



GWALIOR SMART CITY DEVELOPMENT CORPORATION LIMITED

Request for Proposal For

**Supply, Installation, Commissioning and Maintenance of IT
Network Infrastructure and Computer Hardware for
GSCDCL Office, Gwalior Smart City Development
Corporation Limited
(GSCDCL)**

NIT No: GSCDCL/008/2017 dated 24 Aug 2017

Gwalior Smart City Development Corporation Limited, Gwalior
Nagar Nigam Office, City Centre, Gwalior, Madhya Pradesh, 474003
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RFP for Supply, Installation, Commissioning and Maintenance of IT Network
Infrastructure and Computer Hardware for GSCDCL Office



Gwalior Smart City Development Corporation Limited

Email:gscdcltender@gmail.com; Phone:0751 2438386

NOTICE INVITNG TENDER ("NIT")

NIT No.GSCDCL/008/2017

Date: 24 Aug 2017

Gwalior Smart City Development Corporation Limited (GSCDCL) invites online bids from eligible bidders through www.mpeproc.gov.in for **"Supply, Installation, Commissioning and Maintenance of IT Network Infrastructure and Computer Hardware for GSCDCL Office, Gwalior Smart City Development Corporation Limited"**.

The details are as under.

| Sr.No. | Event's Name | Information |
|--------|--|--|
| 1. | Estimated Cost of the work | Rs.1,40,00,000/- (Rupees One Crore and Forty Lakhs Only) |
| 2. | Tender document Fee | Rs.12,500/- through Online e-Tendering Payment Gateway only |
| 3. | Earnest Money Deposit (EMD) | Rs. 1,40,000 /- (One Lakh Fourty Thousand Only) |
| 4. | Last date for sending pre-bid queries | 01st Aug 2017 ; 15:00 PM |
| 5. | Date, Time & Place of Pre-bid Meeting | 03rd Aug 2017 ; 13:00 PM |
| 6. | Last date for Online Purchase of Tender Document | 21st Aug 2017 ; 14:00 PM |
| 7. | Last date of Online Submission of Bids | 21st Aug 2017 ; 15:00 PM |
| 8. | Last date of EMD + Hard Copy (Pre-Qualification and Technical Proposal) Submission of Bids | 24th Aug 2017 ; 15:00 PM |
| 9. | Date & Time for Opening of Pre-Qualification and Technical Proposal | 24th Aug 2017 ; 16:00 PM |
| 10. | Date & Time for Opening of Financial Proposals | Will be intimated later to the technically qualified bidders |

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Executive Director

Gwalior Smart City Development Corporation Limited

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DISCLAIMER

Gwalior Smart City Proposal (SCP) has been selected to implement the Area Based Development (ABD) and Pan-City proposals by Government of India under Smart City Mission (SCM). Gwalior SCP proposed smart solutions in ABD and pan-city to provide various Smart features/infrastructure.

To implement Smart City projects in Gwalior, Gwalior Municipal Corporation and Madhya Pradesh Urban Development Corporation have formed a SPV called Gwalior Smart City Development Corporation Ltd. ("GSCDCL"/ "Authority").

The information contained in this Request for Proposal (the "RFP") document or subsequently provided in writing to the Bidder(s), by or on behalf of the Authority or any of its employees or advisors, is provided to Bidder(s) on the terms and conditions set out in this RFP and such other terms and conditions subject to which such information is provided.

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

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

The Authority, its employees and advisors make no representation or warranty and shall have no liability to any person, including any Applicant or Bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this RFP or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the RFP and any assessment, assumption, statement or information contained therein or deemed to form part of this RFP or arising in any way for participation in this Bid Stage.

The Authority also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Bidder upon the statements contained in this RFP. The Authority may in its absolute discretion, but without being under any obligation to do

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so, update, amend or supplement the information, assessment or assumptions contained in this RFP.

The issue of this RFP does not imply that the Authority is bound to select a Bidder or to appoint the Successful Bidder ("Contractor"), as the case may be, for the Project and the Authority reserves the right to reject all or any of the Bidders or Bids without assigning any reason whatsoever.

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

Definition of Terms

1. **Agreement/Contract** means; the Contract entered into between the successful bidder and GSCDCL with the entire documentation specified in the RFP.
2. **Applicable Law(s)** means; any statute, law, ordinance, notification, rule, regulation, judgment, order, decree, bye-law, approval, directive, guideline, policy, requirement 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 the execution of this Agreement and during the subsistence thereof, applicable to the Project.
3. **Authority** means; the Gwalior Smart City Development Corporation Limited (GSCDCL). The project shall be executed in Gwalior.
4. **Contract Value** means; the price payable to the successful bidder under this Contract for the full and proper performance of its contractual obligations.
5. **Document** means; any embodiment of any text or image however recorded and includes any data, text, images, sound, voice, codes, databases or any other electronic documents as per the Information Technology Act, 2000.
6. **Service level agreement (SLA)** is the service level and performance commitment of a Master System Integrator (successful bidder) to the Authority that defines the performance output and availability of the deliveries and installations under this RFP Requirements.
7. **OEM** means; the Original Equipment Manufacturer of any equipment/ system/ software/ product which are providing such goods to the Authority under the scope of the RFP.
8. **Services** means; the work to be performed by the successful bidder pursuant to the RFP and to the contract to be signed by the parties in pursuance of any specific assignment awarded by the Authority.

Section 1.0

Instructions to Bidders

1. Instruction to Bidders

1.1. General Information and Guidelines

1.1.1. Purpose

The Authority seeks the services of a reputed company, for “**Supply, Installation, Commissioning and Maintenance of IT Network Infrastructure and Computer Hardware for GSCDCL Office, Gwalior Smart City Development Corporation Limited (GSCDCL)**”. This document provides information to enable the bidders to understand the broad requirements to submit their Proposals.

The detailed scope of work is provided in [Section 2.0](#) of this RFP document.

1.1.2. Consortium & Sub-Contracting

Consortium & Sub-Contracting is not allowed.

1.1.3. Completeness of Bid

The Bid should be complete in all respects. Failure to furnish all information required by the RFP document or submission of a proposal not substantially responsive to the RFP document in every respect will be at the Bidder's risk and may result in rejection of its Bid and forfeiture of the EMD.

1.1.4. Proposal Preparation Costs

- 1 The bidder shall submit the bid at its cost and expense. The Authority shall not be held responsible for any cost incurred by the bidder. Submission of a bid does not entitle the bidder to claim any cost and rights from the Authority.
- 2 All materials submitted by the bidder shall be the absolute property of the Authority and Authority shall have the right on the intellectual property right related matters on such materials..

1.1.5. Pre-bid Meeting and Queries

1. The Authority will host a Pre-Bid meeting as per the date mentioned in the RFP NIT. **The representatives, limited to 2**, of the interested organizations may attend the pre-bid conference at their own cost. The purpose of the conference is to provide bidders with information regarding the RFP and the proposed solution requirements in reference to the RFP. Pre-Bid meeting will also provide each bidder with an opportunity to seek clarifications regarding any aspect of the RFP and the project.
 2. All Bidder shall e-mail their queries to gscdcltender@gmail.com in the form and manner as prescribed in [Annexure 5](#). The response to the queries will be published on www.mpeproc.gov.in. No queries will be entertained thereafter. The responses of the Authority to the pre-bid queries shall become integral part of this RFP. The Authority shall not make any warranty as to the accuracy and completeness of responses.

3. The Authority shall endeavor to respond to the questions raised or clarifications sought by the Bidders. However, the Authority reserves the right not to respond to any question or provide any clarification, in its sole discretion, and nothing in this clause shall be taken or read as compelling or requiring the Authority to respond to any question or to provide any clarification.
4. The Authority may also on its own motion, if deemed necessary, issue interpretations and clarifications to all the Bidders. All clarifications and interpretations issued by the Authority shall be deemed to be part of this RFP. The verbal clarifications and information given by the Authority or its employees or representatives shall not in any way or in any manner be binding on the Authority.

1.1.6. Amendment of the RFP Document

- 1 All the amendments made in the document would be published on the e-Tendering Portal [www.mpeproc.gov.in] and shall be part of this RFP.
- 2 The Bidders are advised to visit the e-tendering portal on regular basis to check for necessary updates. The Authority also reserves the right to amend the dates mentioned in this RFP.

1.1.7. Supplementary Information to the RFP

If the Authority deems appropriate to revise any part of this RFP or to issue additional data to clarify any provision(s) of this RFP, it may issue supplements to this RFP. Any such corrigendum shall be deemed to be incorporated by this reference into this RFP.

1.1.8. Authority's Right to Terminate the Process

The Authority may terminate the RFP process at any time and without assigning any reason. The Authority reserves the right to amend/edit/add/delete any clause of this RFP Document. Any amendment, editing, addition, modification or deletion shall form an integral part of this RFP and would be published on the e-Tendering portal [www.mpeproc.gov.in].

1.1.9. Site Visit and Verification of Information

- a) The Bidders are encouraged to visit and examine the site or sites and obtain for itself, at its own responsibility and risk, all information that may be necessary for submission of the bid and entering into the Contract. The costs of visiting the site or sites shall be at the Bidder's own expense.

1.2. Key Requirements of the Bid

1.2.1. RFP Document/Tender Fee

RFP can be downloaded from the website www.mpeproc.gov.in. RFP Document Fee of

Rs. 12,500/- shall be paid through Online-Tendering Payment Gateway only. The RFP document fee shall be non-refundable. The RFP document is non-transferable.

1.2.2. Earnest Money Deposit (EMD)

- 1 In terms of this RFP, a Bidder is required to submit EMD of Rs.1,40,000/- (Rupees One Lakh Forty Thousand only) in the form of Demand Draft / Fixed Deposit Receipt (FDR) / e-FDR issued by any nationalized / scheduled commercial bank in favor of "**Executive Director, GSCDCL**", payable at Gwalior.
- 2 Unsuccessful Bidders' EMD will be returned within thirty (30) days after award of the contract and signing of the contract agreement. The EMD of the successful bidder would be returned upon submission of Performance Bank Guarantee (for an amount equal to 10% of Total Contract Value) in the format provided in [Annexure 8](#) of the RFP.
- 3 No interest will be paid by the Authority on the EMD amount.
- 4 The Bid submitted without EMD will be summarily rejected.
- 5 The EMD may be forfeited:
 - a. If a Bidder withdraws its bid or increases his quoted prices during the period of bid validity or its extended period, if any.
 - b. In case of a successful bidder, if the Bidder fails to sign the contract in accordance with the terms and conditions of this RFP.
 - c. If during the bid process, a bidder indulges in any such deliberate act as would jeopardize or unnecessarily delay the process of bid evaluation and finalization.
 - d. If, during the bid process, any information is found false/fraudulent/*mala fide*, [The Authority shall also reject the bid and, if necessary, initiate action.
- 6 The decision of the Authority regarding the forfeiture of EMD shall be final and binding upon all the bidders.

1.3. Bid Submission Instructions

1.3.1. Bid Submission Format

The entire Bid shall be submitted strictly as per the format specified in this RFP. Bids in deviation with the prescribed format are liable for rejection.

1.3.2. Bid Submission Instructions

1. The complete bidding process will be online (e-Tendering) in three cover system. Electronic and hard copy submission of bids shall be in accordance with the instructions given in the Table below:

| Particulars | Instructions |
|--|---|
| Cover 1 | Proof of submission of RFP Document Fee and Scanned copy of EMD |
| Cover 2: Pre-Qualification Proposal | The Pre-Qualification Proposal shall be prepared in accordance with the requirements specified in this RFP and the formats as prescribed in Annexure 1 of the RFP. Pre-Qualification Proposal should be submitted through online bid submission process and also in Hard Copy as per mentioned in the NIT. |
| Cover 3: Technical Proposal | The Technical Proposal shall be prepared in accordance with the requirements specified in this RFP and the formats are prescribed in Annexure 2 of the RFP. Technical Proposal should be submitted through online bid submission process and also in Hard Copy as per mentioned in the NIT. |
| Financial Proposal | The Financial Proposal shall be prepared in accordance with the requirements specified in this RFP and in the format prescribed in Annexure 3 of the RFP. Financial Proposal should be submitted online only . |

Note: The Authority will conduct the bid evaluation based on documents submitted through online e-tendering portal.

2. The following points shall be kept in mind for submission of bids;

- a. The Authority shall not accept delivery of Bids in any manner other than that specified in this RFP. Bid delivered in any other manner shall be treated as defective, invalid and rejected.
- b. The Bidder is expected to price all the items and services sought in the RFP and proposed in the technical proposal. The Bid should be comprehensive and inclusive of all the services to be provided by the Bidder as per the scope of work and in accordance with the terms and conditions as set out in the Contract, without any exclusions / omissions / exceptions.
- c. The Authority may seek clarifications from the Bidder on the technical proposal. Any of the clarifications by the Bidder on the technical proposal should not have any commercial implications. The Financial Proposal submitted by the Bidder should be inclusive of all the items

in the technical proposal and should incorporate all the clarifications provided by the Bidder on the technical proposal during the evaluation of the technical offer.

- d. Technical Proposal shall not contain any financial information.
- e. If any Bidder does not qualify the pre-qualification criteria stated in [Section 1.4.5](#) of this RFP, the technical and financial proposals of the Bidder shall not be opened. Similarly, if the Bidder does not meet the technical evaluation criteria, the financial proposal of the Bidder shall be unopened in the e-Tendering system.
- f. It is required that the all the proposals submitted in response to this RFP should be unconditional in all respects, failing which the Authority reserves the right to reject the proposal.

1.3.3. Late Bid and Bid Validity Period

The bids received after the due date and the specified time (including the extended period if any) for any reason whatsoever, shall not be entertained and shall not be opened in the e-Tendering system. The validity of the bids submitted before deadline shall be 180 days from the date of submission of the bid.

1.3.4. Modification and Withdrawal of Bids

No bid shall be withdrawn in the interval between the deadline for submission of bids and the expiration of the validity period specified by the Bidder on the bid form. Entire EMD shall be forfeited if any of the Bidders withdraws its bid during the validity period.

1.3.5. Non-conforming Bids

A bid may be construed as a non-conforming proposal and ineligible for consideration:

- a. If it does not comply with the requirements of this RFP.
- b. If the bid does not follow the format requested in this RFP or does not appear to address the particular requirements of the Authority.

1.3.6. Language of Bids

The Bids should be submitted in English language only. If any supporting documents submitted are in any language other than English, then the translation of the same in English language is to be duly attested by the bidder and submitted with the bid, and English translation shall be validated at the discretion of the Authority.

1.3.7. Authentication of Bid

- a) The Authorized person(s) of the bidder who signs the bid shall obtain the authority letter from the bidder, which shall be submitted with the Bid. All pages of the bid and its annexures, etc. shall be signed and stamped by the person(s) signing the bid.
- b) The bidder should submit a Power of Attorney as per the format set forth in [Annexure 6](#), authorizing the signatory of the Bid to commit on behalf of the Bidder.

1.3.8. Acknowledgement of Understanding of Terms

By submitting a Bid, each Bidder shall be deemed to acknowledge that he has carefully read all sections of this RFP, including all forms, schedules, annexure, corrigendum and addendums (if any) hereto, and has fully informed itself as to all existing conditions and limitations.

1.4. Evaluation Process

- a. The Authority will constitute a Bid Evaluation Committee (BEC) to evaluate the responses of the bidders.
- b. The BEC constituted by the Authority shall evaluate the responses to the RFP and all supporting documents/ documentary evidence. Inability to submit requisite supporting documents/ documentary evidence, may lead to rejection.
- c. The decision of the BEC in the evaluation of responses to the RFP shall be final. No correspondence shall be entertained outside the process of negotiation/ discussion with the BEC.
- d. The BEC may seek clarifications from any bidder with regard to the proposal and reserves the right to visit client of the bidder to validate the credentials/ citations that may have been claimed by the bidder.
- e. Each of the responses shall be evaluated as per the criteria and requirements specified in this RFP.

1.4.1. Bid Opening

- a. Total transparency shall be observed and ensured while opening the Bids. All Bids shall be opened in the presence of the bidder's representatives who choose to attend the bid opening sessions on the specified date, time and address.
- b. The Authority reserves the rights at all times to postpone or cancel a scheduled Bid opening.
- c. The bid opening shall be conducted in 2 (Two) Stages;

- Stage 1 - RFP Document fee & Bid Security/EMD, Pre-Qualification Proposal and Technical Proposal
 - Stage 2- Financial Proposal (online)
- d. The venue, date and time for opening the Pre-qualification Proposal are mentioned in the Tender Notice in the RFP Volume I. The date and time for opening the Financial Proposals would be communicated to the qualified bidders.
- e. The Bidder's representatives who choose to attend and are present shall sign a register evidencing their attendance. In the event of the specified date of Bid opening being declared a holiday for the Authority, the bids shall be opened at the same time and location on the next working day. In addition to that, if the representative of the Bidder remains absent, the Authority will continue with the process and shall open the bids of the all bidders.
- f. During bid opening, preliminary scrutiny of the bid documents shall be made to determine whether required EMD has been furnished, whether the Documents have been properly signed, and whether the bids are generally in order. It is clarified that in case of discrepancy in the documents submitted offline (hard copy) and online, the contents of online bid shall prevail.

1.4.2. Evaluation of Pre-Qualification Proposals

- a. The Authority shall open Cover 1 marked "RFP Document Fee and Earnest Money Deposit (EMD)". If the contents of the **Cover 1** are as per requirements of the RFP, AUTHORITY shall open **Cover 2** marked "Pre-Qualification Proposal". ***Each of the Pre-Qualification condition mentioned in Section 1.4.5 of the RFP is MANDATORY.*** In case the Bidder does not meet any one of the conditions, the bidder will be disqualified.
- b. The Pre-Qualification proposal **MUST** contain all the documents in compliance with instructions given in the [Annexure 1](#).
- c. Response to the Pre-Qualification Requirements shall be evaluated in accordance with the requirements specified in this RFP and in the manner prescribed in [Section 1.4.5](#) of the RFP.
- d. The Bidders are required to submit all required documentation in support of the evaluation criteria specified (e.g. Detailed Project citations and copy of work order, client contact information for verification, and all other components) as required for technical evaluation.

1.4.3. Technical Proposal Evaluation

The evaluation of the Technical Proposals will be carried out in the following manner:

- a. The Bidders' technical proposal will be evaluated as per [Annexure 2.0](#) in this RFP. The Bidders are required to submit all required documentation in support of the evaluation

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criteria specified (e.g. detailed specification of hardware, certifications for hardware supplied etc.) as required for technical evaluation.

- b At any time during the bid evaluation process, the Bid Evaluation Committee (BEC) may seek written clarifications from the Bidders.

1.4.4. Financial Proposal Evaluation

- a The Financial Proposal of only the technically qualified Bidders will be opened for evaluation.
- b Of all the Financial Proposals opened, the Bidder whose financial bid is lowest (hereby referred to as L1 Bidder) for total line item (i.e. combined total) mentioned in the financial proposal will be considered eligible for negotiations and award of contract after the negotiations.
- c However, if the L1 bidder is not the lowest in any of the line item of the financial proposal, then the Authority has discretion to negotiate with L1 bidder for that particular line item and ask him to match the lowest price for that line item.
- d If negotiation fails with L1 bidder for the particular line item then the Authority, at its discretion may or may not give work order for any or all items quoted by bidder.
- e If bidder, after negotiation, fails to qualify as L1 for each of the line item mentioned in Financial Proposal, The Authority, at its discretion, may consider next-ranked bidder for the other line item and issue work order for relevant line item separately. Accordingly, the contract value, Performance Bank Guarantee, Scope of Work and other associated terms will be determined.
- f If there is a discrepancy between words and figures, the amount in words shall prevail. For any other calculation/ summation error etc. the bid may be rejected at the sole discretion of the Authority.

1.4.5. Pre-Qualification Criteria

Each bidder shall meet the following prequalification criteria:

| S. No. | Basic Requirement | Specific Requirements | Documents Required |
|--------|-------------------|--|---|
| PQ1 | Legal Entity | The Bidder should be an authorized representative of a manufacturer / whole sale dealer and should be in business of supply and maintenance of the offered items | <ul style="list-style-type: none"> • Copy of Certificate of Incorporation • Manufacturer's Authorization form |

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| S. No. | Basic Requirement | Specific Requirements | Documents Required |
|------------|----------------------|---|---|
| | | for a minimum period of 5 (five) years in India as on date of submission of the proposal. The Bidder should bear Company registered under Companies Act, 2013/ 1956 | specific to this tender should be submitted as per the Annexure 1.5 |
| PQ2 | Turnover | The Bidder should have average annual Turnover of Rs. 5 Crore for last 3 audited financial years (2013-14, 2014-15, 2015-16). | <ul style="list-style-type: none"> • Certificate from the Statutory Auditor / Chartered Accountant should be duly furnished |
| PQ3 | Net Worth | The Bidder should have positive Net Worth as per the last audited Balance Sheet. (Total assets minus total liabilities = net worth) | <ul style="list-style-type: none"> • Certificate from the Statutory Auditor / Chartered Accountant should be duly furnished |
| PQ4 | Experience | The Bidder should have worked on minimum of 3 projects related to supply and maintenance of Information Technology Hardware (having a minimum value of Rs.50 Lakhs each) (i.e. Computer, Printer etc.) to Central/State Government/ PSU/ ULB organization in the State of Madhya Pradesh in last 3 (Three) financial years (FY 2013-14, 2014-15 and 2015-16). | <ul style="list-style-type: none"> • Copy of Work Order/ Contract |
| | Experience | The Bidder should have worked on minimum of 3 projects related to setting up Information Technology Network Infrastructure for Central/State Government / PSU / ULB organization in the State of Madhya Pradesh in last 3 (Three) financial years (FY 2013-14, 2014-15 and 2015-16). | <ul style="list-style-type: none"> • Copy of Work Order/ Contract |
| PQ5 | Local Representation | The Bidder/ OEM should have minimum one Service center or one authorized service person in Gwalior / Madhya Pradesh as on | <ul style="list-style-type: none"> • Details of Service center, address and contact number to be provided for each proposed item |

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| S. No. | Basic Requirement | Specific Requirements | Documents Required |
|------------|-------------------|---|---|
| | | date of submission of the proposal. | |
| PQ6 | Blacklisting | The Bidder should not have been blacklisted by any Central / State Government / PSU / ULB in India or similar agencies globally for unsatisfactory performance, corrupt, fraudulent or any other unethical business practices as on date of submission of the proposal. | <ul style="list-style-type: none"> Undertaking by the authorized signatory as per the format given as Annexure 4 |

1.4.6. Eligible Goods and Services, and OEM Criteria

- a. The Bidder shall quote only one specific make and model from only one specific OEM, for each of the goods. Providing more than one option shall not be allowed. All goods quoted by the Bidder must be associated with item code and names and with printed literature describing configuration and functionality. Any deviation from the printed specifications should be clearly mentioned in the offer document by the Bidder.
- b. The OEM for each products or technology quoted should be in the business of that product or solution or technology for at least 3 (Three) years as on the date of release of the RFP.
- c. All the OEMs should have authorized presence in India either directly or through channel partner(s) as on the date of release of RFP.
- d. The OEM for all active components should give a declaration that products or technology quoted are neither end-of-sale nor end-of-life as on the date of installation and commissioning and are not end-of-support till the successful completion of O&M period of the project as [Annexure 1.5](#) in the RFP
- e. The Bidder's proposed OEM should not have been blacklisted by any State / Central Government Department or Central /State PSUs as on bid submission date.
- f. **Adequate supporting documents pertaining to the above points, along with a summary compliance table, should be submitted in the proposal by the bidder.**

1.5. Award of Contract

1.5.1. Award Criteria

Post the evaluation process and negotiations indicated in Section 1.4 above, the Authority will award the Contract to the Bidder whose Proposal has been determined to be technically

responsive to the requirements of the RFP and financially the lowest price, hereby referred to as the 'Successful Bidder'.

1.5.2. Letter of Acceptance ("LOA")

Prior to the expiration of the period of bid validity, the Authority will notify the successful bidder in writing or by fax or email, that its bid has been accepted. LoA will constitute the formation of the contract. Upon the successful bidder's furnishing of Performance Bank Guarantee, the Authority will promptly notify each unsuccessful bidder.

1.5.3. Signing of Contract

The Authority shall notify the successful bidder that its bid has been accepted. The successful bidder shall enter into contract agreement with the Authority within the time frame mentioned in the Letter of Acceptance issued to the successful bidder by the Authority. Upon the successful bidder's executing the Contract, the Authority will promptly return the EMD of unsuccessful bidder.

1.5.4. Failure to Agree With the Terms & Conditions of the RFP/ Contract

Failure of the successful bidder to agree with the Terms & Conditions of the RFP / Contract shall constitute sufficient grounds for the annulment of the award, in such an event the Authority may invite the next best bidder for negotiations or may call for fresh RFP.

1.5.5. The Authority's Right to Accept any Bid and to Reject any or All Bids

The Authority reserves the right to accept or reject any Bid, and to annul the bidding process and reject any or 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 Authority's action.

1.6. Performance Bank Guarantee

- a) Within fifteen (15) working days from the date of issuance of LoA, the Successful Bidder shall at its own expense submit unconditional and irrevocable Performance Bank Guarantee (PBG) for an amount equivalent to 10% of contract value to the Authority.
- b) The PBG shall be from a Nationalized Bank or a Scheduled Commercial Bank in the format prescribed in [Annexure 8](#), payable on demand, for the due performance and fulfillment of the Contract by the Successful Bidder.
- c) All charges whatsoever such as premium; commission etc. with respect to the PBG shall be borne by the Successful Bidder.

- d) The PBG shall be valid till satisfactory completion of Post Implementation Support. The PBG may be discharged/returned by the Authority upon being satisfied that there has been due performance of the obligations of the bidder under the contract. However, no interest shall be payable on the PBG. The PBG shall be valid only up to the completion of the period of 'Go- Live' + 36 months for the project.
- e) In case the project is extended after the project schedule as mentioned in the RFP, the PBG shall be accordingly extended by the Successful Bidder till the extended period.
- f) In the event of the Bidder being unable to service the contract for whatever reason the Authority reserves the absolute right to invoke the PBG. Notwithstanding and without prejudice to any rights whatsoever of the Authority under the contract in the matter, the proceeds of the PBG shall be payable to Authority as compensation for any loss resulting from the bidder's failure to complete its obligations under the Contract. The Authority shall notify the bidder in writing of the exercise of its right to receive such compensation within 14 (fourteen) days, indicating the contractual obligation(s) for which the Bidder is in default.
- g) The Authority shall also be entitled to make recoveries from the bidder's bills, PBG, or from any other amount due to him, the equivalent value of any payment made to him due to inadvertence, error, collusion, misconstruction or misstatement.
- h) On satisfactory performance and completion of the order in all respects and duly certified to this effect by the Authority, a Contract Completion Certificate shall be issued and the PBG would be returned to the Successful Bidder.

1.7. Right to Vary Quantity

- a) After the award of contract, the quantity of goods, works or services originally specified in the bidding documents may be increased / decreased upto 10%, as necessary. It shall be without any change in the unit prices or other terms and conditions of the Bid and the bidding documents.
- b) If the Authority does not procure any subject matter of procurement or procures less than the quantity specified in the bidding documents due to change in circumstances, the bidder shall not be entitled for any claim or compensation except otherwise provided in this RFP.
- c) Repeat orders for extra items or additional quantities may be placed RFP, on the rates and conditions given in the contract. Delivery or completion period may also be proportionally increased.

Section 2.0

Scope of Work

2. Scope of Work

The responsibilities of the bidder shall include;

- a. Delivering, installing, and commissioning quoted brand new and standard goods without any damage as per specified configuration in this RFP at GSCDCL, City Centre, Gwalior, Madhya Pradesh office or any other place as directed by the Authority.
- b. Successful Bidder shall integrate the hardware and peripherals supplied by it to make the system fully operational. However, in case of problems with machines and / or equipment, it will be the bidder responsibility to troubleshoot the exact nature of the problem(s) and rectify the same or replace the equipment, if required. The Successful Bidder should also notify the Authority in writing of such instances.
- c. Scope also includes installing operating system or downgrading the operating system if required, installation of drivers and utility software, installation of MS office software, installation of latest drivers/utility software patches or updates at earliest available/released, providing and installing antivirus and its upgrades and maintain the security of the supplied hardware.
 - Develop the schematic IT solutions into a detailed design and calculation and shall incorporate any changes requested by the Client.
 - Providing complete network diagram including detailed technical documentation, survey, and drawing and detailed Project Plan for all the network identified locations mentioned.
 - Survey of the defined locations to ascertain number of Access Points and Network port, switches and WiFi zone within the Authority's Office or any other place as directed by the Authority. The Successful Bidder should ensure maximum coverage and excellent network strength. This shall be done in consultation with the officials of the Authority.
 - Installation, integration, testing, commissioning and maintenance of all products required for enabling 24x7 IT services at identified locations. These include but are not limited to IT, telecom, networking, peripheral hardware and software products and applications.
 - Network backbone infrastructure setup and procurement of bandwidth line as a service by the Successful Bidder.
 - Provide the list of finalized specifications, schedules, cost estimates, Bill of Quantity and performance of system to meet the expectations of the Authority.
 - Provide detailed electrical points and network cable, explanation on how the network integration identified as energy efficient, future enhancement in IT infrastructure keeping in mind and operational cost for the equipment.
 - Identify a suitable and safe location for the electrical control panel. Site acceptance tests to establish satisfactory performance of the equipment's as per specs.
 - Onsite warranty for all Installation and Hardware delivered for minimum 5 years.
 - Network shall be designed keeping in view the peak load conditions for future projects specially command centre.

- Backup software must support GUI with centralized management / Single interface for management of all backup activities.
- The offered software must support Advanced sharing of different media across the environment (disk, tape and optical). The offered software must support multiple level of backups including full, incremental, differential and synthetic full.
- The offered software must provide Backup master server in HA/ DR capability. License must be included in proposed solution.
- The proposed solution must support data archival for inactive data based on age or quota with seamless access on multiplatform (Windows, Linux and Unix).
- The proposed solution must have inbuilt Ransomware detection capability
- Proposed backup solution must have inbuilt capability to protect the backed up volume from Ransomware.
- The network should support Low Power WAN. The few common technical specifications/parameters of networks like LoRa, LoRa WAN, Biddergfox, Weightless, Narrow Band internet of things (IoT) and likewise.
- The specification towards LPWAN should be:
 - i. Higher capacity towards number of nodes that can communicate
 - ii. Long battery life
 - iii. Low interference
 - iv. Operational into the free wireless band
 - v. Secure bi-directional communication
 - vi. Localization services
- Ability to integrate with other backend broadband IT / Wi-Fi network
- Longer battery life for end-devices/nodes
- Scope of Work shall also include
 - i. Site acceptance tests to establish satisfactory performance of the equipment's as per specs.
 - ii. Onsite warranty for all Installation and Hardware delivered, full time 2 (two) network engineer well versed with troubleshooting of Networking, Hardware and Software service.
 - iii. The bidder will make the city office infrastructure and network and broadband services environment available for user access without any break.
 - iv. The bidder will manage maintenance and back-up for the network environment. The bidder is required to provide complete documentation of network infra, broadband services and security patches and disaster management recovery process.

2.1. Warranty Support

- a. Warranty period is for 5 (Five) years, 100% comprehensive (including Spares-Parts/Service/ Labour/On-site) for all the items of Bill of Quantity from the date of installation of items as per the requirement of the Authority, without any extra cost.

- b. Successful Bidder will be responsible to troubleshoot any technical issues pertaining to hardware malfunctioning or Operating System (OS) issues or Application installations issues, updating and any other similar issues during the contract period. The scope of such troubleshooting and technical support will also include activities such as installation/re-installation/up-gradation/down-gradation of OS, patches, bug fixes, installation of Licensed MS Office software as per RFPspecs, configuration to network, driver installation, updating antivirus, printer configuration/installation, backup and restore of data during troubleshooting, if required, due to any reason what-so-ever.
- c. Successful bidder must provide genuine, legal, perpetual, full use licenses for Operating System pre-installed with all the All-In-One Computers & Workstation supplied.
- d. Mean Time Between Failures (MTBF): If during contract period, any equipment has a hardware failure on four or more occasions in a period of less than three months, it shall be replaced by equivalent or higher-level new equipment by the Successful Bidder at zerocost.
- e. Successful bidder must provide genuine, legal, perpetual, full use licenses for Antivirus as per specifications with the latest updates.
- f. Successful bidder should conduct the preventive maintenance activity as mentioned in warranty of equipment/SLA clauses of this RFP.
- g. The Successful Bidder shall develop and maintain an inventory database to include the registered hardware warranties.
- h. Provide handholding support as on a need basis.

2.2. Quality of Goods & Services

- a. The equipment/goods must conform to the specifications given and of desired quality standards. The Successful Bidder shall guarantee that the goods delivered to the Authorityis/are brand new and without any damages.
- b. Consistency in delivery shall be maintained for the entire lot of products ordered. All the required quantity of equipment/s as per requirement shall be of the same brand and model number. The Successful Bidder shall not substitute any internal components or sub-systems of the product by similar items of different manufacturer/s.
- c. Successful bidder as well as the OEM shall be jointly and severally responsible for and quality of the supply

2.3. Delivery and Installation Period

Successful Bidder shall deliver, install and commission the goods/services within 90 Days from the date receipt of LoA.

2.4. Bill of Quantity

| S No | Item | Quantity |
|------|---|--------------------------|
| 1 | All-In-One Computers | 35 |
| 2 | High-end Workstation | 5 |
| 3 | 1 KVA UPS | 40 |
| 4 | LAPTOP | 10 |
| 5 | LED TV | 4 |
| 6 | Projector& Projector Screen | 2 + 2 |
| 7 | Display Board | 1 |
| 8 | Cordless Phone | 7 |
| 9 | Table Phone | 20 |
| 10 | WiFi Zone | 5 |
| 11 | AC | 17 |
| 12 | Photocopy Machine& Printer (All-in - One) | 4 |
| 13 | Color MFP Printer | 8 |
| 14 | Patch Panel | 4 |
| 15 | Network Router | 1 |
| 16 | 42U Server Rack | 1 |
| 17 | L2 SWITCHING SPECIFICATION | 4 |
| 18 | Firewall UTM | 1 |
| 19 | Broad Band Service | 2 (Any service provider) |
| 20 | Smoke Detector with Panel & accessories | 2 |
| 21 | CCTV Surveillance with DVR | 5 |
| 22 | Traffic Shaper | 1 |
| 23 | 20 KVA UPS | 1 |
| 24 | Patch Cords 1mtr | 70 |
| 25 | Patch Cords 3mtr | 70 |
| 26 | 9U Network Rack | 1 |
| 27 | IO with Single Face Plate & Surface BOX | 70 |
| 28 | IP Based Communication Server | 1 |

2.5. Technical Specifications

2.5.1. High-end Workstation

| | | |
|---|-----------------------|--|
| 1 | Operating System (OS) | Windows 10 Pro 64 bit |
| 2 | CPU | Intel Core i7 6700 with 3.60 GHz and 8MB Cache or better |

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| | | |
|----|--------------------|--|
| 3 | Memory | 32 GB DDR4 RAM |
| 4 | Storage | 1TB 7200RPM SATA |
| 5 | Mouse | Wired - USB 2 Button optical Scroll Mouse with mouse pad |
| 6 | Keyboard | Wired - USB 104 or more Etched keys bilingual compact and light weight keyboard with Indian Rupees symbol. |
| 7 | Graphics Card | High quality 8 GB Professional Certified Quadro Graphics Card |
| 8 | Monitor | TFT LED22" or Higher |
| 9 | Ports | 6 USB ports with USB 3.0 Ports (at least 2), (1) RJ-45, audio in/out, headphone and microphone. HDMI Port (1), Serial Port (1), VGA Port (1) |
| 10 | Optical Drive | 8X DVD Writer Drive |
| 11 | Audio | Integrated High Definition audio |
| 12 | Network connection | Gigabit Ethernet (GigE) network connection required |
| 13 | Wireless LAN/WAN | Intel 3165 AC (1x1), Bluetooth 4.0 or better |
| 14 | Security | Serial, USB enable/disable |
| 15 | Certification | Certification Energy star 5.0/BEE star certified, Power supply should not be more than 400 Watt |
| 16 | Support & Warranty | 5 (Five) Years onsite 100% comprehensive warranty after successful commissioning of system. |
| 17 | Antivirus | 3 (Three) year Antivirus license from top 5 Antivirus solution provider as per last two Quarter IDC report |
| 18 | Other Software | Latest perpetual license version of MS Office (with minimum MS Word, MS Excel, MS Power Point) and Latest version of Adobe Acrobat Reader. |
| 19 | Preferred Make | Proposed make should be from top 5 brands as per IDC Market Analysis Report for India for Q4 2016. |

2.5.2. All-In-One Computer

| S No | Parameter | Minimum Specifications |
|------|-----------------------|--|
| 1 | Operating System (OS) | Windows 10 Pro 64 bit downgrade able to Win7 Pro 64 bit if required |
| 2 | CPU | Intel Core i5-7500T (QC/6MB/4T/2.7GHz/35W) |
| 3 | Memory | 4 GB DDR4 RAM or Higher at 2400 Mhz |
| 4 | Storage | 500 GB 7200RPM SATA |
| 5 | Mouse | Wired - USB 2 Button optical Scroll Mouse with mouse pad |
| 6 | Keyboard | Wired - USB 104 or more Etched keys bilingual compact and light weight keyboard with Indian Rupees symbol. |
| 7 | Graphics Card | Intel HD Graphics 4600 or higher |

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| | | |
|----|---------------------|--|
| 8 | Monitor | Screen Size: 19.5" or higher LED monitor with 5ms or better response time. Resolution : 16:9 Ratio |
| 9 | Ports | 4 USB ports with USB 3.0 Ports (at least 2), (1) RJ-45, audio in/out, headphone and microphone. Display Port (On board/Adapter), Serial Port (1), VGA Port (1). |
| 10 | Optical Drive | 8X DVD Writer Drive |
| 11 | Audio | Integrated High Definition audio |
| 12 | Network connection | Gigabit Ethernet (GigE) network connection required |
| 13 | Wireless LAN/WAN | Inbuilt Wi-Fi with Bluetooth - 802.11b/g/n |
| 14 | Security | Serial, Parallel, USB enable/disable |
| 15 | Certification | Certification Energy star 5.0/BEE star certified |
| 16 | Support & Warranty | 5 (Five) Years onsite 100% comprehensive warranty after successful commissioning of system. |
| 17 | Antivirus | 3 (Three) year Antivirus license from top 5 Antivirus solution provider as per last two Quarter IDC report |
| 18 | Pre-loaded software | Latest version of MS Office (with minimum MS Word, MS Excel, MS Power Point), Latest version of Adobe Acrobat Reader, These software shall be preloaded (at the facility of OEM or any other |

2.5.3. Laptop

| S.no | Item | Description |
|------|---------------------|--|
| 1 | Processor | 6th Generation Intel® Core™ i5-6200U (Dual Core, 2.3GHz, 3MB cache) |
| 2 | Chipset | Integrated |
| 3 | Memory | 4GB (1x4GB) 1600MHz DDR3L Memory, 2 Slots Expandable to 16GB |
| 4 | Graphics | Integrated HD Graphics 5500 |
| 5 | Hard Drive | 128GB 2.5 inch SATA Solid State Drive |
| 6 | Screen | 14.0 inch Non-Touch HD (1366x768) Anti-Glare WLED |
| 7 | Keyboard | Internal Single Pointing Backlit Keyboard (English, International) |
| 8 | Camera | HD Camera |
| 9 | Battery | 65Whr Express Charge Battery, 80% charge after about an hour of charging with the system off |
| 10 | NIC / Wireless / BT | Dual band 2.4GHz/5GHz + Bluetooth 4.1LE 802.11 2x2 AGN |

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| | | |
|----|----------------|---|
| 11 | OS | Ubuntu Linux 14.04 / Windows 10 Pro 64-bit English |
| 12 | Warranty | 1 Yr / 3Yr Onsite Service |
| 13 | Ports & Slots | SD 3.0 Memory card reader, 2 USB 3.0, 1 USB 2.0, HDMI, VGA, Network connector (RJ-45), Optional Touch Fingerprint Reader, |
| 14 | Security | Chassis Lock Slot, TPM 1.2, Upgradable to 2.0 with Win10 later. |
| 15 | Weight | Less than 2Kg |
| 16 | Power Adaptor | 90W Power Adaptor |
| 17 | Certifications | Proposed make should be from top 5 brands as per IDC Market Analysis Report for India for Q4 2016 |

2.5.4. 1kVA UPS (Un-Interruptible Power Supply)

| S.No. | Description | Specification | |
|-------|--|--------------------------------|--|
| 1 | Capacity / Rating | Rating (VA) | UPS 1000 VA / 600Watt |
| 2 | MAINS | Input Voltage Range (VAC) | 160-280 |
| | | Input Frequency | 45-55Hz |
| | | Output Voltage | 190-253VAC |
| 3 | INVERTER | Output Voltage (AC) | 230 V |
| | | Transfer Time | <4 ms (typical) |
| | | Output Voltage (AC) Regulation | 230 \pm 10% |
| | | Output Frequency | 50 Hz or 60Hz |
| | | Output Wave form | Simulated/stepped sine wave |
| | | System Voltage (VDC) | 24 |
| 4 | BATTERY (Sealed Lead Acid Maintenance Free) | Backup Time | Minimum One Hour |
| | | No. of Batteries | Two numbers of minimum 9 ah batteries (12 V, 9ahX2) of reputed maker or better brand of repute. |
| | | Recharge Time | 6-8 hours for 90% Charge |

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| | | | |
|---|----------------|---|--|
| 5 | OTHERS | Indicators | ON Mains/ Mains Fail/ ON BATT/ Low BATT/ FAULT- OVERLOAD |
| | | Alarm | Fault-Overload / Replace Battery / Mains Fail / Low Battery |
| | | Over Load Protection | Yes required |
| | | Cold Start | Yes required |
| | | AC Surge Protection | Yes required |
| 6 | Certifications | ISO 9001, ISO 14001 certificate and BIS certificate | Yes required |
| 7 | OEM Product | Original Equipment Manufacturer (OEM) Manufacture or its authorized distributors/ dealers with OEM | |
| 8 | Warranty | 5 Years on site Comprehensive Warranty support with Level 1 Support from bidder and Level2 support from OEM | |

2.5.5. Multifunction Printer

| | Feature | Specification |
|----|-------------------------|---|
| | General | |
| 1 | Warm up time | 14 seconds |
| 2 | First output speed | 4 seconds |
| 3 | Continuous output speed | 30 ppm |
| 4 | Memory | 2 GB Maximum |
| 5 | HDD | Standard: 320GB |
| 6 | Dimensions (WxDxH) | 587 x 680 x 788 mm |
| 7 | Weight | 60 kg |
| 8 | Power Source | 220 - 240 V, 50/60 Hz |
| | Paper Handling | |
| 9 | Recommended paper size | A3,A4,A5,A6,B4,B5,B6 |
| 10 | Paper Input Capacity | Standard: 1,200 sheets (2 x 550 +1 + 100 Maximum: 4,700 sheets |
| 11 | Paper Output Capacity | Standard: 500 sheets Maximum: 1,625 sheets |

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| | | |
|----|-----------------------|--|
| | Paper Weight | Standard paper tray(s): 60 - 300 g/m ² |
| 13 | | Bypass tray: 52 - 300 g/m ² |
| | | Duplex unit: 52 - 256 g/m ² |
| | Copier | |
| 14 | Copying Process | Laser beam scanning and electro photographic printing |
| 15 | Multiple Copying | Up to 999 copies |
| 16 | Resolution | 600 dpi |
| 17 | Zoom | From 25% to 400% in 1% steps |
| | Scanner | |
| | Scanning Speed | ARDF |
| 24 | | Full colour: 80 originals per minute |
| | | B/W: 80 originals per minute |
| 25 | Resolution | Maximum: 1,200 dpi |
| 26 | Original Size | A3, A4, A5 |
| 27 | File formats | Single page TIFF, Single page JPEG, Single page PDF, Single page High compression PDF, Single page PDF-A |
| 28 | Bundled Drivers | Network TWAIN |
| 29 | Scan to Email | Email: Folder, USB/SD, URL , NCP (Optional) |
| | Printer | |
| 30 | Printer Languages | Standard: PCL5e, PCL6, XPS, PDF direct print |
| | | TM Option: Adobe PostScript 3™ |
| 31 | Print Resolution | 600 x 600 dpi |
| 32 | Interface(s) | Standard: USB 2.0, SD slot, Ethernet 10 base-T/100 base-TX, Ethernet 1000 Base-T |
| | | Option: Bi-directional IEEE 1284, Wireless LAN (IEEE 802.11a/b/g/n), Bluetooth |
| 33 | Network Protocols | TCP/IP (IP v4, IP v6), IPX/SPX (Option) |
| 34 | Windows® environments | Windows® XP, Windows® Vista, Windows® 7, Windows® 8, Windows® Server 2003, Windows® Server2003R2, Windows® Server 2008, Windows® Server 2008R2, Windows® Server 2012 |
| 35 | Mac OS environments | Macintosh OS X v10.5 or later (Post Script required) |

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| | | |
|----|---|--|
| 36 | UNIX environments | UNIX Sun [®] Solaris, HP-UX, SCO OpenServer, RedHat [®] Linux, IBM |
| 37 | Novell [®] Netware [®] environments | v6.5 |
| 38 | SAP [®] R/3 [®] environments | SAP [®] R/3 [®] |
| | Software | |
| 39 | Standard | SmartDeviceMonitor, Web SmartDeviceMonitor [®] , Web Image Monitor |
| 40 | Optional | GlobalScan NX, Device Manager NX, Enhanced Locked Printed NX, Streamline NX, Card Authentication Package |
| 41 | Power Consumption | Maximum: 1,600 W |

2.5.6. MFP Color Printer

| | Main Features | Specifications |
|----|-------------------------|---|
| | General | |
| 1 | Warm up time | 25 seconds |
| 2 | First Output Time | Full colour: 7.6 seconds |
| 3 | | B/W: 5.4 seconds |
| 4 | Continuous output speed | Fullcolour:20 ppm B/W:20 ppm |
| 5 | Memory | Standard: 2 GB |
| 6 | | Maximum: 4 GB |
| 7 | | HDD: 250 GB |
| 8 | Dimensions (WxDxH) | 587 x 685 x 833 mm |
| 9 | Weight | 84 kg |
| 10 | Power Source | 220-240V, 50/60Hz |
| | Paper Handling | |
| 11 | Recommended paper size | SRA3, A3, A4, A5, A6, B4, B5, B6 |
| 12 | Paper Input Capacity | Standard: 1,200 sheets Maximum: 2,300 sheets |
| 13 | Paper Output Capacity | Maximum: 1,625 sheets |
| 14 | Paper Weight | Paper tray(s): 60-300 g/m ² |

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| | | |
|----|-------------------------------|---|
| | Printer Specifications | |
| 15 | Printer Languages | Standard : PCL5c, PCL6(XL), PDF Option : Adobe® PostScript® 3™, XPS, PictBridge |
| 16 | Resolution | Maximum : 1200 x 1200 dpi / 2 bit |
| 17 | Interface(s) | Standard : SD slot, USB Host Interface, Ethernet 10 base-T/100 base-TX/1000 Base-T Option: Wireless LAN (IEEE 802.11a/b/g/n), Bluetooth, USB Server for Second Network Interface, Bidirectional IEEE1284/ECP, USB 2.0 (Type B) |
| 18 | Mobile printing capability | Apple AirPrint™ |
| 19 | Windows® environments | Windows® Vista / 7 / 8 / 8.1 / 10, Windows® Server 2003 / 2003R2 / 2008 / 2008R2 / 2012 / 2012R2 |
| 20 | Mac OS environments | Macintosh OS X Native V10.7 or later (Optional PS3TM) |
| 21 | UNIX environments | UNIX Sun® Solaris, HP-UX, SCO OpenServer, RedHat® Linux Enterprise, IBM® AIX |
| 22 | SAP® R/3® environments | SAP® R/3® |
| | Copier Specifications | |
| 23 | Copying Process | Dry Electrostatic Transfer System with Dual component Development: 4-Drum method |
| 24 | Multiple Copying | Up to 999 copies |
| 25 | Resolution | 600 dpi / 4 bit |
| 26 | Zoom | From 25 to 400% in 1% step |
| | Scanner Specifications | |
| 27 | Scanning Speed | ARDF : Max. 54 originals per minute |
| 28 | Resolution | Maximum : 1,200 dpi |
| 29 | File formats | A3, A4, A5, B4, B5 |
| 30 | Bundled Drivers | Network TWAIN |
| 31 | Scan to | E-mail, Folder |
| | Fax (option) | |
| 32 | Circuit | PSTN, PBX |
| 33 | Compatibility | ITU-T (CCITT) G3 |

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| | | |
|----|--------------------|---|
| 34 | Resolution | Standard : 8 x 3.85 line/mm, 200 x 100 dpi, 8 x 7.7 line/mm, 200 x 200 dpi, Option : 8 x 15.4 line/mm, 16x 15.4 line/mm, 400 x 400 dpi |
| 35 | Transmission Speed | G3 : 2 second(s) (200 x x100 dpi, JBIG), 3 seconds(s) (200 x 100 dpi, MMR) |
| 36 | Modem Speed | Maximum: 33.6 Kbps |
| 37 | Memory Capacity | Standard: 4 MB Maximum: 64 MB |
| | Software | |
| 38 | Standard | SmartDeviceMonitor for print & scan, Web Image Monitor, DMNX Lite |
| 39 | Power Consumption | Maximum : 1,700 W |

2.5.7. 42 U Server Rack

| | Parameter | Configuration |
|---|-----------------------------|---|
| 1 | Size | <ul style="list-style-type: none"> • Height 42U usable • Width 600 mm • Depth overall: 1000mm & Depth Usable: 920mm • Height overall: 1976.5mm & Height Usable: 1866.9 i.e. 42U |
| 2 | Standards | DIN 41494 or EIA 310D |
| 3 | Frame Construction | Ten folds vertical profiles + CRCA Steel End Frames (Welded picture frame to provide stability.) |
| 4 | Load Carrying Capacity | 700 Kgs. |
| 5 | Powder coating requirements | Neno ceramic pre-treatment process using a zirconium coat (Thickness 70 to 80 Microns) |
| 6 | Material | CRCA Steel Used is IS 513 GrD |
| 7 | Doors & Side panel | <ul style="list-style-type: none"> • Front & Rear perforated door with hexagonal perforation with minimum 70% opening for better air movement across the Rack. • Side panels should have slam latches & indents for improved strengths & aesthetics |
| 4 | Environment Friendly | ROHS Compliant |

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| | | |
|----|-----------------------------|---|
| 5 | ISO Certification | ISO 9001-2000, ISO 14001 -2004 |
| 6 | 19" Angles in the Rack | • 19" mounting angles at front and rear |
| 7 | | • Horizontal cable manager 1U 19" Mtg. – 2 Nos. |
| 8 | Power Management | 2 * PDU SOCKET 10 X 5/15 AMP WITH 32 AMP MCB AND INDICATOR WITH 3MTR CABLE AND 3 pin plug |
| 9 | Equipment Tray | 2 * EQUIPMENT SHELF 725MMD/600W |
| 10 | Floor Placement | Castors - 2nos. with foot brakes and 2nos without brake and Leveling legs |
| 11 | Equipment Mounting Hardware | 5* Hardware Pkt of 20 |
| 12 | Earthing Provision | Earth Continuity kit |

2.5.8. Traffic Shaper

| | | |
|----|--|--|
| 1 | It should have ability to prioritize traffic, minimize non-productive internet accessibility monitor current usage, allow to use full WAN bandwidth among users able to configure in GUI | |
| 6 | interface | |
| 7 | CPU | SOC, dual thread 750MHz MIPS core |
| 8 | System Memory | 128MB, 16-bit DDR2-800 |
| 9 | NOR-Flash Memory | 128MB NAND flash |
| 10 | Traffic control ports | 2x 10/100/1000 Mbps Ethernet with watchdog timer |
| | | and port by-pass |
| 11 | Management Port | 1x10/100/1000 Mbps |
| 12 | QoS | Hardware accelerated QoS support |
| 13 | Ethernet Ports | 2x RJ-45 Traffic shaping, 1x RJ-45 management^ |

2.5.9. Smoke Detector

| | | |
|---|--|--|
| 1 | It should have Photoelectric signal Processing technique, Highly stable low component SMT design, have 4 Wire Detector with NO/NC Relay Output | |
|---|--|--|

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| | | |
|---|-------------------------------|--------------------------|
| 4 | Wide Operating Voltage Range: | + 12 VDC/+24 VDC/+48 VDC |
| 5 | Coverage Area: | 20 Sq.M |
| 6 | Working Temperature : - | 10~60 |
| 7 | Working Humidity : | % RH |

2.5.10. 'Next Generation Firewall / UTM / Cyber security Solutions

| Hardware Features | Hardware Specifications |
|-------------------|---|
| | Processor : Multi-core Processing Technology |
| | Memory : Min 8 GB |
| | HDD Storage : Min 120GB SSD |
| | Ethernet Ports (Minimum) : 6 x 1GbE built-in Copper Ports with additional 1 x Module Slots for extension of 1GbE Copper, 1 GbE SFP & 10GbE SFP+ |
| | I/O Ports : 2x Front USB 3.0, 1x Rear USB 3.0, 1x COM (RJ45) Front, 1x Rear VGA |
| | Display : Multi-function LCD module |
| | Power Supply : Internal auto-ranging 110-240VAC, 50-60 Hz |
| | Product Certifications (Safety, EMC) : CB, CE, FCC Class A, VCCI, CTick, UL, CCC |
| | Proposed Solution should have ISO certificate, ICSA Network Firewall, ICSA or equivalent for IPS and VPN |
| | Security Performance |
| | Firewall Throughput : Minimum 14 Gbps |
| | IPS throughput : Minimum 2.7 Gbps |
| | VPN throughput : Minimum 1.3 Gbps |
| | Antivirus throughput (proxy) : Minimum 2.3 Gbps |
| | Concurrent connections : Min. 8,200,000 |
| | New connections/sec : Min. 130,000 |

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| | | |
|--|-------------------------------|---|
| | | Maximum licensed users : Unrestricted |
| | Base Firewall Features | |
| | | General Management |
| | | Purpose-built streamlined user interface |
| | | 3-clicks-to-anywhere navigation |
| | | Self-documenting menu system |
| | | Advanced trouble-shooting tools in GUI (e.g. Packet Capture) |
| | | Full command-line-interface (CLI) accessible from GUI |
| | | Role-based administration |
| | | Automated firmware update notification with easy automated update process and roll-back features |
| | | Reusable system object definitions for networks, services, hosts, time periods, users and groups, clients and servers |
| | | Self-service User Portal |
| | | Configuration change tracking |
| | | Flexible device access control for services by zones |
| | | Email or SNMP trap notification options |
| | | SNMP and Netflow support |
| | | Central management support from Firewall Manager (Cloud or appliances) (upto 5 devices should be Free) |
| | | Backup and restore configurations: locally, via FTP or email; on-demand, daily, weekly or monthly |
| | | API for 3rd party integration |
| | | Remote access support from OEM directly |
| | | Firewall, Networking & Routing |
| | | Stateful deep packet inspection firewall |
| | | FastPath Packet Optimization |
| | | User, group, time, or network based policies |
| | | Access time polices per user/group |
| | | Enforce policy across zones, networks, or by service type |

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| | | |
|--|--|--|
| | | Zone isolation and zone-based policy support |
| | | Default zones for LAN, WAN, DMZ, LOCAL, VPN and WiFi |
| | | Custom zones on LAN or DMZ |
| | | Customizable NAT policies with IP masquerading |
| | | Flood protection: DoS, DDoS and portscan blocking |
| | | Country blocking by Geo-IP |
| | | Routing: static, multicast (PIM-SM) and dynamic (BGP, OSPF) |
| | | Upstream proxy support |
| | | Protocol independent multicast routing with IGMP snooping |
| | | Bridging with STP support and ARP broadcast forwarding |
| | | WAN link load balancing: multiple Internet connections, auto-link health check, automatic failover, automatic and weighted balancing and granular multipath rule |
| | | Wireless WAN support |
| | | 802.3ad interface link aggregation |
| | | Full configuration of DNS, DHCP and NTP |
| | | Dynamic DNS |
| | | Protocol independent multicast routing with IGMP snooping |
| | | Bridging with STP support and ARP broadcast forwarding |
| | | IPv6 support with tunnelling support including 6in4, 6to4, 4in6, and IPv6 rapid deployment (6rd) through IPSec. |
| | | VLAN DHCP support and tagging |
| | | Multiple bridge support |
| | | Traffic Shaping & Quotas |
| | | Network or user based traffic shaping (QoS) |
| | | Set user-based traffic quotas on upload/download or total traffic and cyclical or non-cyclical |
| | | Real-time VoIP optimization |
| | | Wireless Protection & Control |
| | | Simple plug-and-play deployment of wireless access points (APs) - automatically appear on the firewall control center (no additional hardware required) |

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| | | |
|--|--|--|
| | | Central monitor and manage all APs and wireless clients through the built-in wireless controller |
| | | Bridge APs to LAN, VLAN, or a separate zone with client isolation options |
| | | Multiple SSID support per radio including hidden SSIDs |
| | | Support for the latest security and encryption including WPA2 Personal and Enterprise |
| | | Support for IEEE 802.1X (RADIUS authentication) |
| | | Support for 802.11r (fast transition) |
| | | Hotspot support for (custom) vouchers, Password of the day, or T&C acceptance |
| | | Wireless guest Internet access with walled garden options |
| | | Time-based wireless network access |
| | | Wireless repeating and bridging meshed network mode with supported APs |
| | | Automatic channel selection background optimization |
| | | Support for HTTPS login |
| | | Authentication |
| | | Transparent, proxy authentication (NTLM/ Kerberos) or client authentication |
| | | Authentication via: Active Directory, eDirectory, RADIUS, LDAP and TACACS+ |
| | | Server authentication agents for Active Directory SSO, STAS, SATC |
| | | Client authentication agents for Windows, Mac OSX, Linux 32/64 |
| | | Authentication certificates for iOS and Android |
| | | Single sign-on: Active directory, eDirectory |
| | | Authentication services for IPSec, L2TP, PPTP, SSL |
| | | Captive Portal with customized logo |
| | | User Self-Service Portal |

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| | | |
|--|------------------------------------|---|
| | | Download the Authentication Client |
| | | Download SSL remote access client (Windows) and configuration files (other OS) |
| | | Hotspot access information |
| | | Change user name and password |
| | | View personal internet usage |
| | | Access quarantined messages (with Email Protection) |
| | | Base VPN Options |
| | | Site-to-site VPN: SSL, IPSec, 256-bit AES/3DES, PFS, RSA, X.509 certificates, Pre-shared key |
| | | L2TP and PPTP |
| | | Remote access: SSL, IPsec, iPhone/iPad/ Cisco/Andriod VPN client support |
| | | SSL client for Windows & configuration download via User portal |
| | | IPSec Client Options |
| | | Authentication: Pre-Shared Key (PSK), PKI (X.509), Smartcards, Token and XAUTH |
| | | Encryption: AES (128/192/256), DES, 3DES (112/168), Blowfish, RSA (up to 2048 Bit), DH groups 1/2/5/14, MD5 and SHA-256/384/512 |
| | | Intelligent split-tunneling for optimum traffic routing |
| | | NAT-traversal support |
| | | Client-monitor for graphical overview of connection status |
| | | Multilingual: German, English and French |
| | Network Protection Features | |
| | | Intrusion Prevention Systems (IPS) |
| | | High-performance, next-gen IPS deep packet inspection engine with selective IPS patterns for maximum performance and protection |
| | | Advance Threat Protection and Synchronized Security |

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| | | |
|--|--------------------------------|--|
| | | Advanced Threat Protection (Detect and block network traffic attempting to contact command and control servers using multi-layered DNS, AFC, and firewall) |
| | | Security Heartbeat instantly identifies compromised endpoints including the host, user, process, incident count, and time of compromise |
| | | Security Heartbeat policies can limit access to network resources or completely isolate compromised systems/workstations until they are cleaned up |
| | | Clientless VPN |
| | | Unique encrypted HTML5 self-service portal with support for RDP, HTTP, HTTPS, SSH, Telnet and VNC |
| | Web Protection Features | |
| | | Web Protection and Control |
| | | Fully transparent Proxy for Anti-Malware and Web-filtering |
| | | Enhanced Advanced Threat Protection (ATP) |
| | | URL Filter database with millions of sites across 92 categories backed by OEM SecurityLabs |
| | | Surfing quota time policies per user/group |
| | | Access time polices per user/group |
| | | Malware scanning: block all forms of viruses, web malware, trojans and spyware on HTTP/ HTTPS, FTP and web-based email |
| | | Advanced web malware protection with JavaScript emulation |
| | | Live Protection real-time in-the-cloud lookups for the latest threat intelligence |
| | | Second independent malware detection engine for dual-scanning (Dual AV) |
| | | Real-time or batch mode scanning |
| | | Pharming Protection |
| | | HTTP and HTTPS scanning on a per user or network policy basis with customizable rules and exceptions |

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| | | |
|--|------------------------------|--|
| | | SSL protocol tunneling detection and enforcement |
| | | Certificate validation |
| | | High performance web content caching |
| | | Forced caching for Endpoint Security updates |
| | | File type filtering by mime-type, extension and active content types (e.g. Activex, applets, cookies, etc.) |
| | | YouTube for Schools enforcement/policy |
| | | SafeSearch enforcement/policy |
| | | Application Protection and Control |
| | | Enhanced application control with signatures and Layer 7 patterns for thousands of applications |
| | | Application control based on category, characteristics (e.g. bandwidth and productivity consuming), technology (e.g. P2P) and risk level |
| | | Per-user or network rule application control policy enforcement |
| | | Web & App Traffic Shaping |
| | | Custom traffic shaping (QoS) options by web category or application to limit or guarantee upload/download or total traffic priority and bitrate individually or shared |
| | Logging and Reporting | |
| | | Purposed Solution should Built-in reports with customized reporting OR Provide separately. |
| | | Dashboards on Traffic, Security, and User Threat Quotient, |
| | | Applications Report on App Risk, Blocked Apps, Web Uses, Search Engines, Web Servers, FTP |
| | | Network & Threats Report on IPS, ATP, Wireless, Security Heartbeat |
| | | VPN Reports |
| | | Email usage and protection Reports |
| | | Compliance reports i.e., PCI-DSS, HIPAA, GLBA, SOX, FISMA, NERC CIPv3, and CIPA |

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| | | |
|--|-------------------------------|--|
| | | Current Activity Monitoring: system health, live users, IPsec connections, remote users, live connections, wireless clients, quarantine, and DoS attacks |
| | | Report anonymization. |
| | | Report scheduling to multiple recipients by report group with flexible frequency options |
| | | Export reports as HTML, PDF, Excel (XLS) |
| | | Report bookmarks |
| | | Full log viewer with retention customization by category |
| | Warranty and Support | |
| | | 03 Years Hardware Warranty & RMA with Exchange |
| | | 24x7 Enhanced Plus Support via Telephone & Email |
| | | Free Security Updates & Patches |
| | | Free Software Features Updates & Upgrades |
| | Security Subscriptions | |
| | | 03 Years License Includes : |
| | | Next Generation Firewall with VPN, Routing, WAN Link Load Balancing, Link Aggregation, Traffic Shaping & Quota, Built-in Wireless Controller, Authentication |
| | | Network Protection including IPS, HTML5, ATP, Anti-malware, Anti-virus |
| | | Web Protection including URL Filtering, App Control, Web & Application Traffic Shaping |

2.5.11. 20 KVA ON LINE UPS SYSTEM THREE PHASE INPUT / ONE PHASE OUTPUT

| Sr. No. | Item | Description |
|---------|-----------------------------|---|
| 1 | Configuration of UPS System | STAND ALONE UPS SYSTEM |
| 2 | Technology | IGBT based On Line, Dual Conversion UPS System with Isolation Transformer |
| 3.1 | UPS Rating | 20KVA |
| 3.2 | Input Power factor | >0.95 |

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| | | |
|-----|---------------------|---|
| 4 | RECTIFIER INPUT | |
| 4.1 | Voltage | 400 VAC, 3Phase, |
| 4.2 | Voltage Tolerance | 285-470V AC at Full Load |
| 4.3 | Frequency | 50 Hz |
| 4.4 | Frequency Tolerance | + / - 10% |
| 5 | Environment | |
| 5.1 | Ambient Temperature | 0-40 Deg C (Without derating) |
| 5.2 | Relative Humidity, | < 95% - Non Condensing |
| 5.3 | Acoustic noise | < 75db above ambient noise. |
| 6 | RECTIFIER SECTION | |
| 6.1 | Nominal DC Voltage | * DATA FURNISH BY SUPPLIER |
| 6.2 | Charging Current | Suitable to charge batteries to support 60Mins backup |

2.5.12. 1 DVR with 4TBHDD &6 Camera with required Cabling and Accessories for installation & Configuration.(Cameras , Power Supply, CCTV Cable as per requirement (Full Copper), Digital Video Recorder(DVR), BNC Connectors, DC Pins).

| |
|---|
| CONVENIENCEFEATURES |
| MobileCompatibility:Android,Windows |
| OtherConvenienceFeatures:Ergonomic |
| Design |
| ApplicationSupport:RemoteConfiguration,VideoBrowse |
| RemoteControl:Yes |
| AlarmAction:E-mailnotification,VideoRecord,SmartPhoneAppPush DownNotification |
| GENERAL |
| AngleofView:77degree |
| Type:Outdoor |
| VideoOutput:VGA,HDMI,CVBS |
| Material:StainlessSteel |
| RecordingFrameRate:30fpsEachChannel |
| LensSize:3.6mm |
| Color:Black |
| NumberofChannels:18 |
| RecordingResolution:FullHD1080P(1920x 1080),HD720P(1280x720),VGA(640x 480),WD1,4CIF,CIF,QVGA:QCIF |
| MountingType:WallMount,TableTop,CeilingMount |

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| |
|--|
| TechnologyUsed:DigitalNoise |
| Reduction,SmartNightVision |
| CAMERAANDIMAGINGFEATURES |
| MinimumIllumination:0.1Lux(IrOff),0Lux (Ir On) |
| ImageSensor:1.3"DISWideApertureLens |
| ImageSettings:Brightness,Contrast,Hue,Saturation |
| IRDistance:20m |
| OtherCameraandImagingFeatures:SmartLuxSensorWhichSensesThe LightSensitivityToEnsureAutomaticChangeoverOfIrNightVisionLights |
| ShutterType:Auto |
| NumberofIRLEDs:24 |
| ImageResolution:1080p,FullHD(1920x 1080) |
| NightVision:Yes |
| PERFORMANCEFEATURES |
| OtherPerformanceFeatures:SupportsUpto |
| 256VideoStreamingUsers |
| HDDType:SATA1 |
| SystemRequirements:WindowsXp,Windows7,Windows8,Windows10, MacOs,Linux,Ubuntu,Chrome |
| HDDCapacity:4TB |
| HDDSize:3.5inch |
| CONNECTIVITYFEATURES |
| NumberofEthernetPorts:1 |
| OtherConnectivityFeatures:SupportsBluetoothMouseAndKeyboard with distant Control |
| AudioInterface:1RCAInput,1RCAOutput |
| NumberofUSBPorts:2 |
| USBType:2 |
| NetworkInterfaceType:Rj45 |
| DIMENSIONS |
| Weight:1500g |
| Height:45mm |
| Width:315mm |
| Depth:242mm |
| POWERFEATURES |
| PowerRequirement:220To240V,50/60Hz |
| PowerConsumption:15W |
| OtherPowerFeatures:12volts/1Amp |
| VIDEOFEATURES |
| MaximumRecordTime:208896hr |
| VideoFormats:Ntsc,Pal |

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| |
|---|
| DisplayFrameRate:NTSC:30fpsperchannel,PAL:25fpsperchannel |
| Other video features:SmartNightVisionUpto20Meters,ClearImageWith MaxShutterSpeedOf1,00,000ToEnsureBlurFreeImage |
| RecordModes:Manual,TimeScheduled,MotionDetection,EventTrigger |
| RecordingFormats:H.264 |
| BitRate:32Kbps~6Mbps |
| ADDITIONALFEATURES |
| WhiteBalance:Yes |
| WeatherDurabilityStandards:Ip66 |
| BacklightBalance:Yes |
| OperatingTemperature:From-10°C~+55°C degree C |
| INTHEBOX |
| DomeCameras,PowerSupply,CCTVCableasperrequirement(FullCopper), DigitalVideoRecorder(DVR),BNCCconnectors,DCPins: |

2.5.13. Switch 24x 1GbE POE + 4x 10GbE SFP

| | |
|--|---|
| | 24 port 10/100/1000BASE-T Gigabit Ethernet POE+ switching ports 4X 10G SFP ports, OFC 10 G Module & 2 qty , Minimum 128 Gbps fabric , CPU Memory: 1GB and 256 MB flash, Packet buffer memory: 1.5MB , Minimum 30.8 watts on 24 ports , MAC addresses: 16KStatic routes: 256 (IPv4)/128 (IPv6) Dynamic routes: 256 (IPv4), Layer 3 Lite IPv4 and IPv6 functionality including static routing and Routing Information Protocol support., Rack mounting (All necessary power cords, adapters, data cables, Connectors, CDs, manuals, brackets accessories, wire managers etc. should be provided) ,RoHS complied |
|--|---|

2.5.14. LED DISPLAY

| | | |
|--|---------------------|--------------------------------------|
| | Panel | 55" |
| | Panel Technology | Edge LED |
| | Native Resolution | 1920x1080 |
| | Brightness(Typ.) | 300 cd/m2 |
| | ViewAngle | 178: 178 (H/V) |
| | Dynamic C/R | 1000000:1 |
| | Audio | |
| | Speaker Type | BuiltinSpeaker(10+10w) |
| | Connectivity | |
| | INPUT | DVI-D,HDMI (2), R G B , RF , USB (2) |
| | OUTPUT | StereominiJack ,External Speaker Out |
| | ExternalController | RS-232C (in/out) ,RJ45 |

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| | | |
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| | Power | |
| | PowerSupply | AC 100-240V ,50/60Hz |
| | PowerConsumption | 55Watts or less |
| | Features | USB Content Scheduling ,SNMP Support , Power Management Modules ,Wi-Fi Ready |
| | Certifications | |
| | Safety | UL |
| | EMC | FCC |
| | Compliance | ROHS ,Energy Star 7.0 ,cUL ,NOM |
| | Accessories | All standard |

2.5.15. The projector can be LED Lamp based

| S.no | Technical Specifications | |
|------|----------------------------|--|
| 1 | Brightness | 1400 ANSI lumens or higher for LED based light source, Or 3000 ANSI lumens for Metal Halide based light source. |
| 2 | LED Light Source Life | Minimum 30,000hrs. for LED based light source, Or Minimum 5000 hours for metal halide based light source |
| 3 | Technology | LCD or DLP Based |
| 4 | Contrast ratio | 1800:1 or higher |
| 5 | Resolution | |
| 6 | Aspect Ratio | 4:3 /16:9 |
| 7 | Focus | Manual/Auto |
| 8 | Lens | For Led Projector Normal Throw (TR: 1.4), a Screen size of about 7.1 (W) x 4.4 feet @ 3.1M distance for LED Projector |
| 9 | Zoom | Fixed ZOOM" for LED based Projectors |
| 10 | Projection size & distance | 25"- 100" (1.2m to 3.1m) for LED based Projectors |
| 11 | Projection mode | Front, back, suspended ceiling projection |
| 12 | Input /Output Ports | USB,HDMI, VGA ,Audio out |
| 13 | Audio Output | Minmum 3W + 3W STEREO |
| 14 | Keystone correction | Digital & Auto Keystone correction ±40° |
| 15 | Compatibility | Capable to play 3D/Blue-ray/1080p HD videos |
| 16 | Refresh rate | 50-60Hz |
| 17 | Power consumption | Maximum 100 Watts for LED based |

2.5.16. 2 Ton Split AC

| Ser. No. | Parameters | Specification |
|----------|--|---------------------|
| | 2 TON SPLIT AC | |
| | It should have Dual Inverter Compressor | |
| | It should give faster cooling and save more energy | |
| | It should have auto clean feature | |
| | STARRATING | 3 |
| | TONNAGERANGE | 2.0TR |
| | Inverter(Type) | DualInverter |
| | TonnageRange | 2.0TR |
| | Cooling(watts) | 6200 |
| | Compressor | DualRotary/R-410A |
| | Power Supply (Volt/Phase/Hz.) | 220-240/Single/50Hz |
| | PowerInput(Watts) | 2090 |
| | RunningCurrent(Amps) | 9.6 |
| | Inverter(Type) | DualInverter |
| | Aircirculation(In/Out)(CFM) | 600/1520 |
| | NoiseLevel(Indoor)(dB | 34 |
| | ISEER(W/W) | 3.70 |

2.5.17. RACK Server

| | Parameter | Specifications |
|--|--------------|--|
| | Processor | Server should be configured with Two Intel Xeon Eight Core E5-2630 v4, 2.2Ghz or higher Processor. |
| | L3 Cache | 25 MB or higher |
| | Chipset | Intel C612 chipset or Higher |
| | Memory (RAM) | Server should be configured with 32 GB of ECC DDR4 Memory and scalable up to 768 GB memory.Should be capable of identifying and reporting whether genuine OEM memory is installed. |
| | DIMM Slots | Server should support 16 DIMM Slots memory configurations |

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| | | |
|--|--------------------------|--|
| | Disk bays | Up to 16 2.5-inch hard disk drives (HDDs)/ solid state drive (SSDs); or up to 8 3.5-inch HDDs/SSDs; support for hot swappable hard disks |
| | Hard Disk Drives | Server should be configured with 4 x 600GB 10K SAS 6Gbps 2.5inch Slim Hot swappable HDDs |
| | RAID Controller | should support hardware RAID 0, 1, 5,6 for all the Hdds. |
| | Gigabit Ethernet Ports | Server should be configured with four Gigabit Ethernet ports |
| | Slots | Server should support 7 Number of PCIe 3.0 dedicated PERC slot or better |
| | Redundant Power Supply | Server should be configured with Dual redundant hot swappable power supplies Platinum 750 W or higher |
| | Redundant Cooling Fans | Server should be configured with minimum of Four hot-swap redundant cooling fans. Fans should be completely redundant so that failure of a fan should not impact the cooling inside the server chassis and provide availability for business-critical applications |
| | Management Functionality | Should support integrated management , Server should be supplied with OEM Server Management software.management software should support integration with popular virtualization platform management software like vCenter And RHEL |
| | Form Factor | Rack mount 2U (all rack mount accessories to be supplied) |
| | Operating System | Server should be supplied with licenced Microsoft Server 2012 standard edition and with minimum 5 client access support |
| | Warranty | 3 Years Onsite comprehensive Warranty |

3

General Conditions of Contract (GCC)

3. General Conditions of Contract (GCC)

3.1. Governing Law

The Contract shall be governed by and interpreted in accordance with the laws of the India.

3.2. Payment Terms

1. No advance payment shall be made.
2. The Successful Bidder's request(s) for payment shall be made to the Authority in writing, accompanied by an invoice describing, as appropriate, services completed. The invoice should be submitted and upon fulfillment of other obligations stipulated in the contract.
3. 60% (Seventy percent) payment of the total project cost shall be released within 30 days from the date of satisfactory delivery, installation, commissioning, Inspection of all material at the Authority's premises. Remaining 40% (Thirty percent) of the total cost shall be released in 20 equated quarterly installments during the warranty period.
4. Remaining amount shall be released in 20 equated quarterly installments only after certification by designated officer of the Authority. For the processing of the quarterly payment in warranty phase, the Successful Bidder shall submit the invoice along with the details of incidents handled in the particular period.
5. Payments shall be made by the Authority within thirty (30) days after submission of the invoice or claim by the Successful Bidder, only after quality inspection and verification by the designated Official of the Authority in conformity of the Goods/Products/Services/Solutions supplied as per the agreed specifications.
6. Payment shall be made in Indian Rupees by RTGS / NEFT on Bank in the name of Successful Bidder.
7. All remittance charges shall be borne by the Successful Bidder.
8. In case of disputed items, the disputed amount shall be withheld and shall be paid only after settlement of the dispute.
9. Any penalties/ liquidated damages, as applicable, for delay and non-performance, as mentioned in this RFP document, shall be deducted from the due payments of the respective quarterly invoice.
10. Taxes, as applicable, shall be deducted / paid, as per the prevalent rules and regulations

11. It is the responsibility of the bidders to quote for and provide all the Hardware(H/w) and Software (S/w) for meeting all the requirements of the RFP. In case during evaluation, it is found that certain H/w or S/w which is critical for meeting the requirement of this RFP and has not been quoted as part of Bill of material (BoM), the bid can be rejected as non-responsive. Additionally, if after the award of contract, it is felt that additional H/w or S/w are required for meeting the RFP requirement and the same has not been quoted by the Successful Bidder, the Successful Bidder shall provide all such additional H/w or S/w at no additional cost to the Authority.

3.3. Confidential Information

- a) The Authority and the Successful Bidder shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract.
- b) The Successful Bidder shall not use the documents, data, and other information received from the Authority for any purpose other than the services required for the performance of the Contract.

3.4. Change in Laws and Regulations

Unless otherwise specified in the Contract, if after the date of the submission for Bids, any law, regulation, ordinance, order or bylaws having the force of law is enacted, promulgated, abrogated, or changed that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Successful Bidder has thereby been affected in the performance of any of its obligations under the Contract.

3.5. Force Majeure

- a) The Successful Bidder shall not be liable for termination for default if and to the extent that it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- b) For purposes of this Clause, Force Majeure means an event or situation beyond the control of the Successful Bidder that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Successful Bidder. Such events may include, but not be limited to, , wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- c) If a Force Majeure situation arises, the Successful Bidder shall promptly notify the Authority in writing of such condition and the cause thereof. Unless otherwise directed by the Authority in

writing, the Successful Bidder shall continue to perform its obligations under the Contract as far as it is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

3.6. Settlement of Disputes

1. Performance of the contract is governed by the terms and conditions of the contract, in case disputes arise between the parties regarding any matter under the contract, either Party of the contract may send a written Notice of Dispute to the other party. The Party receiving the Notice of Dispute will consider the Notice and respond to it in writing within 30 days after receipt. If that party fails to respond within 30 days, or the dispute cannot be amicably settled within 60 days following the response of that party, clause GCC 3.6 (2) shall become applicable.

2. Arbitration:

- a) In the case of dispute arising, upon or in relation to, or in connection with the contract between the Authority and the Successful Bidder, which has not been settled amicably, either party can refer the dispute for Arbitration under (Indian) Arbitration and Conciliation Act, 1996. Such disputes shall be referred to an Arbitral Tribunal consisting of three arbitrators, one each to be appointed by the Authority and the Successful Bidder, the third arbitrator shall be chosen by the two arbitrators so appointed by the parties and shall act as Presiding Arbitrator. In case of failure of the two arbitrators, appointed by the parties to reach a consensus regarding the appointment of the third arbitrator within a period of 30 days from the date of appointment of the two arbitrators, the Presiding arbitrator shall be appointed by the CEO, GSCDCL. The Arbitration and Conciliation Act, 1996 and any statutory modification or re-enactment thereof, shall apply to these arbitration proceedings.
- b) Arbitration proceedings shall be held in Gwalior, India and the language of the arbitration proceedings and that of all documents and communications between the parties shall be English.
- c) The decision of the majority of arbitrators shall be final and binding upon both parties. The expenses of the arbitrators as determined by the arbitrators shall be shared equally by the Authority and the Successful Bidder. However, the expenses incurred by each party in connection to the preparation, presentation shall be borne by the party itself. All arbitration awards shall be in writing and shall state the reasons for the award.

3.7. Extensions of Time

1. If at any time during performance of the Contract, the Successful Bidder should encounter conditions impeding timely delivery of the Services, the Successful Bidder shall promptly notify the Authority in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Successful Bidder notice, the Authority shall evaluate the situation and may at its discretion extend the Successful Bidder time for performance in writing.

2. Delay by 60 days the Successful Bidder in the performance of its Delivery and Completion obligations shall render the Bidder liable for disqualification for any further bids in the Authority, unless an extension of time is agreed mutually.

3.8. Termination

1. Authority may, without prejudice to any other remedy for breach of Contract, terminate this Contract in case of the occurrence of any of the events specified in paragraphs (1) through (11) of this GCC Clause 3.8. In such an occurrence, Authority shall give a not less than 30 (thirty) days' written notice of termination to the Successful Bidder.
2. If the Successful Bidder does not remedy a failure in the performance of its obligations under the Contract, within thirty (30) days after being notified or within any further period as the Authority may have subsequently approved in writing.
3. If the Successful Bidder becomes insolvent or goes into liquidation, or a receiver is appointed for it.
4. If, in the judgment of the Authority, it has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.
5. If, as the result of Force Majeure, the Successful Bidder is unable to perform a material portion of the Services for a period of more than 60 (sixty) days.
6. If the Successful Bidder submits to the Authority a false statement which has a material effect on the rights, obligations or interests of the Authority.
7. If the Successful Bidder places itself in a position of conflict of interest or fails to disclose promptly any conflict of interest to the Authority.
8. If the Successful Bidder fails to provide the quality services as envisaged under this Contract, the Authority may make judgment regarding the poor quality of services, the reasons for which shall be recorded in writing. The Authority may decide to give one chance to the Successful Bidder to improve the quality of the services.
9. If the Successful Bidder fails to comply with any final decision reached as a result of arbitration proceedings.
10. If the Authority, in its sole discretion and for any reason whatsoever, decides to terminate this Contract.

11. In the event the Authority terminates the Contract in whole or in part, pursuant to GCC Clause 3.8, the Authority may procure, upon such terms and in such manner as it deems appropriate, services similar to those undelivered or not performed from a third party, and the Successful Bidder shall be liable to the Authority for any additional costs for such similar services. However, the Successful Bidder shall continue performance of the Contract to the extent not terminated.

3.9. Payment upon Termination

Upon termination of this Contract pursuant to GCC Clauses 3.8, the Authority shall make the following payments to the Successful Bidder:

- a) If the Contract is terminated pursuant to GCC Clause 3.8 (10), remuneration for Services satisfactorily performed prior to the effective date of termination.
- b) If the agreement is terminated pursuant of GCC Clause 3.8 (1) (2),(3), (4), (5), (6), (7), (8) and (9). The Successful Bidder shall not be entitled to receive any agreed payments upon termination of the contract. However, the Authority may consider making a payment for the part satisfactorily performed on the basis of Quantum Merit as assessed by it, if such part is of economic utility to the Authority. Applicable under such circumstances, upon termination, the Authority may also impose liquidated damages. The Successful Bidder will be required to pay any such liquidated damages to the Authority within 30 (thirty) days of the date of the termination.

3.10. Assignment

If Successful Bidder fails to render services in stipulated timeframe and as per schedule, The Authority, at its discretion and without any prior notice to Successful Bidder, may discontinue or minimize scope of work or procure/board any other similar agency to render similar services to complete project in stipulated timeframe.

3.11. Service Level Agreement

- a. The purpose of this Service Level Agreement (hereinafter referred to as SLA) is to define the performance based and measurable service level agreements which shall be complied by the Successful Bidder during the tenure of this contract.
- b. Successful Bidder and the Authority shall regularly review the performance of the services being provided by the Bidder and the effectiveness of this SLA.

3.11.1. Delivery of Goods

- a. Successful Bidder shall successfully deliver goods at the Authority's office and perform the installations and commissioning activities within 30 days after receiving LoA from the

Authority. If the Successful Bidder fails to deliver the equipment in 90(ninty) days the penalties will be levied as under:

- b. A Penalty of 0.5% of the total value of Contract (inclusive of all taxes) per day for first 7 days after 90th day of LoA receipt.
- c. A Penalty of 1% of total value of Contract (inclusive of all taxes) per day from 38th day of receiving the LoA from Authority subject to a maximum of 10%. The penalty shall be computed on total value of the Contract. After which the Authority reserves the right to blacklist the successful bidder and revoke the performance Bank Guarantee.

3.11.2. Warranty Service

- a. Successful Bidder shall provide 100% comprehensive on-site warranty for the supplied Computer Hardware and Software for a period of 5 (Five) years from the date of commissioning of the all the goods/equipment procured as a part of this contract. The warranty shall cover hardware equipment including spare parts / components, software, and other accessories if any excluding consumable items.
- b. During Warranty Period all driver software installation/up-gradation, installing patches, software bug fixes, Operating System (installation/ uninstallation/ upgrades etc.), troubleshooting, support and services shall also be provided on site at no extra cost.
- c. Successful Bidder shall provide the comprehensive manufacturer's warranty in respect of the quality and workmanship of the hardware and peripherals. Successful Bidder shall warrant all hardware, equipment, accessories, spare parts, software etc. procured and implemented as per this RFP against any manufacturing defects during the warranty period of 5 (Five) years.
- d. During the contract period, if any hardware & peripheral item has a hardware failure, it shall be replaced by equivalent or higher-level item by the bidder at no cost to department, within SLAs defined for the availability of hardware & peripherals. However, the new/substitute good supplied should meet the minimum specifications specified in this RFP.
- e. During the warranty period, Successful Bidder shall maintain the hardware & peripherals, and repair / replace at the installed site, all defective components that are identified by Successful Bidder or notified by the Authority, at no additional cost to the Authority.
- f. Successful Bidder shall as far as possible repair the hardware & peripheral at site. In case the item is taken for repair at the Service Centre, another equivalent hardware shall be provided so that officer services are not impacted.

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- g. In case of hardware failure if there is a need for data recovery the same should be done under this warranty clause at no extra cost to the Authority.
- h. In case any Hard Disk Drive (HDD) of any computer is replaced during warranty the unserviceable HDD will be property of the Authority and will not be returned to the Successful Bidder.
- i. Successful Bidder shall carry out Preventive Maintenance (PM), including cleaning of interior and exterior of all hardware and testing for virus, if any, and should maintain proper records of such PM. Failure to carry out such PM will be a breach of warranty and the warranty period will be extended by the period of delay in PM. PM envisages all activities require to be undertaken for good upkeep of hardware on the site. PM should be conducted minimum every 3 (Three) months for all the hardware and peripherals commissioned.
- j. Successful Bidder's technical support shall be available during the Authority business hours (Business hours in the Authority will be from 09:30 hours to 18:30 hours on all days (Monday to Saturday) with access for officers to the Successful Bidder's technical support staff to provide a maximum of 6 hours response turnaround time. There should not be any limits on the number of incidents reported to the manufacturer. The Authority shall have access to the online support and tools provided by the manufacturer.
- k. In case the supplier fails to rectify the problem within stipulated time frame including holidays then Successful Bidder / OEM shall be required to provide second level support, service to rectify the problem or replace the faulty system or part thereof. The performance of the system shall be measured and applicable penalties shall be calculated and imposed on the successful bidder, in case the performance is below the defined thresholds. Penalty would be Rs.500/- (Rupees Five Hundred only) per day after the allotted time schedule.

| Impact | Response Time | Resolution Time |
|--|----------------------|------------------------|
| Critical Business Impact Example: Full network environment Down | Within (20) Minutes | Within (1) Hour |
| Broadband service impact | Within (1) Hour | Within (2) Hour |
| Disaster Recovery of data role-back and switching to DR server. | Within (2) Hour | Within (4-8) Hour |

- l. Successful Bidder shall monitor warranties to check adherence to preventive and repair maintenance terms and conditions for the Authority.
- m. Successful Bidder shall ensure that the warranty comply with the specified Technical Standards and common industry standards on Security Requirements, Operating Procedures and Recovery Procedures.

- n. Successful Bidder shall maintain data regarding entitlement for software updates, patches, replacements, and maintenance. Successful Bidder should perform periodic audits to measure license compliance against the number of valid End User software licenses consistent with the terms and conditions of site license agreements, volume license agreements, and other mutually agreed upon licensed software terms and conditions and report to the Authority of any exceptions to terms and conditions, to the extent such instances of non-compliance and exceptions are discovered.
- o. Successful Bidder shall have to maintain 10% inventory stock for spare parts and spare equipment/peripherals to ensure that successful bidder is able to meet the uptime commitment as per SLA.

3.12. Other Conditions

- a) The Successful Bidder should comply with all applicable laws and rules of Government of India and Government of Madhya Pradesh.
- b) Support Executive/Supervisor deployed by the Successful Bidder shall not have right to demand for any type of permanent employment with the Authority or its allied Offices and shall not be treated as the employee of the Authority at any time
- c) CEO, GSCDCL reserves the right to withdraw/ relax any of the terms and condition mentioned in the RFP, so as to overcome the problem encountered at a later stage for the smooth and timely execution of the project.

3.13. Risk Purchase

In case the Successful Bidder fails to deliver the project due to inadvertence, error, collusion, incompetency, termination, misconstruction or illicit withdrawal, the CEO, GSCDCL reserves the right to procure the same or similar services from the alternate sources at risk, cost and responsibility of the Successful Bidder.

Annexures

Annexure 1- Guidelines for Pre-Qualification Proposal

Annexure 1.1 - Check-list for the Pre-Qualification Proposal

| S No. | List of Documents | File Name | Submitted (Y / N) | Description |
|-------|---|-----------|-------------------|---|
| 1. | Proof of Tender Fee and EMD submitted | | | Transaction Number: Date: EMD Mode: Reference No: |
| 2. | Bid Covering Letter As per format provided at Annexure 1.2 | | | Reference No: Date of Letter: |
| 3. | Bidders' Particulars As per format provided at Annexure 1.3 | | | Name of Bidder(s): |
| 4. | Power of Attorney in favour of Authorized signatory As per format provided at Annexure 6 | | | Date of PoA: Name of Authorize Person: |
| 5. | Copy of Certificate of Incorporation / Registration of Company | | | Registration Number: Date of Incorporation: |
| 6. | Copy of Certificate from the Statutory Auditor / Chartered Accountant for the last 3 (Three) financial years 2013-14, 2014-15 and 2015-16 As per format provided at Annexure 7 | | | Year-wise details of turnover Average Turnover: |
| 7. | Certificate from the Chartered Accountant towards the Net worth of the Bidder. | | | Name of CA – Certificate Date - |
| 8. | Copy of Work order/ Contract and completion certificate to support that the Bidder has worked on minimum of 3 projects related to supply and maintenance of IT Hardware (i.e. Computer, Printer etc.) to Central/State Government / PSU / ULB organization in Madhya Pradesh in last 3 (Three) financial years (FY 2013-14, 2014-15 and 2015-16). | | | Customer Name: Work Order Number: Date of Work Order: |

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| S No. | List of Documents | File Name | Submitted (Y / N) | Description |
|--------------|---|------------------|--------------------------|---|
| 9. | Copy of Work order/ Contract and completion certificate to support that the Bidder has worked on minimum of 3 projects related to setting up IT Network Infrastructure for Central/State Government / PSU / ULB organization in Madhya Pradesh in last 3 (Three) financial years (FY 2013-14, 2014-15 and 2015-16). | | | Customer Name: Work Order Number: Date of Work Order: |
| 10. | Details of Service center address and contact number to be provided to support that the Bidder/ OEM has minimum one service center or one authorized service person in Gwalior / Madhya Pradesh as on date of submission of the proposal | | | Service Center Address: Contact Number: |
| 11. | Declaration for not blacklisted by Central/State Government/ PSU entity in India for unsatisfactory past performance, corrupt, fraudulent or any other unethical business practices as on date of submission of the proposal. As per format provided at Annexure 4 | | | Reference No: Date of Letter: |
| 12. | OEM Authorization Form for each proposed item As per format provided at Annexure 2.4 | | | OEM Name: Date: |

Annexure 1.2 - Pre-Qualification Cover Letter

(To be submitted on the letterhead of the bidder)

Date:

To

Executive Director

Gwalior Smart City Development Corporation Limited (GSCDCL)

Nagar Nigam City Centre Office,

Gwalior (M.P) 474003

Subject: Bid for “Supply, Installation, Commissioning and Maintenance of IT Network Infrastructure and Computer Hardware for GSCDCL Office , Gwalior”

RFP Reference No: XXXX

Dear Ma’am,

With reference to your “**Request for Proposal for Supply, Installation, Commissioning and Maintenance of IT Network Infrastructure and Computer Hardware for GSCDCL Office , Gwalior**”, we hereby submit our Prequalification Proposal, Technical Proposal, and Financial Proposal, for the same.

We hereby declare that:

- a. We hereby acknowledge and unconditionally accept that the Authority can at its absolute discretion apply whatever criteria it deems appropriate, not just limiting to those criteria set out in the RFP and related documents, in short listing of bidder for providing services.
- b. We have submitted EMD of INR [] in the form of [.....] and Tender fee of INR [] online through e-Tendering Portal (www.mpeproc.gov.in),
- c. We hereby declare that all information and details furnished by us in the Bid are true and correct, and all documents accompanying such application are true copies of their respective originals.
- d. We agree to abide by our offer for a period of 180 (One Hundred and Eighty) days from the date of opening of pre-qualification bid prescribed by **Authority** and that we shall remain bound by a communication of acceptance within that time.
- e. We have carefully read and understood the terms and conditions of the RFP and the conditions of the contract applicable to the RFP. We do hereby undertake to provision as per these terms and conditions.

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- f. In the event of acceptance of our bid, we do hereby undertake:
- i. To supply the products and commence services as stipulated in the RFP document
 - ii. To undertake the project services for entire contract period from the date of signing of the contract as mentioned in the RFP document.
 - iii. We affirm that the prices quoted are inclusive of design, development, delivery, installation, commissioning, training, providing facility management and handholding support, and inclusive of all out of pocket expenses, taxes, levies, discounts etc.
- g. We do hereby undertake, that, until a formal contract is prepared and executed, this bid, together with the Authority's written acceptance thereof and notification of award of contract, shall constitute a binding contract between us.
- h. We understand that the **Authority** may cancel the bidding process at any time and that **Authority** is not bound to accept any bid that it may receive without incurring any liability towards the bidder.
- i. We fully understand and agree to comply that on verification, if any of the information provided in our bid is found to be misleading the selection process, we are liable to be dismissed from the selection process or termination of the contract during the project, if selected.

In case of any clarifications please contact _____ email at

Thanking you,

Yours sincerely,

(Signature of the bidder)

Printed Name

Designation

Seal

Date:

Place:

Business Address:

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Annexure 1.3 - Format to share Bidder's and Bidding Firms Particulars

The Table below provides the format in which general information about the bidder must be furnished.

| S No | Information | Details |
|------|--|---------|
| 1. | Name of Bidding firm: | |
| 2. | Address and contact details of Bidding firm: | |
| 3. | Firm Registration Number and Year of Registration | |
| 4. | Web Site Address | |
| 5. | Status of Company (Public Ltd., Pvt. Ltd., etc.) | |
| 6. | EPF Registration No | |
| 7. | Company's Service Tax Registration No. | |
| 8. | GST No. | |
| 9. | Company's Permanent Account Number (PAN) | |
| 10. | Company's Revenue for the last 3 years (Year wise) | |
| 11. | Name, Designation and Address of the contact person to whom all references shall be made regarding this RFP: | |
| 12. | Telephone number of contact person: | |
| 13. | Mobile number of contact person: | |
| 14. | Fax number of contact person: | |
| 15. | E-mail address of contact person: | |

Please submit the relevant proofs for all the details mentioned above along with your Bid response

Authorized Signatory

Name

Seal

Annexure 1.4. - Format of Project Citation

| S No | Item | Details | Attachment Ref. Number |
|------|---------------------|---------|------------------------|
| 1 | Name of the Project | | |
| 2 | Date of Work Order | | |
| 3 | Client Details | | |
| 4 | Scope of Work | | |
| 5 | Contract Value | | |
| 6 | Completion Date | | |

Note: The Bidder is required to use above formats for all the projects referenced by the bidder for the Pre-Qualification criteria and technical bid evaluation.

Annexure 1.5. - Format for OEM Authorization

(This form has to be provided by the OEMs of the products proposed)

Date:

To,
Executive Director
Gwalior Smart City Development Corporation Limited (GSCDCL)
Nagar Nigam, City Centre,
Gwalior (M.P) 474003

RFP Ref: <--> (“Tender”)

Dear Ma’am,

We _____, (name and address of the manufacturer) who are established and reputed manufacturers of _____ having factories at _____ (addresses of manufacturing / development locations) do hereby authorize M/s _____ (name and address of the bidder) to bid, negotiate and conclude the contract with you against the above mentioned Tender for the above equipment / software manufactured / developed by us.

We herewith certify that the above mentioned equipment / software products are not end of the life and we hereby undertake to support these equipment / software for the duration of minimum 3 (three) years from the date of Submission of the Bid.

Yours faithfully,
(Name)
(Name of Producers)

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

Annexure 2. - Guidelines for Technical Proposal

Annexure 2.1 - Check-list for the documents to be included in the Technical Proposal

| S No. | List of Documents | Name of File Name | Submitted (Y / N) | Description |
|-------|--|-------------------|-------------------|----------------------------------|
| 1. | Technical Bid Covering Letter As per Annexure 2.2 | | | Reference No: Date of Letter: |
| 2. | Undertaking on Service Level Compliance As per Annexure 9 | | | Reference No: Date of Letter: |
| 3. | Self-certificate regarding Total Responsibility As per Annexure 10 | | | Reference No: Date of Letter: |

Annexure 2.2. - Technical Bid Cover Letter

(To be submitted on the Letterhead of the responding firm)

Date: dd/mm/yyyy

To

Executive Director

Gwalior Smart City Development Corporation Limited (GSCDCL)

Nagar Nigam, Smart City,

Gwalior (M.P) 474003

Sub: Request for Proposal for "**Supply, Installation, Commissioning and Maintenance of IT Network Infrastructure and Computer Hardware for GSCDCL Office, Gwalior**" ("Tender")

RFP Reference No: XXXX

Dear Ma'am,

Having examined the RFP, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to provide the professional services as required and outlined in the RFP for "**Supply, Installation, Commissioning and Maintenance of IT Network Infrastructure and Computer Hardware for GSCDCL Office, Gwalior**"

We attach hereto the technical response as required by the RFP, which constitutes our proposal. We undertake, if our proposal is accepted, to adhere to the implementation plan (Project schedule) for providing Professional Services in "**Supply, Installation, Commissioning and Maintenance of IT Network Infrastructure and Computer Hardware for GSCDCL Office, Gwalior**", put forward in RFP or such adjusted plan as may subsequently be mutually agreed between us and GSCDCL or its appointed representatives.

If our proposal is accepted, we will obtain a Performance Bank Guarantee issued by a nationalized bank or a schedule commercial bank in India, for a sum of equivalent to 10% of the contract value for the due performance of the contract.

We agree for unconditional acceptance of all the terms and conditions set out in the RFP document and also agree to abide by this tender response for a period of 180 days from the date of submission of Bid and it shall remain binding upon us with full force and virtue, until within this period a formal contract is prepared and executed, this tender response, together with your written acceptance thereof in your notification of award, shall constitute a binding contract between us and GSCDCL.

We confirm that the information contained in this proposal or any part thereof, including its exhibits, schedules, and other documents and instruments delivered or to be delivered to GSCDCL is true, accurate, and complete. This proposal includes all information necessary to ensure that the statements therein do not in whole or in part mislead GSCDCL as to any material fact.

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We agree that you are not bound to accept any tender response you may receive. We also agree that you reserve the right in absolute sense to reject all or any of the products/ services specified in the tender response.

It is hereby confirmed that I/We are entitled to act on behalf of our company and empowered to sign this document as well as such other documents, which may be required in this connection.

Date:

(Signature)

(Name)

(In the capacity of)

[Seal / Stamp of bidder]

Annexure 3- Guidelines for Financial Proposal

Annexure 3.1 - Financial Proposal Cover Letter

(To be submitted on the Letterhead of the Bidder)

Date: dd/mm/yyyy

To

Executive Director

Gwalior Smart City Development Corporation Limited (GSCDCL)

Nagar Nigam, City Centre,

Gwalior (M.P) 474003

Subject: Bid for the Supply, Installation, Commissioning and Maintenance of IT Network Infrastructure and Computer Hardware for GSCDCL Office, Gwalior ("RFP")

RFP Reference No: XXXX

Dear Ma'am,

1. I/We, the undersigned bidder, having read and examined in detail, the Bidding Document, the receipt of which is hereby duly acknowledged, I/ we, the undersigned, offer to supply/ work as mentioned in the Scope of the work, Bill of Material, Technical Specifications, Service Level Standards & in conformity with the said bidding document for the same.
2. I / We undertake that the prices are in conformity with the specifications prescribed. The quote/ price are inclusive of all cost likely to be incurred for executing this work. The prices are inclusive of all type of government taxes/duties as mentioned in the financial bid (BoQ).
3. I / We undertake, if our bid is accepted, to deliver the goods & services in accordance with the delivery schedule specified in the RFP.
4. I/We undertake to successfully operationalize the entire solution as per scope of work mentioned in the RFP document.
5. I/ We have examined and have no reservations to the Bidding Documents, including any corrigendum/addendums issued by GSCDCL;
6. I/We understand that any additional hardware and software required to make the entire solution operational shall have to be provided by us.
7. I/ We hereby declare that in case the contract is awarded to us, we shall submit the contract performance bank guarantee as prescribed in the RFP.

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8. I / We agree to abide by this bid for a period of 180 (One Hundred and Eighty) days from the date of bid submission and it shall remain binding upon us and may be accepted at any time before the expiry of that period.

9. Until a formal contract is prepared and executed, this bid, together with your written acceptance thereof and your notification of award shall constitute a binding Contract between us.

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

11. We understand that you are not bound to accept the lowest or any bid you may receive. We agree to all the terms & conditions as mentioned in the RFP document and submit that we have not submitted any deviations in this regard.

In witness thereof, I/we submit this Bid under and in accordance with the terms of the RFP document.

Date:
Place:

Yours faithfully,

(Signature of the Authorised signatory)

(Name and designation of the of the Authorised signatory)

Name and seal of Bidder

Annexure 3.2 - Financial Proposal Format & Instructions

To be submitted on e-Tendering Portal only (i.e. www.mpeproc.gov.in)

RFP Reference No: XXXX

Cost for Supply, Installation, Commissioning and Maintenance of IT Network Infrastructure and Computer Hardware for(Inclusive of all taxes and duties)

| S No | Item | Qty | Unit Price | GST | Total Price |
|------|-----------------------------|-------|------------|-----|-------------|
| 1 | All-In-One Computers | 35 | | | |
| 2 | High-end Workstation | 5 | | | |
| 3 | 1 KVA UPS | 40 | | | |
| 4 | LAPTOP | 10 | | | |
| 5 | LED TV | 4 | | | |
| 6 | Projector& Projector Screen | 2 + 2 | | | |
| 7 | Display Board | 1 | | | |
| 8 | Cordless Phone | 7 | | | |
| 9 | Table Phone | 20 | | | |
| 10 | WiFi Zone | 5 | | | |

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| | | | | | |
|----|---|-------------------|--|--|--|
| 11 | AC | 17 | | | |
| 12 | Photocopy Machine& Printer (All-in -One) | 4 | | | |
| 13 | Color MFP Printer | 8 | | | |
| 14 | Patch Panel | 4 | | | |
| 15 | Network Router | 1 | | | |
| 16 | 42U Server Rack | 1 | | | |
| 17 | L2 SWITCHING SPECIFICATION | 4 | | | |
| 18 | Firewall UTM | 1 | | | |
| 19 | Broad Band Service | 2 | | | |
| 20 | Smoke Detector with Panel & accessories | 2 | | | |
| 21 | CCTV Surveillance with DVR | 5 | | | |
| 22 | Traffic Shaper | 1 | | | |
| 23 | 20 KVA UPS | 1 | | | |
| 24 | Patch Cords 1mtr | 70 | | | |
| 25 | Patch Cords 3mtr | 70 | | | |
| 26 | 9U Network Rack | 1 | | | |
| 27 | IO with Single Face Plate & Surface BOX | 70 | | | |
| 28 | IP Based Communication Server | 1 | | | |
| | | Total Cost | | | |

Amount in words:

Bidders to note that the above cost is inclusive of 100% comprehensive onsite support and warranty for 5
Years

Instructions:

- GSCDCL does not guarantee the quantity for the particular line items given above. The actual quantity for the given items may be more or less. The payment shall be made based on unit cost quoted for the particular item on actual work/item is undertaken/supplied.
- Bidder should provide all prices as per the prescribed format under this Annexure 3.2.
- All the prices are to be entered in Indian Rupees ONLY.
- GSCDCL reserves the right to ask the Bidder to submit proof of payment against any of the taxes, duties, levies indicated.
- GSCDCL shall take into account all taxes, duties and levies for the purpose of evaluation.
- The Bidder needs to account for all Out of Pocket expenses, no additional payment shall be made by GSCDCL whatsoever.

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- g) Bidder should refer the RFP document for details on the technical requirements of the system and the benchmark specifications for the items mentioned in the financial formats.
- h) Any component/fixtures/labour work, ancillary/adjunct to any specified item or the project as a whole, shall be deemed to have been included in the unit rates quoted above.

Annexure 4- Format for Declaration by the bidder for not being Blacklisted / Debarred

(To be submitted on the Letterhead of the Bidder)

Date: dd/mm/yyyy

To

Executive Director

Gwalior Smart City Development Corporation Limited (GSCDCL)

Nagar Nigam, Smart City,

Gwalior (M.P) 474003

Subject: Declaration for not being debarred / black-listed by Central / any State Government department in India as on the date of submission of the bid

RFP Reference No: XXXX

Dear Ma'am,

I, authorized representative of _____, hereby solemnly confirm that the Company _____ is not debarred / black-listed by any Central/State Government/ PSU entity in India or similar agencies globally for unsatisfactory past performance, corrupt, fraudulent or any other unethical business practices or for any other reason as on last date of submission of the Bid. In the event of any deviation from the factual information/ declaration, GSCDCL reserves the right to reject the Bid or terminate the Contract without any compensation to the successful bidder.

Thanking you,

Yours faithfully,

Signature of Authorized Signatory (with official seal)

Date :

Name :

Designation :

Address :

Telephone & Fax :

E-mail address :

Annexure 5 - Format of sending pre-bid queries

RFP Reference No: XXXX

| Bidder's Request For Clarification | | | | |
|---|------------|---|--|--|
| Name and complete official address of Organization submitting query / request for clarification | | Telephone, Fax and E-mail of the organization Tel: Fax: Email: | | |
| Sr. No. | Clause No. | Page No. | Content of RFP Requiring Clarification | Change Requested/ Clarification required |
| 1 | | | | |
| 2 | | | | |

Signature:

Name of the Authorized signatory:

Company seal:

Date and Stamped

Note: Bidders are requested to send the queries in PDF with Sign and Company Seal and also in MS Excel for making consolidation process easy.

Annexure6- Power of Attorney

*[To be executed on non-judicial stamp paper of the appropriate value in accordance with relevant Stamp Act.
The stamp paper to be in the name of the company who is issuing the power of attorney]*

Know by all men by these presents, We _____ (Name of the Bidder and address of their registered office) do hereby constitute, appoint and authorize Mr. / Ms _____ (name and residential address of Power of attorney holder) who is presently employed with us and holding the position of _____

as our Attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to our Proposal for the **“Request for Proposal for Supply, Installation, Commissioning and Maintenance of IT Network Infrastructure and Computer Hardware for GSCDCL Office, Gwalior”**, including signing and submission of all documents and providing information / responses to the Gwalior Smart City Development Corporation Limited (GSCDCL), representing us in all matters before GSCDCL, and generally dealing with the GSCDCL in all matters in connection with our Proposal for the said Project.

We hereby agree to ratify all acts, deeds and things lawfully done by our said Attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid Attorney shall and shall always be deemed to have been done by us.

For _____

Name:

Designation:

Date:

Time:

Seal:

Business Address:

Accepted,

_____ (Signature)

(Name, Title and Address of the Attorney)

Note:

- The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and when it is so required the same should be under common seal affixed in accordance with the required procedure.
- The Power of Attorney should be supported by a duly authorized resolution of the Board of Directors of the Bidder authorizing the person who is issuing this power of attorney on behalf of the Bidder.

Annexure 7 – Format for Annual Turnover

ANNUAL TURNOVER

Requirements: The Average Annual Turnover to be provided in the following format for the last 3 Financial Years (2013-14, 2014-15, 2015-16).

| Financial Information | | | |
|---|-------------|-------------|-------------|
| Financial Year | 2013 - 2014 | 2014 - 2015 | 2015 - 2016 |
| Annual Turnover (in INR) | | | |
| AVERAGE ANNUAL TURNOVER | | | |
| Note: Annual turnover should be certified by CA/Statutory Auditors. | | | |

Annexure 8 – Format for Performance Bank Guarantee

For Contract Performance Bank Guarantee

Ref: < --- >

Date: _____

Bank Guarantee No.: _____

To

Executive Director

Gwalior Smart City Development Corporation Limited (GSCDCL)

Nagar Nigam, Smart City,

Gwalior (M.P) 474003

Dear Ma'am,

PERFORMANCE BANK GUARANTEE – For <Project Name>

WHEREAS

M/s. (name of Bidder), a company registered under the Companies Act, 1956/2013, having its registered and corporate office at (address of the Bidder), (hereinafter referred to as “our constituent”, which expression, unless excluded or repugnant to the context or meaning thereof, includes its successors and assigns), has entered into a Contract dated (Hereinafter, referred to as “Contract”) with you for “**Request for Proposal for The Supply, Installation, Commissioning and Maintenance of IT Network Infrastructure and Computer Hardware for GSCDCL Office, Gwalior**”, in the said Contract.

We are aware of the fact that as per the terms of the Contract, M/s. (name of Bidder) is required to furnish an unconditional and irrevocable Bank Guarantee in your favour for an amount of 10% of the Total Contract Value, and guarantee the due performance by our constituent as per the Contract and do hereby agree and undertake to pay any and all amount due and payable under this bank guarantee, as security against breach/ default of the said Contract by our Constituent.

In consideration of the fact that our constituent is our valued customer and the fact that he has entered into the said Contract with you, we, (name and address of the bank), have agreed to issue this Performance Bank Guarantee.

Therefore, we (name and address of the bank) hereby unconditionally and irrevocably guarantee you as under:

In the event of our constituent committing any breach / default of the said Contract, and which has not been rectified by him, we hereby agree to pay you forthwith on demand such sum/s not exceeding the sum of 10% of the Total Contract Value i.e.,.....<in words> without any demur.

Notwithstanding anything to the contrary, as contained in the said Contract, we agree that your decision as to whether our constituent has made any such default(s) / breach(es), as aforesaid and

**RFP for Supply, Installation, Commissioning and Maintenance of IT Network
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the amount or amounts to which you are entitled by reasons thereof, subject to the terms and conditions of the said Contract, will be binding on us and we shall not be entitled to ask you to establish your claim or claims under this Performance Bank Guarantee, but will pay the same forthwith on your demand without any protest or demur.

This Performance Bank Guarantee shall continue and hold good during the contract period and till 180 (One Hundred and Eighty) days after completion of the Contract Period, subject to the terms and conditions in the said Contract.

We bind ourselves to pay the above said amount at any point of time commencing from the date of the said Contract until 6 months after the completion of Contract Period.

We further agree that the termination of the said Agreement, for reasons solely attributable to our constituent, virtually empowers you to demand for the payment of the above said amount under this guarantee and we would honor the same without demur.

We hereby expressly waive all our rights: Requiring to pursue legal remedies against GSCDCL; and For notice of acceptance hereof any action taken or omitted in reliance hereon, of any defaults under the Contract and any resentment, demand, protest or any notice of any kind.

We, the Guarantor, as primary obligor and not merely Surety or Guarantor of collection, do hereby irrevocably and unconditionally give our guarantee and undertake to pay any amount you may claim (by one or more claims) up to but not exceeding the amount mentioned aforesaid during the period from and including the date of issue of this guarantee through the period.

We specifically confirm that no proof of any amount due to you under the Contract is required to be provided to us in connection with any demand by you for payment under this guarantee other than your written demand.

Any notice by way of demand or otherwise hereunder may be sent by special courier, telex, fax, registered post or other electronic media to our address, as aforesaid and if sent by post, it shall be deemed to have been given to us after the expiry of 48 hours when the same has been posted. If it is necessary to extend this guarantee on account of any reason whatsoever, we undertake to extend the period of this guarantee on the request of our constituent under intimation to you.

This Performance Bank Guarantee shall not be affected by any change in the terms of the Contract, any change in the constitution of our constituent nor shall it be affected by any change in our constitution or by any amalgamation or absorption thereof or therewith or reconstruction or winding up, but will ensure to the benefit of you and be available to and be enforceable by you during the period from and including the date of issue of this guarantee through the period.

**RFP for Supply, Installation, Commissioning and Maintenance of IT Network
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Notwithstanding anything contained hereinabove, our liability under this Performance Guarantee is restricted to 10% of the Contract Value, and shall continue to exist, subject to the terms and conditions contained herein, unless a written claim is lodged on us on or before the aforesaid date of expiry of this guarantee.

We hereby confirm that we have the power/s to issue this Guarantee in your favour under the Memorandum and Articles of Association / Constitution of our bank and the undersigned is / are the recipient of Authority by express delegation of power/s and has / have full power/s to execute this guarantee under the Power of Attorney issued by the bank in your favour.

We further agree that the exercise of any of your rights against our constituent to enforce or forbear to enforce or any other indulgence or facility, extended to our constituent to carry out the contractual obligations as per the said Contract, would not release our liability under this guarantee and that your right against us shall remain in full force and effect, notwithstanding any arrangement that may be entered into between you and our constituent, during the entire currency of this guarantee.

Notwithstanding anything contained herein:

Our liability under this Performance Bank Guarantee shall not exceed 10% of the Total Contract Value. This Performance Bank Guarantee shall be valid only from the date of signing of Contract to 180 days after the End of Contract Period.

We are liable to pay the guaranteed amount or part thereof under this Performance Bank Guarantee only and only if we receive a written claim or demand on or before 180 days after the completion of Contract Period.

Any payment made hereunder shall be free and clear of and without deduction for or on account of taxes, levies, imports, charges, duties, fees, deductions or withholding of any nature imposts. This Performance Bank Guarantee must be returned to the bank upon its expiry. If the bank does not receive the Performance Bank Guarantee within the above-mentioned period, subject to the terms and conditions contained herein, it shall be deemed to be automatically cancelled.

This guarantee shall be governed by and construed in accordance with the Indian Laws and we hereby submit to the exclusive jurisdiction of courts of Gwalior for the purpose of any suit or action or other proceedings arising out of this guarantee.

Dated this day 20....

Yours faithfully,

For and on behalf of the Bank,

**RFP for Supply, Installation, Commissioning and Maintenance of IT Network
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(Signature)

Designation

(Address of the Bank)

Note:

This guarantee will attract stamp duty as a security bond.

A duly certified copy of the requisite Authority conferred on the official/s to execute the guarantee on behalf of the bank should be annexed to this guarantee for verification and retention thereof as documentary evidence in the matter.

Annexure 9 -Undertaking on Service Level Compliance

(Company letterhead) [Date]

To,

Executive Director

Gwalior Smart City Development Corporation Limited (GSCDCL)

Nagar Nigam, Smart City,

Gwalior (M.P) 474003

Sub: Undertaking on Service Level Compliance

Ma'am,

1. I/We as vendor for computer hardware do hereby undertake that we shall monitor, maintain, and comply with the service levels stated in the RFP to provide quality service to Gwalior Smart City Development Corporation Limited ("GSCDCL").
2. However, if the proposed resources and infrastructure are found to be insufficient in meeting the RFP and/or the service level requirements given by GSCDCL, then we will augment the same without any additional cost to GSCDCL.

Yours faithfully,

Authorized Signatory

Designation

Date

Time

Seal

Business Address

Annexure 10 – Undertaking on Total Responsibility

(Company letterhead) [Date]

To,

Executive Director

Gwalior Smart City Development Corporation Limited (GSCDCL)

Nagar Nigam, Smart City,

Gwalior (M.P) 474003

Sub: Self certificate regarding Total Responsibility

Ma'am,

This is to certify that we undertake total responsibility for the successful and defect free operation of the proposed hardware systems, as per the requirements of "RFP for Supply, Installation, Commissioning and Maintenance of IT Network Infrastructure and Computer Hardware for GSCDCL, Gwalior" Project.

Thanking you,

Yours faithfully

(Signature of the Authorized Signatory of the Bidding Organization)

Name:

Designation:

Date:

Time:

Seal:

Business Address