisco	1841	1		No	Industrial Promotion and Investment Corporation
33.	Router	Cisco	1841	1		No	Deputy Commissioner of Police)
34.	Router	Cisco	1841	1		No	Orissa Remote Sensing applications)
35.	Router	Cisco	1841	1		No	Principal Chief Conservator of Forests(PCCF)
36.	Router	Cisco	1841	1		No	Council of Higher Secondary Education
37.	Router	Cisco	1841	1		No	Bhubneswar Development Authority
38.	Router	Cisco	1841	1		No	Principal Chief Conservator of Forests (Wild life)and Chief Wildlife warden
39.	Router	Cisco	1841	1		No	Directorate of Horticulture
40.	Router	Cisco	1841	1		No	Orissa Electricity Regulatory Commission
41.	Router	Cisco	1841	1		No	Commercial Tax office
42.	Router	Cisco	1841	1		No	Sub collector Office
43.	Router	Cisco	1841	1		No	Bhubaneswar Municipal Corporation
44.	Router	Cisco	1841	1		No	CE(RW)
45.	Router	Cisco	1841	1		No	Fire Station
46.	Router	Cisco	1841	1		No	State Forensic Science Laboratory

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance With IPv6 (Yes/No)	Location	
47.	Router	Cisco	1841	1		No	University	
48.	Router	Cisco	1841	1		No	Tahasil	
49.	Router	Cisco	1841	1		No	S.E. PWD	
50.	Router	Cisco	1841	1		No	RWSS Office	
51.	Router	Cisco	1841	1		No	RDC Res.	
52.	Router	Cisco	1841	1		No	Hirakude	
53.	Router	Cisco	1841	1		No	Geology	
54.	Router	Cisco	1841	1		No	Dhanakuda	
55.	Router	Cisco	1841	1		No	DAM Office	
56.	Router	Cisco	1841	1		No	Conservater Of Forest	
57.	Router	Cisco	1841	1		No	Collectorate Residence	
58.	Router	Cisco	1841	1		No	CDVO	
59.	Router	Cisco	1841	1		No	CDMO	
60.	Router	Cisco	1841	1		ISO Version12.2,24port Fast Eth, 2 SFP Port,4 POE Port, Support Vlan, STP,SNMP	No	Agriculture Office
61.	Switch	Cisco	CE-500	1		No	RDC	
62.	Switch	Cisco	CE-500	1		No	Tehsil	
63.	Switch	Cisco	CE-500	1		No	Orissa State Legal Service Authority	
64.	Switch	Cisco	CE-500	1		No	CDMO,, ADMO	
65.	Switch	Cisco	CE-500	1		No	Circuit House	
66.	Switch	Cisco	CE-500	1		No	Cuttack Medical College	
67.	Switch	Cisco	CE-500	1	No	Director Fisheries		
68.	Switch	Cisco	CE-500	1	No	Chief Divisonal Vetirnery Officer		
69.	Switch	Cisco	CE-500	1	No	Board of Secondary Education		
70.	Switch	Cisco	CE-500	1	No	PHD Office		
71.	Switch	Cisco	CE-500	1	No	Sadar Block		
72.	Switch	Cisco	CE-500	1	No	Dist Industries center shited to OPSC		

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance With IPv6 (Yes/No)	Location
73.	Switch	Cisco	CE-500	1		No	Municipalty
74.	Switch	Cisco	CE-500	1		No	Cuttack Development Authority
75.	Switch	Cisco	CE-500	1		No	Collectorate Residence
76.	Switch	Cisco	CE-500	1		No	RDC
77.	Switch	Cisco	CE-500	1		No	BDA Town Planning
78.	Switch	Cisco	CE-500	1		No	SP Vigilance office
79.	Switch	Cisco	CE-500	1		No	EE R&B 1
80.	Switch	Cisco	CE-500	1		No	SP Office
81.	Switch	Cisco	CE-500	1		No	Dy Director Agriculture Office
82.	Switch	Cisco	CE-500	1		No	District Industries Center
83.	Switch	Cisco	CE-500	1		No	RWD Office
84.	Switch	Cisco	CE-500	1		No	Berhampur University
85.	Switch	Cisco	CE-500	1		No	CDMO Office
86.	Switch	Cisco	CE-500	1		No	Asst. Labour Commisioner office
87.	Switch	Cisco	CE-500	1		No	Municipalty Office
88.	Switch	Cisco	CE-500	1		No	Chief Minister Residence
89.	Switch	Cisco	CE-500	1		No	Chief Medical Officer
90.	Switch	Cisco	CE-500	1		No	Director, Factories and Boilers
91.	Switch	Cisco	CE-500	1		No	Arbitration Tribunal
92.	Switch	Cisco	CE-500	1		No	Industrial Promotion and Investment Corporation
93.	Switch	Cisco	CE-500	1		No	Deputy Commissioner of Police)
94.	Switch	Cisco	CE-500	1		No	Orissa Remote Sensing applications)
95.	Switch	Cisco	CE-500	1		No	Principal Chief Conservator of Forests(PCCF)
96.	Switch	Cisco	CE-500	1		No	Council of Higher Secondary

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance With IPv6 (Yes/No)	Location
							Education
97.	Switch	Cisco	CE-500	1		No	Bhubneswar Development Authority
98.	Switch	Cisco	CE-500	1		No	Principal Chief Conservator of Forests (Wild life)and Chief Wildlife warden
99.	Switch	Cisco	CE-500	1		No	Directorate of Horticulture
100.	Switch	Cisco	CE-500	1		No	Orissa Electricity Regulatory Commission
101.	Switch	Cisco	CE-500	1		No	Commercial Tax office
102.	Switch	Cisco	CE-500	1		No	Sub collector Office
103.	Switch	Cisco	CE-500	1		No	Bhubaneswar Municipal Corporation
104.	Switch	Cisco	CE-500	1		No	CE(RW)
105.	Switch	Cisco	CE-500	1		No	Fire Station
106.	Switch	Cisco	CE-500	1		No	State Forensic Science Laboratory
107.	Switch	Cisco	CE-500	1		No	University
108.	Switch	Cisco	CE-500	1		No	Tahasil
109.	Switch	Cisco	CE-500	1		No	S.E. PWD
110.	Switch	Cisco	CE-500	1		No	RWSS Office
111.	Switch	Cisco	CE-500	1		No	RDC Res.
112.	Switch	Cisco	CE-500	1		No	Hirakude
113.	Switch	Cisco	CE-500	1		No	Geology
114.	Switch	Cisco	CE-500	1		No	Dhanakuda
115.	Switch	Cisco	CE-500	1		No	DAM Office
116.	Switch	Cisco	CE-500	1		No	Conservater Of Forest
117.	Switch	Cisco	CE-500	1		No	Collectorate Residence
118.	Switch	Cisco	CE-500	1		No	CDVO
119.	Switch	Cisco	CE-500	1		No	CDMO

S. No.	Item	Make	Model	Quantity	Technical Specifications	Compliance With IPv6 (Yes/No)	Location
120.	Switch	Cisco	CE-500	1		No	Agriculture Office