



INVITATION TO BID

The Town of Addison is accepting bids from all interested parties for

Bid No: 09-07

Bid Name: Technology Infrastructure Replacement

Pre-Bid Meeting: (Non-Mandatory) Friday, March 13, 2009, 9:00 AM
Town of Addison Service Center
16801 Westgrove
Addison, TX 75001

Bid Opening: Friday, March 20, 2009, 10:00 AM
Purchasing Division
Town of Addison Finance Building
5350 Belt Line
Addison, Texas 75240

Since DemandStar.com maintains the vendor files for the Town of Addison, bidders do not need to notify the Town if they do not intend to bid on this project. For vendors that would like to be removed from the bidder's list, please notify the Town of Addison in writing.

If you are not a member of Demandstar and wish to obtain a free copy of the bid specifications, you may pick up one at the Town of Addison, Purchasing Division, 5350 Belt Line Road, Addison, TX 75240

Please pay particular attention to Receipt and Preparation of the bid.

For questions concerning the bidding process, contact Matt McCombs, Management Analyst, at 972-450-7090 or e-mail at mmccombs@addisontx.gov. For questions concerning the scope of the work contact Hamid Khaleghipour 972-450-2868 or email at hkhaleghipour@addisontx.gov.

**TOWN OF ADDISON
INSTRUCTIONS TO BIDDERS**

1.0 RECEIPT AND PREPARATION OF THE BID

- 1.1 Bids will be received by the Purchasing Coordinator of the Town of Addison until time specified in the Invitation to Bid, at which time bids will be publicly opened and read aloud, in the Finance Building of the Town of Addison located at 5350 Belt Line Rd., Addison, TX 75254. Bids must be received by the specified time in order to be considered, and bids submitted after this closing time will not be considered and will be returned unopened.
- 1.2 Each bid shall be enclosed in a sealed envelope, addressed to the Purchasing Coordinator. Town of Addison, P.O. Box 9010, Addison, Texas, 75254. Bids must be labeled in the lower left-hand corner with the bid name and number. Bidders must also include their company name and address on the outside of the envelope.
- 1.3 Bidders are responsible for making certain bids are delivered to the purchasing division. Mailing of a bid does not insure that the bid will be delivered on time or delivered at all. If bidder does not hand deliver bid, it is suggested that he/she use some sort of delivery service that provides a receipt.
- 1.4 Bids may be withdrawn prior to the above scheduled time set for closing of the bids. Any bid received after the time and date specified will not be considered.
- 1.5 The Town of Addison reserves the right to postpone the date and time for opening bids through an addendum.

2.0 ADDENDA AND EXPLANATIONS

- 2.1 Bidders having any questions regarding the true meaning of the specifications or terms and conditions shall submit these questions to the Purchasing Coordinator. Any and all interpretations or supplemental instructions, which, if issued, will be sent to all prospective bidders. A copy of all addenda issued must be signed and returned with your bid.

3.0 TAXES

All bids are required to be submitted without State Sales tax. The Town of Addison is exempt from payment of such taxes and a Tax Exemption Certificate will be executed for the successful bidder.

4.0 SCOPE OF WORK

The work under this contract shall consist of the items or services contained in the bid, including all materials, equipment, labor and all other items necessary to complete said work in accordance with the contract documents.

5.0 EXAMINATION OF CONTRACT DOCUMENTS AND SITES

- 5.1 Before submitting a bid, each bidder must thoroughly examine the contract documents and project site to ensure that the services you are proposing meets the intent of these specifications.
- 5.2 The Town of Addison is not responsible for incomplete bid packets.
- 5.3 Bidders are instructed to return all pages of the bid packet that contain written responses.

6.0 BIDDING

- 6.1 Bidders are instructed to consider the following factors in preparation of your bid:
 - a. Bids shall remain firm for a period of 45 calendar days after the scheduled bid opening.
 - b. Exceptions to any specifications, or part thereof, must be clearly stated and included with your Bid Proposal Form.
 - c. Bidders are instructed to include all necessary charges, related to this contract.

7.0 AWARD OF CONTRACT

- 7.1 The Town of Addison reserves the right to reject any or all bids, reject any particular item on a bid, and to waive immaterial formalities. The contract will be awarded to the lowest responsible bidder whose bid is most advantageous to the city, price and other factors considered. Award may be by line item or in total, at the sole discretion of the Town of Addison.
- 7.2 Award will be based upon an analysis of the following criteria: Bidders ability to produce the goods or services requested, performance on similar contracts, and an evaluation of the bidder's understanding of the purchaser's needs. To demonstrate bidder's qualifications to perform the work, each bidder must submit with their bid, five (5) customer references for similar projects, including name of customer, telephone number and individual to contact.
- 7.3 The anticipated start date is as soon as practical after the bid is awarded. The Contractor will have thirty (30) calendar days to finish the project, from start date to completion of the project. (The owner feels this project can easily be completed in thirty days or less)
- 7.4 One contract shall be awarded to the lowest responsive bidder based on the total of improvements on all three street segments combined.

8.0 CERTIFICATES OF INSURANCE REQUIRED

- 8.1 The Contractor shall agree to furnish and maintain, during the period of this agreement, insurance coverage meeting the following requirements:
 - a. Commercial General Liability Insurance at minimum combined single limits of \$500,000 per occurrence and \$1,000,000 general aggregate for Bodily Injury and Property Damage, which coverage shall include Products/Completed Operations,

(\$1,000,000 Products/Completed Operations Aggregate) and XCU (explosion, collapse & underground) Hazards. Coverage for Products/ Completed Operations must be maintained for at least two (2) years after the work is completed. Coverage must be written on an Occurrence Form. Contractual Liability must be maintained with respect to the contractor's obligations contained in the contract.

- b. Workers Compensation insurance at statutory limits, including employers liability coverage at minimum limits of \$100,000 per occurrence - each accident, \$100,000 per occurrence - disease, and \$500,000 aggregate - disease.
- c. Commercial automobile liability insurance at minimum combined single limits of \$500,000. per occurrence for owned, non-owned and hired coverage.

8.2 Contractor shall provide the following endorsements:

- a. Named insured wording which includes the Contractor and the Town of Addison with respect to general liability, automobile liability.
- b. All liability policies shall contain cross liability and severability of interest clauses.
- c. A waiver of subrogation in favor of the Town of Addison with respect to the worker's compensation insurance and all other insurance policies.
- d. The policy shall be endorsed to require the insured to immediately notify the Town of Addison of any material changes in the insurance coverage.

8.3 All insurance shall be purchased from an insurance company, which meets the following requirement:

- a. Must be issued by a carrier, which is rated "A-1" or better by A.M. Best's Key Rating Guide.
- b. Licensed and admitted to do business in the State of Texas and is a subscriber to the Texas Guaranty Fund.

8.4 All insurance must be written on forms filed with and approved by the Texas State Board of Insurance. Certificates of insurance shall be prepared and executed by the insurance company or it's authorized agent and shall contain provisions representing and warranting the following:

- a. The company is licensed and admitted to do business in the state of Texas.
- b. The Texas State Board of Insurance has approved the company's forms.
- c. Sets forth all endorsements as required above.
- d. The Town of Addison will receive at least thirty (30) days notice prior to cancellation or termination of insurance.

9.0 BONDS REQUIRED

Bonds must be executed prior to beginning work on the project and must be executed by a corporate surety authorized and admitted to do business in the State of Texas and licensed by the State to issue surety bonds. The Surety must be listed in the most recent U.S. Treasury Department's "List of Acceptable Sureties", issued annually on July 1.

- 9.1 The **Bid Bond** shall be made payable to the Town of Addison in the amount of five per cent (5%) of the Bidders total bid price. Security shall be in the form of a certified bank check or a Bid Bond issued by a corporate surety authorized and admitted to do business in the State of Texas and licensed by the State to issue surety bonds. The surety shall also appear as a qualified surety on the list from the U.S. Treasury Department

All bonds shall be signed by Contractor as principal and by an established bonding company approved by Owner, as surety.

Bonds shall be accompanied by appropriate power-of-attorney clearly establishing extent and limitations of authority of each signer to so sign, and where the work is performed and to whom any requisite notices may be delivered and on whom service of process may be had in matters arising out of such suretyship.

All bonds shall be made on forms complying with requirements of laws of the State of Texas.

10.0 RESOLUTION OF DISPUTES

The parties hereby covenant and agree that in the event of any controversy, dispute, or claim of whatever nature arising out of, in connection with or in relation to the interpretation, performance or breach of this agreement, including but not limited to any claims based on contract, tort or statute before filing a lawsuit the parties agree to submit the matter to Alternative Dispute Resolution pursuant to the laws of the State of Texas. The parties shall select a third party arbitrator or mediator from the current list of neutrals on file with the Alternative Dispute Resolution Administrator of the Dallas County District Courts. All forms of Alternative Dispute Resolution may be used except binding arbitration. The proceedings shall be conducted in accordance with the laws of the State of Texas.

11.0 NON DISCRIMINATION POLICY

It is the policy of the Town of Addison to afford all people an equal opportunity to bid on any contract being let by the Town.

The Town of Addison has a policy that prohibits discrimination against any person because of race, color, sex, or national origin, in the award or performance of any contract.

The Town of Addison will require its employees, agents, and contractors to adhere to this policy.

BID FORM
Technology Infrastructure Replacement
BID 09-07

PRINT

Company Name: _____

Full Mailing Address: _____

Phone Number: (____) _____ Fax (____) _____

I have received, read, and will abide by all pages of these specifications. I am a legal agent of the above named company and am fully authorized to sign this bid. Affiant further states that Bidder has not paid, given, or donated or agreed to pay, give or donate to any officer or employee of the Town of Addison any money or other thing of value, either directly or indirectly, in award of the Bid.

Authorized Signature	Print Name/Title	Date
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TOTAL MATERIALS AND SERVICES \$ _____

Calendar days from Notice to Proceed to Completion of Work _____ days

QUALIFICATION OF BIDDER STATEMENT

BIDDER: _____

PROJECT: _____

Authorized Signature

Print Name/Title

Date

COMPANY INFORMATION:

Number of years in your business? _____

Number of years at current location? _____

Do you maintain a permanent commercial business office? _____

Have you or any present partners or officers failed to complete a contract: _____ If yes, give name of owner and/or surety?

Can you be reached 24 hours a day (in an emergency)? _____

By what means? Pager# _____ Cell Phone# _____

Answer Svc# _____ Other# _____

INSURANCE:

Do you meet all insurance requirements as stipulated in the specifications? _____

Does your company engage in building or construction as its primary business? ____ Yes ____ No

If yes, please include information on your Workers Compensation policy along with this bid.
State law requires that contractors engaging in building and construction must have Workers
Compensation insurance coverage.

BANKING REFERENCE:

Name of Bank _____ Officer's Name _____

Telephone Number _____ Years business with Bank _____

CUSTOMER REFERENCES

Users you have provided with this product or service. Please use comparable projects and government entities, if any.

<u>COMPANY NAME</u>	<u>PROJECT</u>	<u>CONTACT NAME</u>	<u>PHONE NUMBER</u>

BIDDER CHECKLIST

Y or N to the following questions

___ Qualification of Bidder statement completed?

___ Bid signed?

___ Bid meets or exceeds all specifications?

___ Bid bond included?

___ I have visited the site and performed a close-up visual inspection of the site conditions

Exceptions/Comments: (separate sheet if necessary)

**Technology Infrastructure Replacement
Bid 09-07
INSURANCE REQUIREMENT AFFIDAVIT
(SUPPLEMENTAL INFORMATION)**

To be completed by appropriate insurance agent

I, the undersigned agent, certify that the insurance requirements contained in this bid document have been reviewed by me with the below identified vendor. If the below identified vendor is awarded this contract by the Town of Addison, I will be able, within ten (10) days after being notified of such potential award, to furnish a valid insurance certificate to the Town meeting all of the requirements contained in this bid.

Agent's Signature

Agent's Name Printed

Name of Insurance Carrier

Phone Number of Agent

Address of Agency

City, State, Zip

Vendor's Name

SUBSCRIBED AND SWORN to before me by the above named _____

on this _____ day of _____, 2008.

Notary Public

Note to Bidder:

This form cannot be submitted with your bid as it must be completed by your insurance agent. Fax this form to your insurance agent and have them fax it to the Town of Addison at 972-450-7065. This form must be received by Purchasing before or within 48 hours of the bid closing date.

Note to Agent:

If this time requirement is not met, The Town of Addison has the right to declare this vendor non-responsive and award the contract to the next lowest responsible bidder meeting the specifications. If you have any questions concerning these requirements, please contact a Strategic Services representative at 972-450-7090.

Request For Proposal

Replacement of the Town's Technology Infrastructure



A Request for Proposal

A Partnership for Replacement of the Town's
Technology Infrastructure

Date Issued: Friday, February 13, 2009

Date Due: Friday, March 20, 2009



Request for Proposal

Replacement of the Town's Technology Infrastructure

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Replacement of the Town's Technology Infrastructure

1.0 INTRODUCTION

An brief synopsis and Invitation to submit proposals

1.1 THE TOWN OF ADDISON

The Town of Addison is located in the Dallas North Parkway area, which has been referred to as the "golden corridor" of the Dallas metroplex. Aside from the Town of Addison, the area encompasses the Dallas suburbs of Carrollton, Farmers Branch, and Plano. The area, which developed rapidly during the late 1970's and early 1980's is home to affluent residential neighborhoods, over 1,200 million-dollar companies, and scores of quality restaurants. The area commands a central location in reference to Downtown Dallas, DFW airport, and the Plano Corporate Campus area.

Epitomizing the best features of the area is the Town of Addison. The Town places a special emphasis on quality of life, which demands all development meet the most rigorous building requirements. The result of this philosophy has made Addison a cosmopolitan "downtown-uptown" distinguished from almost any other urban area in the nation.

Although it has only 14,166 residents, the Town serves an estimated 55,000 businesspersons, shoppers and visitors every day. The Town's blend of residential, retail, and office uses creates an open environment, which avoids the claustrophobic effect usually associated with densely developed areas.

1.2 INTENT OF THE RFP

This Request for Proposal (RFP) is intended to solicit responses from qualified Vendors and Implementers for the purchase, and replacement of the Town's existing Technology Infrastructure.

1.3 EVENTS & DATES

The following sequences of events and tentative schedule dates have been established.

Request for Proposal Distributed – Friday, February 13, 2009

Copies of this proposal can be obtained through the following media.



Request for Proposal

Replacement of the Town's Technology Infrastructure

Hardcopy/Electronic: Matt McCombs
Office of the Purchasing Coordinator
Addison Finance Building
5350 Belt Line Rd
Addison, TX 75240
Phone: 972-450-7091

Optional Pre-Bid Meeting – Friday March 13, 2009 at 9:00 a.m.

Addison Service Center
16801 Westgrove DR.
Addison, TX 75001

Vendor Sealed Proposals Due – Friday, March 20, 2009 at 10:00 a.m.

Proposals shall be enclosed in a sealed envelope or carton and will be received until Friday, March 20, 2009 at 10:00 a.m., CST. No late proposals will be accepted.

Vendor must clearly mark on outside of proposal envelope/package the following.

Company name, address, and bid name:

RFP 09-07 Replacement of the Town's Technology Infrastructure

Submit to: Office of the Purchasing Coordinator
Addison Finance Building
5350 Belt Line Rd
Addison, Texas 75240

1.4 CONTACT INFORMATION

Please direct all procurement and administrative questions to **Matt McCombs, the Town's Purchasing Coordinator at 972-450-7091 or mmccombs@addisontx.gov**

All other questions related to this procurement can be directed to **Hamid Khaleghipour, Information Technology Director at 972-450-2868 or hkhaleghipour@addisontx.gov**



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Replacement of the Town's Technology Infrastructure

2.0 WORK DEFINITION

2.1 PRODUCTION SUPPORT

The solution must contain sufficient vendor resources **to purchase the entire order**, described in this RFP, and **store it at their facility tentatively for period of 4 months** in order to be delivered on a demand basis to the Town throughout the installation process.

2.2 CURRENT PHYSICAL INVENTORY

For purposes of this proposal the Town wishes to trade-in the following device counts. (**Optional NOT Required**).

[Existing -Network-Gear.xls](#)

[Existing-Server-Inventory.doc](#)

3.0 PROPOSAL FORMAT

The Vendor will define the capabilities of its organization to supply and maintain the hardware and software and provide the services as outlined within this RFP.

The response should be prepared in a simple and straightforward manner. **The Vendor will provide two (2) original, in hard copy format, and one (1) in electronic format (Floppy Disk/CD)** to the location specified within this RFP on or before the closing date and time for receipt of proposals.

The Vendor will segment their proposal into the following sections.

3.1) EXECUTIVE SUMMARY

The Vendor will provide an Executive Summary, which presents in brief, concise terms, a summary level description of the contents of the Proposal.

The Vendor will detail all exceptions to the exact requirements imposed by this RFP.



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Replacement of the Town's Technology Infrastructure

The Vendor will indicate the proposal is firm for one hundred and eighty (180) days after the due date for receipt of proposals or receipt of the last best and final offer submitted.

3.2) VENDOR PROFILE

The Vendor will indicate the primary company assuming overall responsibility for successful completion of the project. In addition, the Vendor will indicate all other companies who will be providing products or services through a subcontracting arrangement with the Vendor or through a separate contract to be negotiated with the Town.

It is important to recognize the Town is looking for a single Vendor to assume primary responsibility for the successful implementation of the proposed solution from contract signing through formal acceptance by the Town.

Vendor profile information will include such items as: the year established, business organization, office locations, financial history, nature of business, strategic direction, industry specialties, software products, hardware products, number of employees, number of client installations, outstanding litigation, and authorized negotiator(s).

3.3) VENDOR QUALIFICATIONS

The Vendor must demonstrate a proven track record in providing reliable technology solutions across a series of successful installation efforts.

The Vendor's record will reflect experience within a similar environment and of a similar nature and magnitude to that being proposed to the Town. Relevant experience must be associated with projects completed not more than three (3) years prior to the date of this RFP. The Vendor will provide a customer reference listing and related contact information for a minimum of five (5) customers for which the Vendor has completed a similar effort.

The Vendor is asked to provide a comprehensive list of customers for review by the Town.

3.4) THE SOLUTION

The Town recognizes that the implementation of an extensive technology infrastructure is a complex effort and that not all possible variables are provided for within this RFP document. Therefore, it is acknowledged that the Vendor may be required to make assumptions regarding the Town's environment or specific requirements. Any assumptions made by the Vendor in regard to this RFP should be documented in-line with the response.



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Replacement of the Town's Technology Infrastructure

Additional detailed review and design activities will take place with the Vendor finalist to refine elements of the proposal, prior to contract negotiation and approval.

3.4.1) THE PROJECT APPROACH

The vendor will present its methodology and approach to completing this project. Each major activity will be identified, discussed and project deliverables identified.

3.4.2) THE TECHNOLOGY COMPONENTS

The Vendor will segment their solution into the components described below.

[Audio Visual.doc](#)

[Checkpoint-Firewall.doc](#)

[Disaster Recovery Solution.doc](#)

[Storage Resource Management Solution.doc](#)

[Email-archiving-description.doc](#)

[Email-security-appliance-spam-description.doc](#)

[Equallogic iSCSI SAN .doc.docx](#)

[KVM description.doc](#)

[Network-Infrastructure.doc](#)

[Server Configuration License Requirements.doc](#)

[Servers-description.doc](#)

[Switch-description.doc](#)

[Wireless Devices.doc](#)

[UPS description.doc](#)



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3.4.3) SOLUTION COSTING

The Vendor will provide a detailed breakdown of all costs required for a successful installation of the proposed solution. The Town encourages the Vendor to fully identify costs. To minimize or hedge on costs will only serve to place the Town and the Vendor at a disadvantage.

The Town is requesting the Vendor provide specific cost information for each described component and sub-total per item.

3.5) OTHER VENDOR INFORMATION

This section will include additional detail, which will allow the Town to gain a greater appreciation for the proposed solution. Any information, which is considered proprietary, should be clearly marked as such. The Town will assume no obligation or liability in the event proprietary information is disclosed.

4.0 TERMS AND CONDITIONS

The terms and conditions under which the Proposal will be made are detailed within this section. The Town views this RFP as the framework to be used by the Vendor in preparing and submitting the proposal.

It is important for the Vendor to become familiar with the paragraph items within this section, as they will prevail in the event of any discrepancies or differences between project related or contractual documents.

4.1 BASIS FOR PROPOSAL

Only information supplied by the Town in writing through the Purchasing Office should be used in the preparation of Vendor Proposals.

Only replies by formal addenda shall be binding. Oral and other interpretations or clarifications shall not be binding. Vendors must acknowledge all addenda by signing and including such documents in the Proposal.

4.2 VENDOR TERMS AND CONDITIONS

The Vendor must submit a complete set of any additional terms and conditions that they propose to have included in a contract negotiated with the Town.

4.3 DISCLOSURE OF PROPOSAL CONTENTS

Proposals shall be opened in a manner that avoids disclosure of the contents to competing Vendors and keeps the proposals secret during negotiations. All



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Replacement of the Town's Technology Infrastructure

proposals are open for public inspection after the contract award, but trade secrets and confidential information in the proposals may not be open for public inspection. Such data must be stamped "**proprietary**" or "**confidential**" on each page on which they appear, must be readily separable from the proposal and may be subject to review by the Attorney General of Texas in accordance with the Texas Open Records Act.

Vendors are advised that the confidentiality of their proposals will be protected by the Town to the extent permitted by law. Vendors are advised to consider the implications of the Texas Open Records Act, particularly after the proposal process has ceased, and a contract has been awarded. While there is provision to protect proprietary information under the Act, where the vendor can meet certain evidentiary standards, please note that a ruling on whether these standards have been met will not be determined by the Purchasing Office of the Town of Addison but by the office of the Attorney General of Texas.

4.4 LATE PROPOSALS

Proposals must be returned in sufficient time so as to be received and date/time stamped at the specified location on or before the published proposal date and time specified. Any proposal received after the time and date set for receipt of proposals is late and cannot be considered.

4.5 SIGNING OF PROPOSALS

The submission and signature of a Proposal shall indicate the intention of the Vendor to adhere to the provisions described in this RFP.

4.6 COST OF PROPOSAL

This Request for Proposal does not commit the Town to pay any costs incurred by any Vendor in preparation and/or submission of a Proposal, or for procuring or contracting for the items to be furnished under the RFP. All costs directly or indirectly related to responding to this RFP (including all costs incurred in supplementary documentation) will be borne by the Vendor.

Each Vendor will be responsible for all costs incurred in preparing or responding to this RFP. The Vendor agrees to bear all risks for loss, injury, or destruction of goods and materials (ordered or supplied as the result of the eventual contract), which might occur prior to delivery to the Town; and such loss, injury, or destruction, shall not release the Vendor from any obligations under this RFP or any resulting contract.



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4.7 CONFLICT OF INTEREST, NON COLLUSION AND ANTI LOBBYING

The Vendor promises that it's officers, employees or agents will not attempt to lobby or influence a vote or recommendation related to the firm's proposal response; directly or indirectly, through any contact with Town Council members or other Town officials between the proposed submission date and award by the Town Council and that there will be non-collusion and non-conflict of interest.

4.8 OWNERSHIP OF PROPOSALS

All documents submitted in response to this Request for Proposal shall become the property of the Town of Addison.

4.9 DISQUALIFICATION OR REJECTION OF PROPOSALS

Vendors may be disqualified for any of the following reasons:

- v There is reason to believe that collusion exists among the Vendors;
- v The Vendor is in arrears on an existing contract or has defaulted on a previous contract with the Town;
- v The Vendor lacks financial stability;
- v The Vendor has failed to perform under previous or present contracts with the Town;
- v The Vendor has failed to use the Town's required forms;
- v The Vendor has failed to adhere to one or more of the provisions established in this RFP;
- v The Vendor has failed to submit ""Itemized Cost Sheet/s"" for all the items including but not limited to, hardware, software, Services, etc., stated in this RFP.
- v The Vendor has failed to submit its Proposal in the format specified herein;
- v The Vendor has failed to submit its Proposal on or before the deadline established herein;
- v The Vendor has failed to adhere to generally accepted ethical and professional principles during the Proposal process;

Proposals may be rejected if they show any alteration of words or figures, additions not called for, conditional or uncalled-for alternate proposals, incomplete proposals, erasures, or irregularities of any kind, or contain any unbalanced values.



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4.10 RIGHT TO WAIVE IRREGULARITIES

Proposals shall be considered as being "irregular" if they show any omissions, alterations of form, additions, or conditions not called for, unauthorized alternate proposals, or irregularities of any kind.

The Town reserves the right to waive minor irregularities and mandatory requirements provided that all responsive proposals failed to meet the same mandatory requirements and the failure to do so does not otherwise materially affect the procurement. This right is at the sole discretion of the Town of Addison.

4.11 WITHDRAWAL OF PROPOSALS

Proposals may be withdrawn by written or telegraphic notice received by the Purchasing Office prior to the exact hour and date specified for receipt of bids. A bid may also be withdrawn in person by a bidder or his authorized representative, provided his identity is made known and he signs a receipt for the bid, but only if the withdrawal is made prior to the exact hour and date set for the receipt of bids.

4.12 AMENDING OF PROPOSALS

A Vendor must submit an amended proposal before the deadline for receipt of proposals. Such amended proposals must be complete replacements of a previously submitted proposal and must be clearly identified as such in the transmittal letter. The Town will not merge, collate, or assemble proposal materials.

4.13 PROPOSAL OFFER FIRM

Responses to this RFP, including cost, will be considered firm for one hundred and eighty (180) days after the due date for receipt of proposals or receipt of the last best and final offer submitted. All Proposals must include a statement to that effect.

4.14 EXCEPTIONS TO RFP SPECIFICATIONS

Although the specifications stated in the RFP represent the Town's anticipated needs, there may be instances in which it is in the Town's interest to permit exceptions to specifications and accept alternatives.

It is extremely important that the Vendor make very clear where exceptions are taken to the specifications and how the Vendor will provide alternatives. Therefore, exceptions, conditions, or qualifications to the provisions of the



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Town's specifications must be clearly identified as such together with reasons for taking exception, and inserted into the Proposal. If the Vendor does not make clear that an exception is being taken, the Town will assume the Proposal is responding to and will meet the specification as written.

Where the Vendor does not agree with the Town's terms and conditions, we require the proposal to enumerate the specific clauses, which the Vendor wishes to amend or delete and suggest alternative wording. Any minimum terms to which the Town will have to agree to in order to enter into a contract with the Vendor and which the Vendor considers to be a "deal breaker" **MUST BE SUBMITTED WITH THE PROPOSAL.**

4.15 CONSIDERATION OF PROPOSALS

Discussions may be conducted with responsible Vendors capable of being selected for award for the purpose of clarification to assure full understanding of, and responsiveness to, the solicitation requirements. In conducting discussions, there shall be no disclosure of any information derived from proposals submitted by competing Vendors.

Until award of the contract is made by the Town, the right will be reserved to reject any or all proposals and waive technicalities, to re-advertise for new proposals, or to proceed with the work in any manner as may be considered in the best interest of the Town.

4.16 TERMINATION

The Town reserves the right, by and through its City Manager and in the City Manager's sole and unqualified discretion, to cancel this RFP at any time and for any reason. The Town reserves the right to reject any or all proposals submitted in response to this RFP. In addition, the Town reserves the right, in its sole and unqualified discretion, to accept, in whole or in part, a vendor's proposal submitted in response to this RFP.

4.17 GOVERNING LAW

The Contract will be governed by the laws of the State of Texas. All duties of both parties shall be performed in Dallas County, Texas. The applicable law for any legal dispute arising out of the Contract shall be the law of the State of Texas.

4.18 NO OBLIGATION

This procurement in no manner obligates the Town or any of its agencies to the eventual rental, lease, or purchase of any software, hardware, or services offered until confirmed by an executed written contract.



Request for Proposal

Replacement of the Town's Technology Infrastructure

4.19 AWARD OF CONTRACT

The Town reserves the right to withhold final action on Proposals for a reasonable time, not to exceed one hundred eighty (180) days after the date of opening proposals, and in no event will an award be made until further investigations have been made as to the responsibility of the proposed Vendor.

The award of the contract, if an award is made, will be to the most responsible and responsive Vendor whose Proposal meets the requirements and criteria set forth in the Request for Proposal and whose Proposal is determined to be the most advantageous to the Town considering the requirements and criteria set forth herein. The Town reserves the right, in its sole discretion, to abandon, without obligation to the Vendor, any part of the project or the entire project, at any time before the Vendor begins any work authorized by the issuance of a Notice to Proceed by the Town.

The award of the contract shall not become effective until the contract has been executed by the Vendor and the Town.

4.20 EXECUTION OF CONTRACT

The Town Council shall authorize award of a contract to the successful Vendor and shall designate the successful Vendor as the Town's Vendor. The Town will require the Vendor to sign the necessary documents entering into the required Contract with the Town and to provide the necessary evidence of insurance as required under the contract documents.

No contract for this project may be signed by the Town without the authorization of the Addison Town Council. No Contract shall be binding on the Town until it has been approved as to form by the Town Attorney, and executed by the Town's City Manager.

4.21 PROPOSAL EVALUATION PROCESS

The contract may be awarded to the Vendor whose Proposal is determined to be the most advantageous to the Town. In rendering this decision, the following evaluation criteria may be utilized.

Item	Evaluation Category	Award
1	Vendor Award	30%



Request for Proposal

Replacement of the Town's Technology Infrastructure

2	Cost Award	60%
3	Responsiveness Award	10%
	Total Award	100%

Vendor Award

Points may be awarded based upon proposals, which minimize the risks associated with a project of this nature. The Town will consider factors such as: number of years in business, experience level, client references, resource availability, technical platforms, project approach, staffing levels, and support levels.

Cost Award

Points may be awarded based upon the reasonableness of the Vendors cost proposal, and the completeness, accuracy and level of cost detail provided.

Responsiveness Award

Points may be awarded based upon the Vendor's proposal completeness, level of detail, and conformance to Town instructions.

5.0 COST SHEETS

The Vendor is required to complete and return an **Itemized Cost, in Excel Spread Sheet Format**, with sub-total and Grand-total figures, for described equipments in this RFP as part of their proposal.

Existing Network Gear

<u>Asset Name</u>	<u>Manuf</u>	<u>Model</u>	<u>Details</u>
13153	D-Link	DES-1228P	AF2 Viceo Camera Project 9/2007
13157	D-Link	DSS-16P	AF2 Video Camera Project 9/2007
13606	D-Link	DES-1228P	AF2 Video Camera Project 9/2007
13608	D-Link	DES-1228P	AF2 Video Camera Project 9/2007
11461 Hub	HP	12TXM	NULL
AF2 SWT1	Cisco	WS-C2950SC-24	
AF2 SWT2	Cisco	WS-C2950SX-24	
AF2 SWT3	Cisco	WS-C2950SX-24	
CP Hub	D-Link	DSS-16+	
CT SWT1	Cisco	WS-2950SX-24	
CT SWT2	Cisco	Ws-C2950SX-24	
DMZ SWT	Cisco	WS-C2950-12	
FIN SWT1	Cisco	WS-C2950SX-24	
FIN SWT2	Cisco	WS-C2950SX-24	
Hub Lab1	HP	12TXM	
Hub Lab2	HP	12TXM	
Hub Web-Block	HP	ProCurve 10/100	
IP SWT	Cisco	WS-C2950-12	
PF SWT1	Cisco	WS-C3550-12T	
PF SWT1-1	Cisco	WS-C2950SX-24	
PF SWT1-2	Cisco	WS-C2950SX-24	
PF SWT1-3	Cisco	WS-2950SX-24	
PF SWT1-4	Cisco	WS-C2950SX-24	
PF SWT1-5	Cisco	WS-C2950SX-24	
PF SWT1-6	Cisco	WS-C2950SX-24	

Existing Network Gear

PF SWT1-7	Cisco	WS-C2950S-24	
PF SWT2	HP	ProCurve 1600M	
PS SWT1	HP	ProCurve 1600M	
PS SWT2	HP	ProCurve 1600M	
PS SWT3	HP	ProCurve 1600M	
PS SWT4	HP	ProCurve 1600M	
PS SWT5	HP	ProCurve 1600M	
SC SWT 1	Cisco	Catalyst 4506	
SC SWT 2	Cisco	WS-C2950SX-24	
SC SWT 2-1	Cisco	WS-C2950SX-24	
SC SWT 2-2	Cisco	WS-C2950SX-24	
SC SWT 2-3	Cisco	WS-C2950SX-24	
SC SWT 2-4	Cisco	WS-C2950SX-24	
SC SWT LAB 2	Cisco	WS-C2950SX-12	
TH SWT1	Cisco	WS-2950SX-24	
TH SWT2	Cisco	WS-CS950SX-24	
TH SWT3	Netgear	FS605NA	5 port 10/100
11462 RTR	Cisco	1601	
AC RTR	Cisco	1604	
AF2 RTR	Cisco	2620XM	
CP RTR	Cisco	2610	
CT RTR	Cisco	2620XM	
FIN RTR	Cisco	2620XM	
IP RTR	Cisco	2621	
PF RTR 1 GG	Cisco	2620XM	
PF RTR 2 ACL	Cisco	2621	

Existing Network Gear

PF RTR 3 Storefront	Cisco	2610
PF TBR FB	Cisco	2611
SC RTR 1	Cisco	3745
TH RTR	Cisco	2620XM
TSF RTR	Cisco	1604

Existing Server Inventory

<u>System Name</u>	<u>Product Model</u>	<u>Serial Number</u>
pf-padcom1	ProLiant DL360 G3	EM43MU0437
pf-padcom2	ProLiant DL360 G3	EAP5KYDZ32
af2-fs1	ProLiant ML370 G3	D310KJ44H225
af2-recware	HP NetServer LC 2000r	US11131555
carserver	HP NetServer LC 2000	US12118606
ct-espsql	HP NetServer LP 2000r	US14941505
ct-fs1	ProLiant ML370 G3	D307KJ44H018
fc-fs1	ProLiant ML370 G3	D311KJ44H143
fc-gems	ProLiant DL380 G3	D315KJN2H152
pf-coban	ProLiant DL380 G3	ECGLKJNZ2W
pf-emsfax	Evo D510 CMT	U229KN8ZA827
pf-fs1	ProLiant ML370 G3	D316KJ44H031
pf-fs2print	ProLiant DL380 G3	D316KJN2H926
pf-videosrv	Poweredge 2900	
sc-bindview	ProLiant DL380 G3	D315KJN2H151
sc-cim	ProLiant DL380 G3	D314KJN2H915
sc-citrix	ProLiant DL380 G3	6260TMQOI19Q
sc-com	ProLiant DL380 G2	D228JZG2H336
sc-dc1	ProLiant DL380 G3	D309LDN1H443
sc-dc2	ProLiant DL380 G3	D309LDN1H442
sc-exchange	ProLiant DL380 G3	D306LDN1J192
sc-fs1	ProLiant DL380 G3	D309KJN2H821
sc-fwconsole	ProLiant DL380 G3	D316KJN2H114
sc-gemsweb	ProLiant DL380 G2	D233JZG2G124
sc-gis	HP NetServer LP 2000r	US14040624
sc-help	ProLiant DL380 G2	D228JZG2D178
sc-landesk	HP NetServer LP 2000r	US21940963
sc-monitor	ProLiant DL380 G3	D315KJN2H153
sc-nai	HP NetServer LP 2000r	US22640136
sc-print	ProLiant DL380 G3	D310KJN2H867
sc-sql	ProLiant DL380 G3	D316KJN2H048
sc-webblock	ProLiant DL380 G2	D228JZG2H323
th-fs1	ProLiant ML370 G3	D311KJ44H168

Audio Visual Solution

INTENT

The Town of Addison Information Technology Department is soliciting sealed written proposals from qualified vendors to renovate, furnish and install audio visual presentation systems to the Town's various conference and meeting rooms. We are deferring to the knowledge, expertise and experience of the vendor to propose components as well as cost saving alternatives.

Examples: Mounted motorized screens versus manual screens. Projection systems versus flat panel displays.

Proposal responses must address all aspects of system design, installation and where applicable, integration with current equipment.

REQUIRED SYSTEM FUNCTIONALITY AND FEATURES

The primary use of the system(s) will be to allow for quick and easy set up of presentations by Town staff as well as outsiders wishing to present information via digital/computer generated media.

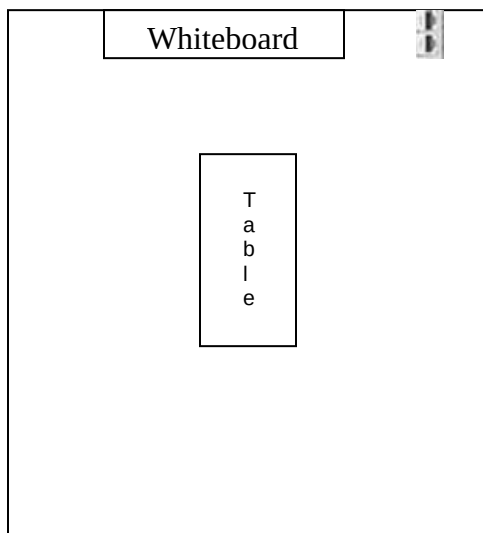
The Town will provide any and all necessary cabling work which may be required to facilitate installation of the system(s). Proposal shall include a written detail of cabling requirements.

Conference Rooms locations and specifications

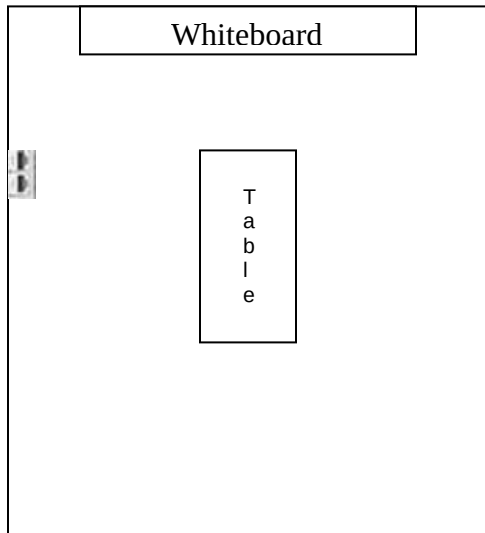
Service Center – 16801 Westgrove Drive

Upstairs: Approximate room size: 20' L x 14' W

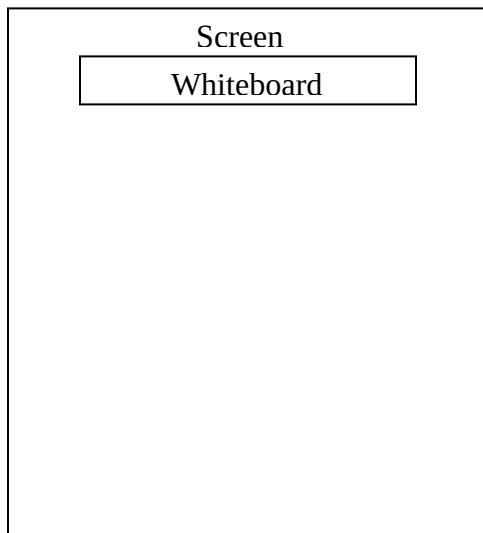
Existing whiteboard approx. 4'L x 4'W; existing network drop



Downstairs: Approximate room size: 18' L x 14' W
Existing whiteboard 4' L x 5' W and existing network drop

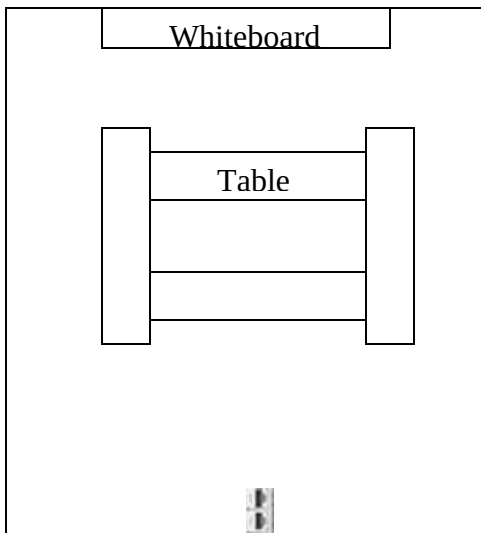


Breakroom: Approximate room size: 34' L x 32' W
Existing whiteboard 8' L x 4' W, manual screen
No network drop



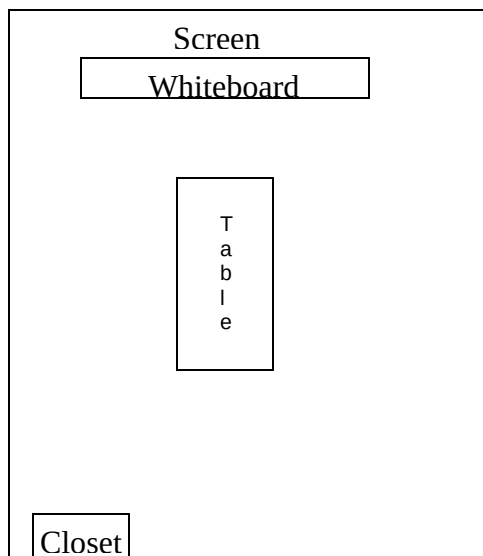
Finance Building – 5350 Belt Line Road

Upstairs: Approximate room size: 20' L x 24' W
Existing whiteboard approx. 4'L x 4'W; existing network drop



Town Hall – 5300 Belt Line Road

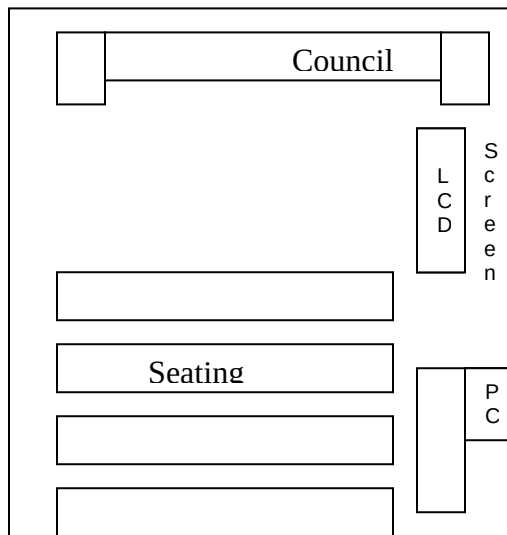
Upstairs: Approximate room size: 13' L x 11' W
Existing whiteboard approx. 11' L x 4' W, manual screen
No network drop
Mounted projector could be an issue due to chandelier
Possibly can use flat screen with TV hook up
Possibly house equipment in closet



Town Hall
Conference Room
2nd view



Council Chambers: Currently utilize a flat panel monitor encased in a credenza
Manual screen
Multiple network drops located at Council desk
PC for recording audio
PC for presentations



Council Chambers
PC and Recorder PC



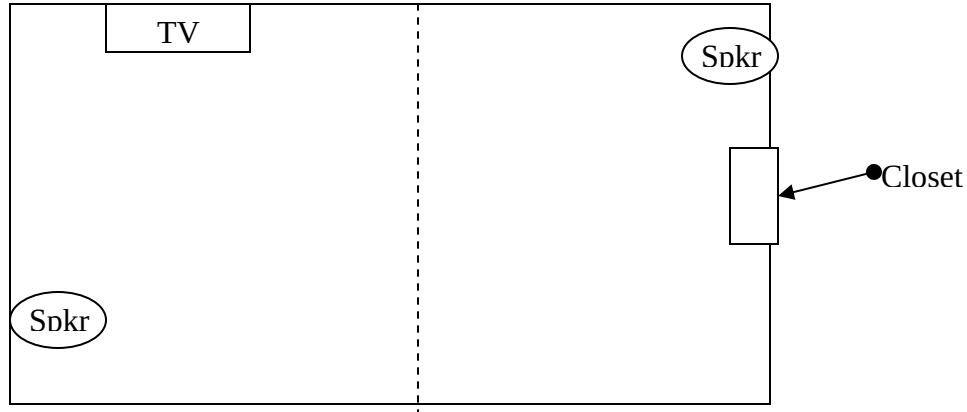
Living Room: Used as spill over from council chambers
Existing Speaker
Can possibly relocate existing LCD here
No network drop



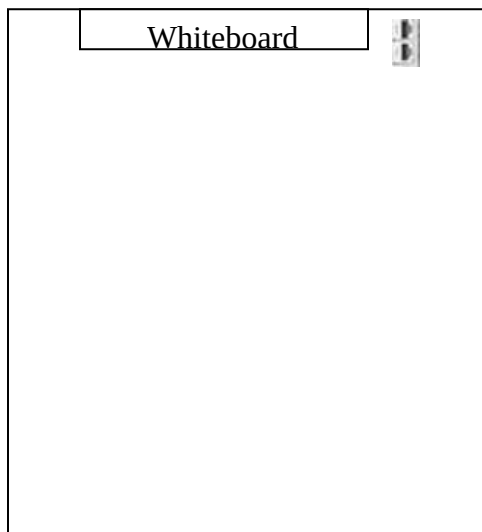
Spkr

Athletic Club – 3900 Beltway Drive

Downstairs – Multipurpose Room: Homeowner association meetings,
Kids summer camp – play wii games and watch movies
May need to divide room at times for different activities
Approximate room size: 20' L x 40' W
Existing TV and speakers
No network drop



Upstairs: Approximate room size: 22' L x 20' W
Existing whiteboard approx. 4' L x 4' W; Network Drop



Police – 4799 Airport Parkway

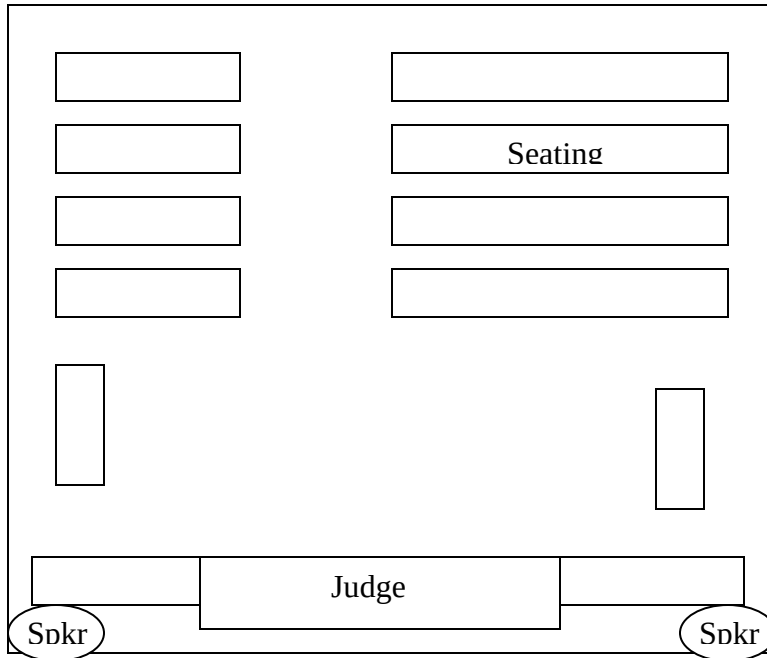
Court Room: Approximate room size: 38' L x 22' W

Movable white board; movable TV with video

Existing speakers at front of room

Room used for court cases as well as training.

Would like ability to view video as well as documents presented at trials. Judge controls audio kept behind bench

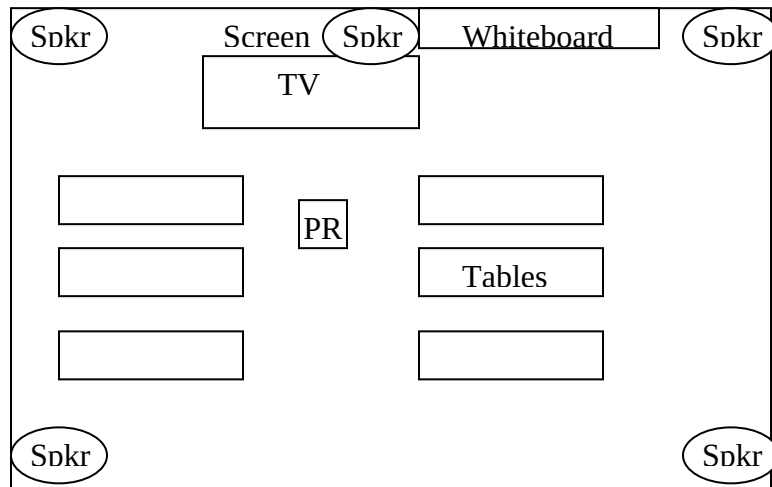


Fire Station 1 – 4798 Airport Parkway

Training Room/ EOC: Approximate room size: 34' L x 20' W
Has mounted projector, automatic screen
Whiteboard Approx. 5' X 5'
Speakers, TV, PC niche
Numerous network drops along side walls

This room is our emergency operations center. We would like the ability to see multiple media at one time.

Example: News station, weather station, video and pc data.



Requirements:

- * Multi-layer, stateful firewall
- * Intrusion prevention
- * Antivirus
- * Messaging security and anti-spam
- * Anti-spyware
- * Web application firewall
- * VPNs
- * Web filtering
- * Integrated endpoint security

The solution should simplify our network security and lowering associated costs, while strengthening organization defenses.

In summary, we are looking for best of breed firewall, intrusion prevention, antivirus, anti-spyware, Web application firewall, VoIP security, instant messaging (IM) and peer-to-peer (P2P) blocking, URL Filtering, as well as secure site-to-site and remote access connectivity. Also, should we decide at a future time to deploy an Endpoint client to our workstations, there should be an option for cooperative enforcement where the appliance and endpoint solution intuitively communicate with each other and ensure desktop compliance.

Qty	Item ID	Description
1	CPUTM-APP-TS3-M2070	Check Point UTM-1 2070 with 3 Years Total Security Licenses. 2800Mbps Firewall,
1	CPUTM-APP-HA-TS3-M2070	Check Point UTM-1 2070 with 3 Years Total Security License for High availability
1	CREDIT CPMP-HVG-U-NG	Credit Existing Software. Cert Key: B7A538C14E1A
2	CPUTM-SMDF-M2070	3 Years of Check Point Smart Defense Services for each UTM-1 2070
1	PREMIUM TOTAL SECURITY-3-YEAR	3 Year Premium (24x7) Collaborative Enterprise Support for Primary UTM-1 2070
1	PREMIUM TOTAL SECURITY-3 YEAR FOR HA	3 Year PREMIUM (24x7) Collaborative Enterprise Support for High availability UTM-1 2070
1	SERVICES DAILY	Implementation and Knowledge Transfer available at a Daily or Hourly Rate. Estimated Project time is 2 Days. Ongoing Maintenance and Management Negotiable
0	SERVICES HOURLY	Implementation and Knowledge Transfer available at a Daily or Hourly Rate. Estimated Project time is 2 Days. Ongoing Maintenance and Management Negotiable

Disaster Recovery Software:

Requirements:

- Ability to create an exact Windows server disk image, including operating system, databases, and applications,
- Ability to restore a disk image to different hardware or to a virtual machine, providing complete disaster recovery,
- Ability to migrate systems between any virtual and physical servers.

Product number and description below:

Acronis® **True Image Echo™ Server for Windows (9)**

Acronis® Universal Restore (9)

Software support and maintenance (5 years).

Storage Resource Management Solution:

Product number and description below:

Qty	Part #	Description
		Windows Servers <1 TB (Local and SAN)
7	NSS-SM-L-00104	Northern Storage Suite Small Host (<1 TB) Server License
7	NSS-SM-C-00104	Northern Storage Suite Small Host (<1 TB) Server Premium Support
		Premium Support will be Valid until 12 Months at Purchase
1		Electronic Media
1	NSS-WB-TR	Custom Web Based Training up to 2 hours (Optional)
		We also Offer On-Site Training. Please Call to Request

Email Archiving Solution:

Requirements:

1. Integrated Archiving, Data Protection, and Disaster Recovery
2. Comprehensive Data Capture and Discovery Capabilities
3. No Journaling or MAPI for Data Capture
4. Lowest TCO and Ease of Deployment

The solution should not only simplify IT Administrators to move their users to Exchange Server 2007 but also empower our users with more self-service capability to manage email.

Product number and description below:

Option 1:

Mimosa NearPoint for MS Exchange Solution - 250 Mailboxes	MNE-SOLCAL250 Base option
Support & Maintenance (3 years)	MNE-SOLCAL- PM
Mimosa NearPoint PST Archive Option - 250 Mailboxes	MNE-PSTCAL250 PST option
Support & Maintenance (3 years)	MNE-PSTCAL- PM
Mimosa NearPoint eDiscovery Option - 250 Mailboxes	MNE-EDCAL250 Ediscovery option
Support & Maintenance (3 years)	MNE-EDCAL-PM
NearPoint base installation and configuration including SQL server, PST and file system ingestion, setting up archiving schedules, eDiscovery setup and training and a NearPoint Archiving run book for up to 250 mailboxes, one file server with up to 2TB of data and in one location. Does not include Disaster Recovery. All work will be done remotely.	MNE-PS- BPSTEDFSA250

Option 2:

MNE-ENTCCAL250-BUNDLE (Mimosa NearPoint - Enterprise Content Archiving Solution (Includes Base, PST, DR, eD, FSA options))

MNE-ENTCCAL-BUNDLE-PM (Mimosa Maintenance & Support) 3 years.

Email Security Appliance Solution:

Requirements:

1. Performance: (eliminates the bottlenecks that slow down legacy MTAs.)
2. Virus Outbreak Filter
3. Spam Detection (Spam filtering effectiveness)
4. False Positives (the lowest false-positive rate on the market, as proven by numerous published reviews.)
5. Reporting (dozens of integrated reports that track hundreds of counters in the email system to give administrators and managers a complete and easy-to-understand view of their email traffic. Online real-time reporting is lightning fast for even the largest sites, and regularly scheduled email reports can be delivered in PDF format.
6. Support (customer support as the best in the industry)
7. Not a windows based OS

Product Part # and Description:

Option1:

EBUN-1A-EN-SQR-1Y-250 (1 year subscription email bundle for 250 users, with Anti Spam, AV, and Virus Outbreak Filter)

Option 2:

EBUN-1A-EN-SQR-5Y-250 (5 year subscription email bundle for 250 users, with Anti Spam, AV, and Virus Outbreak Filter)

Option 3:

EBUN-1A-EN-SQRT-1Y-250 (1 year subscription email bundle for 250 users, with Anti Spam, AV, encryption, and Virus Outbreak Filter)

Option 4:

EBUN-1A-EN-SQRT-5Y-250 (5 year subscription email bundle for 250 users, with Anti Spam, AV, encryption, and Virus Outbreak Filter)

iSCSI SAN / Virtualized Storage

Solution must provide SAN based data storage consolidation, support for high performance application , and meet system and application high availability and reliability requirements for Town of Addison IT operations. The solution should also address requirements for data growth and disaster recovery architecture planning while offering full compatibility for a server virtualization environment.

Minimum Feature and Functional Requirements:

- Dual arrays providing production and replication capacity for primary and PD data centers. 16 TB raw capacity per array.
- Licensing and maintenance: Quote includes 5 year support options including all related software, software maintenance, and hardware maintenance, with no license limitations on number of servers.
- Virtualized storage with demonstrated ease-of-use features for rapid implementation and storage provisioning.
- Performance scaling through multi-array data structure striping and performance management.
- Load balancing: Automatic disk pooling and load balancing must allow for pooling different RAID levels with different generations of disks and controllers without slowing the faster hardware down to match the slower.
- Configurable for RAID 5, 10, 50, and 6
- Dual purpose built storage controllers must be fully redundant with no demonstrated loss of performance in the event of a controller failure. Controllers must be hot-swappable without requirement to halt, quiesce, or re-boot the storage device. System must survive storage controller failure without reduction in the solution's controller performance or available disk performance.
- Non-disruptive controller upgrades: Must support firmware upgrades without application downtime and without compromising cache redundancy.
- Minimum of 1 Gbyte controller cache supporting read and write cache operations (per controller).
- Controller cache is to be protected through battery backup in the event of power outage.
- VMware Site Recovery Manager integration tools for fully automated SAN operations
- Dual power supplies, fully redundant and hot-swappable.
- Fully imbedded enhancement software features:
 - o Software must include server-resident software for up to 50 servers for multipathing, Windows server configuration onto the SAN, application recovery integration for snapshots, clones, and remote replicas for SQL, Exchange and running VMware virtual machines.
 - o Software must include command line access, performance logging and management, centralized management of the vendor's storage solutions.

- o Snapshots
 - Controllable through user defined scheduler for frequency and depth.
 - Provide instant restore of full data volumes.
 - Support at least 100 snapshots per volume and be tested to at least 5,000 per solution.
 - Instant restore of a primary volume to match the state of a snapshot of that volume (and do so without loss of performance following the restore)
 - o Volume cloning – instant clone copy of production volume and/or selected snapshot
 - o Thin provisioning – providing controlled over subscription of underlying storage assets with fully automated allocation routines for dynamic allocation control
- Volume migration - Online volume migration to different storage controllers and physical disks. Online volume migration to different RAID set layouts must preserve snapshot and replication processes.
- Replication – supports replication of production volumes and VMFS instances, supports VMware remote recovery procedures for iSCSI SAN.
 - o Replication must provide for access to volumes made from remote replicas without disrupting replication, for testing replication and DR routines.
 - o Option to transmit changes via removable media: In the event that very large amounts of data are changed quickly, the storage must facilitate the use of tape or removable disk as a means of getting the changes replicated to the remote site, after which time the storage will maintain the replicas by replicating only the future changes.
 - o Incremental site failback for long-distance replication: In the event of infrastructure issues that the primary site short of physical destruction, the solution must allow failover to the remote site WITHOUT requiring back-wards replication of all the data in order to switch production back to the primary site. This is known as incremental failback: sending from the remote site to the primary site only the data affected by operations conducted at the remote site while the primary site was inaccessible.
- Application integration and support software: Includes application recovery integration for SQL and Exchange and VMware virtual machines. Make and retain application-synchronized snapshots, clones, and remote replicas independent of any backup application and allow SQL or Exchange or VMware administrators to perform their own partial or full restores from snapshots or remote replicas, without assistance from the storage administrator. Microsoft VSS support is necessary but not sufficient.
- Asset redeployment: Solution must support non-disruptive asset retirement or re-deployment. Remove disks and controllers online and without compromising local and remote replication and without requiring manual storage re-configuration and without compromising redundancy.

Summary:

Storage solution must provide required capacity for primary and remote replication sites while enhancing overall performance. The above listed architectural features and functions describe the minimum requirements for this solution.

Below is the configuration for storage and 3 year Next Business Day Service		quantity
SKU#	Description	
223-6497	PS5000E SATA Drives	2
341-6469	16TB RAW, Dual Controller	2
987-6280	1 year Complete Care	2
983-7444	4 year Compete Care	2
983-7474	Advanced Technical Telephone Support, 7x24 access 5 year	2
990-0527	Base hardware warranty and service, parts only Exchange replacement. Intial year	2
990-0548	Base hardware warranty and service, parts only Exchange replacement. Extended Year	2
990-1369	Advanced Software Warranty and Service, 7x24. 5 year.	2
990-0598	Customer self install support services	2

KVM and LCD Console:

Objective:

Procurement of two (2) KVM-Over-IP (Keyboard/Video/Mouse digital switches) and required accessories installed at Town facilities as indicated below. Rack mounted LCD (1U) console is required at Town facility indicated below.

Requirements:

- KVM shall have the ability to control up to 8 servers, providing one remote and one local user with BIOS-level access and control.
- KVM must have dual power and dual gigabit Ethernet with automatic failover.
- KVM must have Browser based user interface that supports wide range of operating systems.
- KVM local access must be Browser based
- KVM CIM must be enhanced USB CIM for virtual media (BIOS ACCESS) and absolute mouse synchronization
- Proposal should take advantage of Raritan trade in offer on Town's existing Raritan KVM (Paragon II) switches for an upfront discount. This discount will be towards the purchase of Dominion KX II. See following link for more information: <http://www.raritan.com/promotions/kvm-trade-in.pdf>
- LCD Console drawer shall be Rack-mountable - TFT - 17" - 1280 x 1024 - 300 cd/m2 - 700:1 - black - 1U
- LCD Console drawer shall have intergraded Video, keyboard and touchpad functionality
- LCD Console shall support Sun®, Windows®, Linux and other operating systems.
- All equipment and materials shall be new. Used, refurbished or repurposed equipment or material will not be acceptable
- Both KVM-Over-IP and LCD Console must come with a 2 year repair or replacement warranty

Product number/ Description/ Location:

Service Center – 16801 Westgrove Drive

HARDWARE	Qty	BRAND	MODEL#	PART#	DESCRIPTION
KVM-Over-IP	1	RARITAN	Dominion KX-II-108	DKX2-108	8-port KVM-over-IP switch, 1 remote user, 1 local user, virtual media, dual power
KVM Cables	8	RARITAN		D2CIM-DVUSB	ENHANCED USB CIM FOR VIRTUAL MEDIA (BIOS ACCESS) AND ABSOLUTE MOUSE SYNCHRONIZATION

KVM and LCD Console:

Fire Department EOC – 4798 Airport Pkwy

HARDWARE	Qty	BRAND	MODEL#	PART#	DESCRIPTION
KVM-Over-IP	1	RARITAN	Dominion KX-II-108	DKX2-108	8-port KVM-over-IP switch, 1 remote user, 1 local user, virtual media, dual power
KVM Cables	8	RARITAN		D2CIM-DVUSB	ENHANCED USB CIM FOR VIRTUAL MEDIA (BIOS ACCESS) AND ABSOLUTE MOUSE SYNCHRONIZATION
LCD CONSOLE KVM	1	Raritan or equivalent brand	TBA	TBA	Rack-mountable - TFT - 17" - 1280 x 1024 - 300 cd/m2 - 700:1 - black - 1U, Device input-Keybaord and Touchpad (mouse).

Note: Proposal should take advantage of Raritan trade in offer on Town's existing Raritan KVM (Paragon II) switches for an upfront discount. This discount will be towards the purchase of Dominion KX II. See following link for more information:

<http://www.raritan.com/promotions/kvm-trade-in.pdf>

Existing equipment provided upon request

GENERAL OVERVIEW OF PROJECT

The Town of Addison is planning to replace all network gear, servers, and storage. In addition, we will be upgrading our servers to the latest possible Windows operating system according to current software vendor requirements. That will include upgrading current Exchange and SQL servers as well. Professional services may be needed for the Windows 2008 Active Directory, Exchange 2007, and SQL Server 2005 migrations. The Town's current network consists of Windows 2000 servers for Active Directory and most all application servers. We are running SQL Server 2000 and Exchange 2000 as well. Current network gear is all Cisco. All storage is direct attached and we are looking to implement iSCSI SAN's at our Police/Fire Dept. location and our Service Center location. We wish to virtualize as many servers as possible in a Blade chassis configuration with consolidated storage at these two locations. Also, we wish to consolidate backups to one server with raw disk and one LTO tape library both located at the Service Center. Each remote location will have a 10mb fiber link back to the Service Center.

Backup/DR Solution

Overview/Requirements

The Town of Addison is looking to consolidate their backup solution to the Service Center location with one storage server for onsite recovery and one LTO 4 tape library for offsite storage. We would like to replicate data between the remote sites and the Service Center and between the Service Center and the Police/Fire Dept.

- Replication of data for DR between Service Center and Police/Fire Dept. iSCSI SAN's
- Backup to raw disk with capacity of 10tb for onsite recovery
- Backup of virtual machines for system recovery and file level restores
- Backup to tape once a week for off-site storage
- Enough tape storage for a 4 week rotation and 2 month rotation of backups

Hardware Specifications

<u>Quantity</u>	<u>Part#</u>	<u>Description</u>
1	T50E-4-H-S-1	Spectralogic Spectra T50e, LTO-4, LVD SCSI, Half-height, 1 drive, 10 slots
1	90979469	LTO-4 Half-height Drive, LVD SCSI, T50e
3	90949134	LTO-4 Media Pack Includes: 10 LTO-4 media tapes w/ Certified Pre-applied Barcode Labels, MLM Software and Terapack with Dust Cover
1	90949156	LTO Cleaning Tape Pack Includes: 5 LTO Cleaning Tapes w/Certified Pre-applied Barcode Labels, MLM software and Terapack with Dust Cover
7	90876185-1-W1	2k trade in on 7 Spectra 2k Treefrog AIT-2 Tape Libraries
1	T50-NBDR-2-60	Spectra T50e (2Drive), SpectraGuard Next Business Day service 5 years
1	90970523	Encryption Support, Standard, T50/T50e 5 years
2	90979476	5-Slot COD License, T50e
1	90979437	BlueScale Standard Encryption Software Option, T50/T50e

Software Specifications

Quantity	Part#	Description
Windows Server - Core		
1	14348072	SYMC BACKUP EXEC SERVER 12.5 WIN PER SERVER STD LIC GOV BAND S
5	14348066	SYMC BACKUP EXEC SERVER 12.5 WIN PER SERVER INITIAL BASIC 12 MONTHS GOV BAND S
VMWare		
8	14358278	SYMC BACKUP EXEC AGENT FOR VMWARE VIRTUAL INFRASTRUCTURE 12.5 WIN PER HOST SERVER STD LIC GOV BAND S
40	14358266	SYMC BACKUP EXEC AGENT FOR VMWARE VIRTUAL INFRASTRUCTURE 12.5 WIN PER HOST SERVER INITIAL BASIC 12 MONTHS GOV BAND S
Client Agents		
6	14353949	SYMC BACKUP EXEC AGENT FOR WINDOWS SYSTEMS 12.5 WIN PER SERVER STD LIC GOV BAND S
30	14353942	SYMC BACKUP EXEC AGENT FOR WINDOWS SYSTEMS 12.5 WIN PER SERVER INITIAL BASIC 12 MONTHS GOV BAND S
Exchange Agent		
1	14354195	SYMC BACKUP EXEC AGENT FOR MSFT EXCHANGE 12.5 WIN PER SERVER STD LIC GOV BAND S
5	14354222	SYMC BACKUP EXEC AGENT FOR MSFT EXCHANGE 12.5 WIN PER SERVER INITIAL BASIC 12 MONTHS GOV BAND S
Media Server Option		
1	14350819	SYMC BACKUP EXEC OPTION ADVANCED DISK BACKUP 12.5 WIN PER SERVER STD LIC GOV BAND S
5	14350815	SYMC BACKUP EXEC OPTION ADVANCED DISK BACKUP 12.5 WIN PER SERVER INITIAL BASIC 12 MONTHS GOV BAND S
Storage Option - Library Expansion Option		
1	14354642	SYMC BACKUP EXEC OPTION LIBRARY EXPANSION 12.5 WIN PER DEVICE STD LIC GOV BAND S
5	14354631	SYMC BACKUP EXEC OPTION LIBRARY EXPANSION 12.5 WIN PER DEVICE INITIAL BASIC 12 MONTHS GOV BAND S

Professional Services

The Town may require support for upgrading/installing the following technologies:

- Windows 2000 Active Directory to Windows 2008 Active Directory
- Exchange 2000 Enterprise to Exchange 2007
- SQL Server 2000 Standard to SQL Server 2005
- HP C3000 Chassis System with BL460 Blades
- VMWare Site Recovery Manager setup and design
- Equallogic iSCSI SAN and replication
- Citrix Presentation Server 4.0 to Citrix XenApp
- Ironport email gateway and encryption
- Server room wire management and UPS setup

Server Virtualization

Overview/Requirements

The Town of Addison is looking to consolidate it's servers with virtualization software. Most all physical servers at the Service Center and Police/Fire Dept. will be replaced with Blades. Other remote sites will have one to two physical servers.

- Ability to automatically migrate VM's to new physical server if problems arise
- Ability to easily backup VM's with backup software
- Easily configured host OS with maximum security and least risk of exploitation
- Ability to over commit memory
- Support of non Windows guests for possible future expansion
- Live migration of server and storage
- Backups not affecting VM performance

Specifications

<u>Quantity</u>	<u>Part#</u>	<u>Description</u>
4	VI-ENT-C	VMWare Virtual Infrastructure 3 Enterprise for 2 CPU - Band A
20	VI-ENT-G-SSS-C	VMWare Gold 8x5 Support and Subscription for Infrastructure 3 Enterprise - 5 Years Total
1	VI-AK-PROMO	VMWare Enterprise Acceleration Kit Includes 4 Virtual Infrastructure 3 Enterprise for 2 CPU Licenses + 1 VirtualCenter Server License
5	VI-AK-G-SSS-PROMO	VMWare Gold 8x5 Support and Subscription for Enterprise Acceleration Kit - 5 Years Total
9	VI-SRM-GOV	VMWare Site Recovery Manager for 1 processor
45	VI-SRM-P-SSS-GOV	Platinum Support/Subscription* for VMWare Site Recovery Manager VMWare

Citrix Access Gateway

Overview/Requirements

The Town of Addison will upgrade its Windows server based Citrix Web Interface and Secure Gateway to the Citrix Access Gateway appliance for simplicity.

Specifications

<u>Quantity</u>	<u>Part#</u>	<u>Description</u>
1	EW3Z0000221 IM N40512	Citrix EZ Access Gateway Model 2010 1U Appliance
10	MW2Z0000016 IM L10918	Citrix Access Gateway Standard License x1CCU w/ SA

Anticipated Town of Addison License Requirements

SERVERS

Note: Licenses for “fail over” blade at Service Center and Police Department not included in count.

Per Microsoft:

Neither Windows nor Exchange licenses have fail-over rights at all. They can not move.

SQL, licenses may not be transferred between blades more frequently than once every 90 days. So if a blade permanently fails, then all of the licenses (unless they are OEM licenses) may be permanently transferred to a replacement blade. But the transfer cannot be on a short-term basis (more frequent than once per 90 days), so if the “fail-over blade” is meant only for short-term use while another blade is repaired, then they will need separate licenses for everything running on the fail-over blade.

If purchase license under Enterprise Agreement you can maintain a “cold” backup site in the virtual environment. However, the blade would have to remain powered off for this to apply.

Service Center: HP 3000 Blade Server

Blade	No. Processor	No. Guest	VMWare Server Enterprise	No. Windows Server 2008	No. SQL	No. Exchange Enterprise	External Connector	Project Server 2007
1	2	5	1	6 (1 – 64 bit)	2 (Standard)			
1	2	3	1	4 (1 – 64 bit)	0	1		1
1	2	5	1	6	0			
1	2	3	1	4 (1 – 64 bit)	2 (Per Processor)		1 (2008)	
1	2	Fail Over	1	1				
1	2	Has Win03r2	0	0	0			
1	2	Has Win03r3	0	0	0			

HP DL 180 g5 Server

Blade	No. Processor	No. Guest	VMWare Server Enterprise	No. Windows Server 2008	No. SQL	No. Exchange Enterprise	External Connector	Project Server 2007
				1				

Police Department/PD-EOC: HP 3000 Blade Server

Blade	No. Processor	No. Guest	VMWare Server Enterprise	No. Windows Server 2008	No. SQL	No. Exchange Enterprise	External Connector	Project Server 2007
1	2	2	1	3				
1	2	2	1	3	1 (Standard)			
1	2	Fail Over	1	1	0			
1	2		0	1				

Conference Centre: HP DL 380 Servers – 2 Servers

Blade	No. Processor	No. Guest	VMWare Server Enterprise	No. Windows Server 2008	No. SQL	No. Exchange Enterprise	External Connector	Project Server 2007
	2			1	1 (Standard)			
	2	Has Win03r2		0				

Athletic Club/Fire Station 2: HP DL 380 Servers – 2 Servers

Blade	No. Processor	No. Guest	VMWare Server Enterprise	No. Windows Server 2008	No. SQL	No. Exchange Enterprise	External Connector	Project Server 2007
	2			1	1 (Standard)			
	2	Has Win03r2		0				

Town Hall: HP DL 380 Server

Blade	No. Processor	No. Guest	VMWare Server Enterprise	No. Windows Server 2008	No. SQL	No. Exchange Enterprise	External Connector	Project Server 2007
				1				

Finance: HP DL 380 Server

Blade	No. Processor	No. Guest	VMWare Server Enterprise	No. Windows Server 2008	No. SQL	No. Exchange Enterprise	External Connector	Project Server 2007
				1				

DESKTOPS

Note: Currently running OEM version of Windows XP service pack 2 operating system on the desktops. As Addison has almost the same number of users as devices, we are basing licensing counts on a per user basis. Addison does not want OEM version licenses.

Office Professional Plus 2007	Windows Server CAL 2008	Exchange Standard Server CAL 2007	SQL CAL 2008	Terminal Service CAL 2008	Project Professional 2007	Project Server CAL 2007
250	250	250	250	250	5	15

Optional Licenses:

Ability to upgrade desktop operating system from Windows XP service Pack 2

Office Share Point CAL 2007

Microsoft Product Life Cycle:

Note: Once product is at end of life, Microsoft still issues security patches. However, there is no support for bugs or other fixes not related to security. For support would have to purchase a Premiere support agreement.

End of Life

Windows XP Service Pack 2 OS	Office XP	Office 2007	Windows Server 2003	Windows Server 2008	Exchange Standard Server 2007	SQL 2005	SQL 2008
4/2009	4/2009	4/2012	7/2010	7/2013	4/2012	4/2011	1/2014

New Version Release Dates - Anticipated

Windows XP Service Pack 2 OS	Office 14	Windows Server 2008 R2	Exchange Standard Server 14	SQL
Released	~ 6/2010	End 2009	~ 6/2010	Late 2010

Servers

Requirements:

1. Single form factor for mezzanine cards and common interconnect bays.
2. High-speed and slower-speed devices are fully interchangeable and allow choice between quantity of I/O and high bandwidth.
3. Capable of more than 6 NICs per Blade Server
4. Chassis can have no more than 8 Blade Servers
5. Chassis need to be capable of running on 110V power

Product # and Description:

Item	Part #	Qty.	Description
c3000 Enclosure for Service Center			
1	437507-B21	1	HP BladeSystem c-Class c3000 Enclosure
2	439034-B23	1	HP c-Class Insight Control Environment for BladeSystem 8 License with 1 year of 24x7 Support
3	438030-B21	4	HP BLc GbE2c Ethernet Layer 2/3 Switch for HP c-Class BladeSystem
4	437572-B21	6	HP c3000 Enclosure AC Power Supplies
5	412140-B21	6	HP Active Cool Fan Option Kits
6	448589-B21	1	HP BLc3000 Onboard Administration Module
7	437577-B21	1	HP BLc3000 DVD Drive
8	437576-B21	1	HP BLc3000 Rack Rails
9	437575-B21	1	HP BLc3000 KVM Option
10	AF556A	6	HP 1.83m 10A C13-UL US Power Cords
11	UH319E	1	HP Care Pack 5-year, Next Business Day c3000 Enclosure Hardware Support
12	UH318E	1	HP Care Pack 5-year, 4-Hour, 13x5 c3000 Enclosure Hardware Support
13	UH319E	1	HP Care Pack 5-year, 4-Hour, 24x7 c3000 Enclosure Hardware Support

Item	Part #	Qty.	Description
BL460s with 64GB RAM for Service Center			
14	447707-B21	5	HP ProLiant BL460c server blade
15	459489-B21	5	Quad-Core Intel® Xeon® E5450 (3.00GHz, 1333MHz FSB, 80W) Processor

16	459489-L22	5	Quad-Core Intel® Xeon® E5450 (3.00GHz, 1333MHz FSB, 80W) Processor
17	495604-B21	5	HP 64GB Fully Buffered DIMM PC2-5300 8x8GB Memory
18	Included	5	Embedded Smart Array E200i SAS Array Controller (without cache)
19	405102-B21	5	HP 64MB cache upgrade for E200i
20	447711-B21	5	HP BL460c backplane drive cage (two bays) - with E200i controller
21	431935-B21	10	HP 72GB Hot Plug 2.5 SAS 15,000 rpm Hard Drive
22	Included	5	2 Embedded Ethernet Ports
23	416585-B21	5	HP BLc NC325m NIC Adapter
24	UK072E	5	HP Care Pack 5-year, Next Business Day BL4xxc Server Blade Hardware Support
			or
25	UK073E	5	HP Care Pack 5-year, 4-Hour, 13x5 BL4xxc Server Blade Hardware Support
			or
26	UK074E	5	HP Care Pack 5-year, 4-Hour, 24x7 BL4xxc Server Blade Hardware Support

Item	Part #	Qty.	Description
			c3000 Enclosure for PD
27	437507-B21	1	HP BladeSystem c-Class c3000 Enclosure
28	439034-B23	1	HP c-Class Insight Control Environment for BladeSystem 8 License with 1 year of 24x7 Support
29	438030-B21	4	HP BLc GbE2c Ethernet Layer 2/3 Switch for HP c-Class BladeSystem
30	437572-B21	6	HP c3000 Enclosure AC Power Supplies
31	412140-B21	6	HP Active Cool Fan Option Kits
32	448589-B21	1	HP BLc3000 Onboard Administration Module
33	437577-B21	1	HP BLc3000 DVD Drive
34	437576-B21	1	HP BLc3000 Rack Rails
35	437575-B21	1	HP BLc3000 KVM Option
36	AF556A	6	HP 1.83m 10A C13-UL US Power Cords
37	UH319E	1	HP Care Pack 5-year, Next Business Day c3000 Enclosure Hardware Support
38	UH318E	1	HP Care Pack 5-year, 4-Hour, 13x5 c3000 Enclosure Hardware Support
39	UH319E	1	HP Care Pack 5-year, 4-Hour, 24x7 c3000 Enclosure Hardware Support

Item	Part #	Qty.	Description
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BL460s with 64GB RAM for PD			
40	447707-B21	4	HP ProLiant BL460c server blade
41	459489-B21	4	Quad-Core Intel® Xeon® E5450 (3.00GHz, 1333MHz FSB, 80W) Processor
42	459489-L22	4	Quad-Core Intel® Xeon® E5450 (3.00GHz, 1333MHz FSB, 80W) Processor
43	495604-B21	4	HP 64GB Fully Buffered DIMM PC2-5300 8x8GB Memory
44	Included	4	Embedded Smart Array E200i SAS Array Controller (without cache)
45	405102-B21	4	HP 64MB cache upgrade for E200i
46	447711-B21	4	HP BL460c backplane drive cage (two bays) - with E200i controller
47	431935-B21	8	HP 72GB Hot Plug 2.5 SAS 15,000 rpm Hard Drive
48	Included	4	2 Embedded Ethernet Ports
49	416585-B21	4	HP BLc NC325m NIC Adapter
50	UK072E	4	HP Care Pack 5-year, Next Business Day BL4xxc Server Blade Hardware Support
			or
51	UK073E	4	HP Care Pack 5-year, 4-Hour, 13x5 BL4xxc Server Blade Hardware Support
			or
52	UK074E	4	HP Care Pack 5-year, 4-Hour, 24x7 BL4xxc Server Blade Hardware Support

Item	Part #	Qty.	Description
DL380s (web server, AF2, CT, TH, FC)			
53	391835-B21	5	HP ProLiant DL380 G5 Server
54	458581-L21	5	Quad-Core Intel® Xeon® X5460 (3.16GHz, 1333MHz FSB, 120W) Processor
55	458581-B21	5	Quad-Core Intel® Xeon® X5460 (3.16GHz, 1333MHz FSB, 120W) Processor
56	397415-B21	5	HP 8GB Fully Buffered DIMM PC2-5300 2X4GB Memory
57	331903-B21	5	Slim Line CD-RW/DVD-ROM 24X Combo Drive Option Kit
58	405132-B21	5	HP Smart Array P400/256 PCIe Controller
59	460355-B21	20	HP 250GB Hot Plug SFF 2.5 SATA 5,400 rpm Hard Drive
60	Included	5	HP 1000-W Hot-Plug Power Supply
61	399771-001	5	HP 1000-W Redundant Hot-Plug Power Supply (NEMA)
62	Included	5	HP Redundant Hot-Plug Fans
63	Included	5	Embedded NC373i Multifunction Gigabit Network Adapter
64	AF556A	10	HP 1.83m 10A C13 Power Cord
65	UA009E	5	HP Care Pack, 5 Years, Next Day, Hardware, ProLiant DL380

66	U8067E	5	or HP Care Pack, 5 Years, 4 Hours, 13x5, ProLiant DL380
67	U8084E	5	or HP Care Pack, 5 Years, 4 Hours, 24x7, ProLiant DL380

Item	Part #	Qty.	Description
DL180s (backup server, coban)			
68	457649-B21	2	HP DL180G5 CTO Chassis
69	458785-L21	2	HP E5420 DL180G5 FIO Kit
70	458785-B21	2	HP E5420 DL180G5 Kit
71	408854-B21	2	HP 8GB Reg PC2-5300 2 x4 GB Kit
72	461840-B21	2	HP 4GB REG PC2-5300 2x2GB LP Kit
73	454146-B21	24	HP 1TB 7.2k HP MDL SATA 1yr Wty HDD
74	405132-B21	2	HP Smart Array P400/256 Controller
75	411508-B21	2	HP Smart Array E200/128MB Controller
76	451366-B21	2	HP Redundant Power Supply Kit
77	451369-B21	2	HP DL180/185 12HDD Cage FIO Kit
78	464830-B21	2	HP Int SAS/SATA Multi-Lane Cable Kit
79	UH277E	2	HP Care Pack, 5 Years, Next Business Day, Hardware, ProLiant DL18x
or			
80	UH278E	2	HP Care Pack, 5 Years, 4 Hours, 13x5, Hardware, ProLiant DL18x
or			
81	UH279E	2	HP Care Pack, 5 Years, 4 Hours, 24x7, Hardware, ProLiant DL18x

Networking Gear/Switch & Router

Requirements:

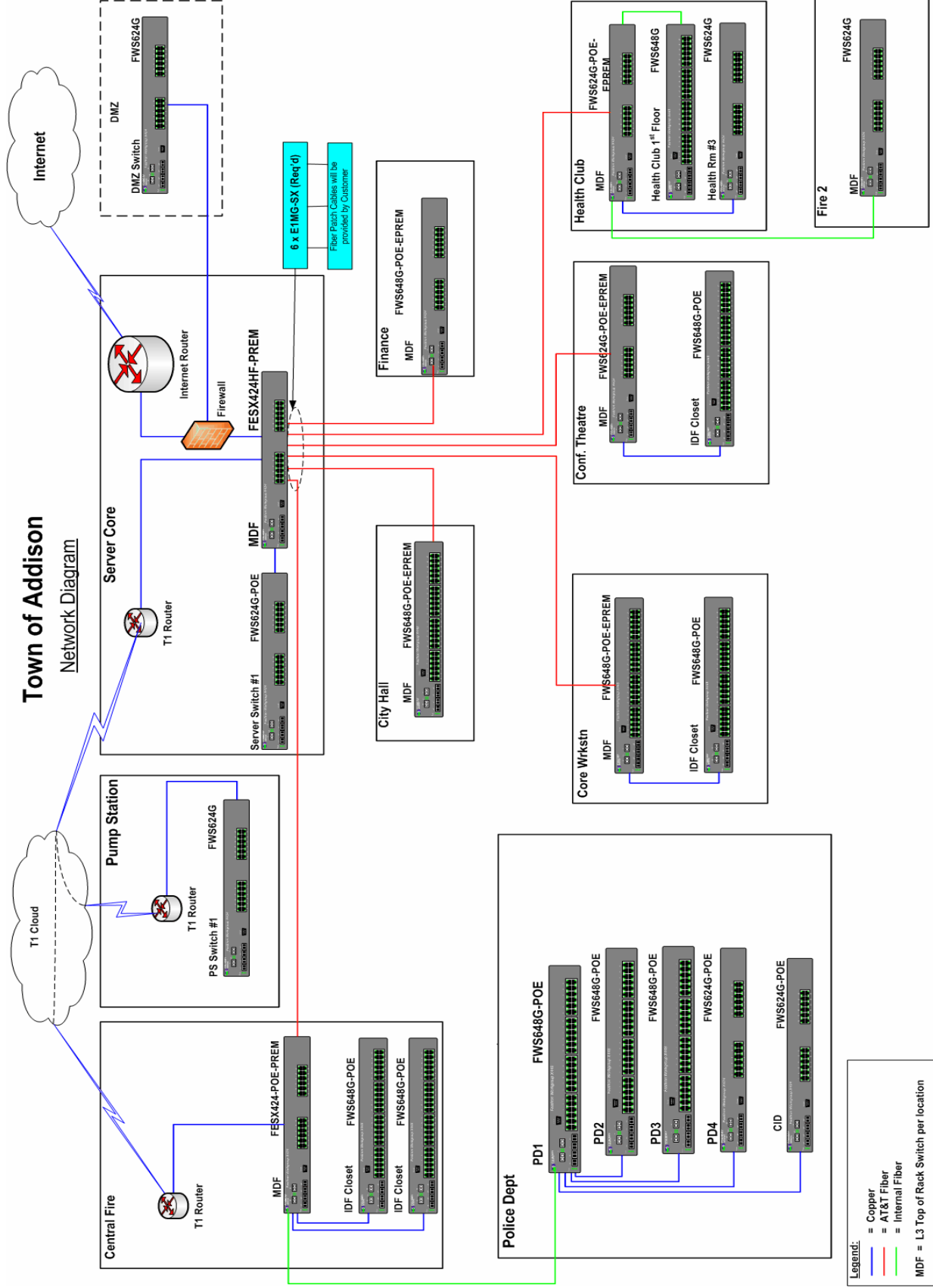
- Must support MRP (Metro Ring Protocol). Although the initial RFP deployment is based on hub-n-spoke connectivity, future plans may require a ring topology. Therefore, the proposed solutions must be capable of supporting MRP.
- Must support hardware-based embedded sflow (RFC 3176). Hardware-based forwarding of sflow data will allow for sflow to be configured on every port of every switch without any performance degradation.
- With exception of the MDF L3 Switches located at both the "Central Fire" and the "Server Core" locations (see network diagram), all other L2/L3 switches must be field upgradeable from L2 to L3 capability and they must run the same base operating system/image. This will provide simplicity and uniformity across the network and ease of management.
- The solution must also be capable of supporting the VRRP and VRRPE software configurable redundancy protocols. Future needs may require adding a backup MDF switch at certain locations for resilience. This will require running VRRP/VRRPE between two L3 switches to provide higher availability per spoke site back to the core.

Product number and description below:

	Line Item	Quantity	Part #
Server Core			
Item	1	1	FESX424HF-PREM
Item	2	1	RPS-X424
Item	3	1	GOLD-FESX424
Item	4	1	FWS624G-POE
Item	5	1	GOLD-FWS624G
DMZ			
Item	6	1	FWS624G
Item	7	1	GOLD-FWS624G
Pump Station			
Item	8	1	FWS624G
Item	9	1	GOLD-FWS624G
Central Fire			
Item	10	1	FESX424-POE-PREM

Item	11	1	RPS-X424-POE
Item	12	1	GOLD-FESX424-POE
Item	13	2	FWS648G-POE
Item	14	2	GOLD-FWS648G
Citty Hall			
Item	15	1	FWS648G-POE-EPREM
Item	16	1	GOLD-FWS648G
Finance			
Item	17	1	FWS648G-POE-EPREM
Item	18	1	GOLD-FWS648G
Police Dept			
Item	19	3	FWS648G-POE
Item	20	3	GOLD-FWS648G
Item	21	2	FWS624G-POE
Item	22	2	GOLD-FWS624G
Core Wrkstn			
Item	23	1	FWS648G-POE-EPREM
Item	24	1	GOLD-FWS648G
Item	25	1	FWS648G-POE
Item	26	1	GOLD-FWS648G
Conf. Theatre			
Item	27	1	FWS624G-POE-EPREM
Item	28	1	GOLD-FWS624G
Item	29	1	FWS648G-POE
Item	30	1	GOLD-FWS648G
Health Club'			
Item	31	1	FWS624G-POE-EPREM
Item	32	1	GOLD-FWS624G
Item	33	1	FWS648G
Item	34	1	GOLD-FWS648G
Item	35	1	FWS624G
Item	36	1	GOLD-FWS624G
Fire			
Item	37	1	FWS624G
Item	38	1	GOLD-FWS624G
IronView Network Manager			
Item	39	1	IVIEW-NT
Item	40	1	IVIEW-SW

Town of Addison Network Diagram



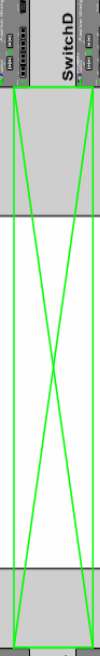
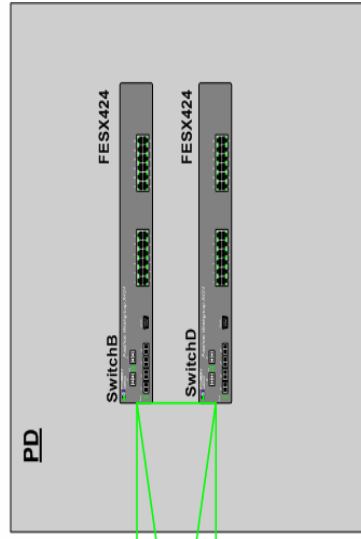
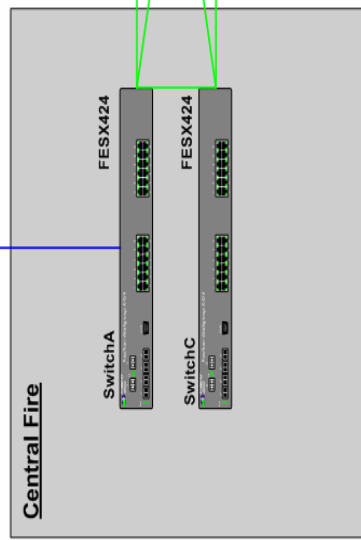
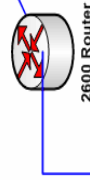
911 Option 1

4	FESX424
4	RPS-X424
4	GOLD-FESX424
12	E1MG-SX

911 Option 2

4	FWS624G
4	GOLD-FWS624
12	E1MG-SX

Town of Addison 911 Service



Legend:

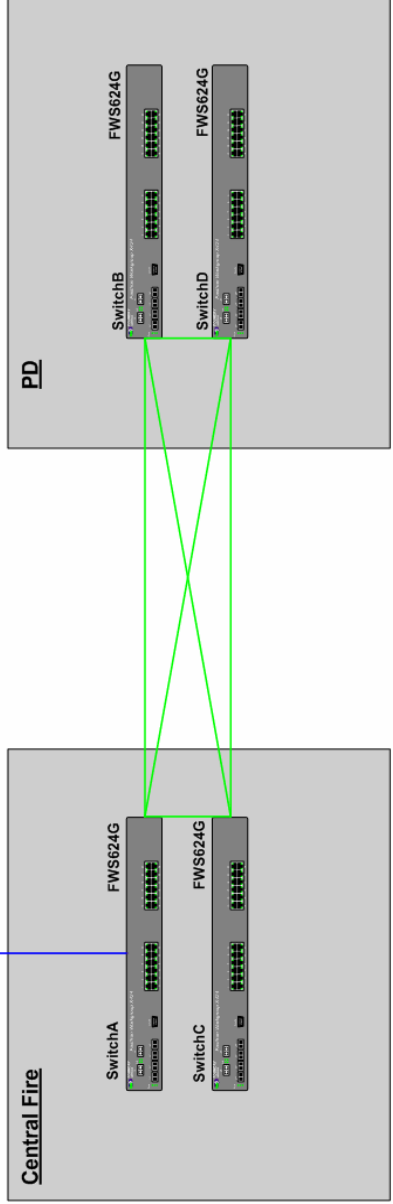
- = Copper
- = AT&T Fiber
- = Internal Fiber
- MDF = L3 Top of Rack Switch per location

Town of Addison

911 Service



2600 Router



Legend:

- = Copper
- = AT&T Fiber
- = Internal Fiber

MDF = L3 Top of Rack Switch per location

Product	Description	Quantity
Internet Router		0
CISCO2821	2821 w/ AC PWR,2GE,4HWICs,3PVDM,1NME-X,2AIM,IP BASE,64F/256D	1
S28NIPBK9-12422T	Cisco 2800 IP BASE	1
CAB-AC	Power Cord,110V	1
ROUTER-SDM-CD	CD for SDM software	1
ACS-2821-51-STAN	Cisco 2821/51 Standard Accessory Kit	1
Maintenance		
CON-SNT-2821	SMARTNET 8X5XNBD 2821 w/ AC PWR,2FE,4HWI	5
SC Router		0
CISCO2821	2821 w/ AC PWR,2GE,4HWICs,3PVDM,1NME-X,2AIM,IP BASE,64F/256D	1
S28NIPBK9-12422T	Cisco 2800 IP BASE	1
CAB-AC	Power Cord,110V	1
ROUTER-SDM-CD	CD for SDM software	1
ACS-2821-51-STAN	Cisco 2821/51 Standard Accessory Kit	1
Maintenance		
CON-SNT-2821	SMARTNET 8X5XNBD 2821 w/ AC PWR,2FE,4HWI	5
PD Router		
CISCO2821	2821 w/ AC PWR,2GE,4HWICs,3PVDM,1NME-X,2AIM,IP BASE,64F/256D	1
S28NIPBK9-12422T	Cisco 2800 IP BASE	1
WIC-1B-U-V2	1-Port ISDN BRI NT-1 WIC	2
CAB-AC	Power Cord,110V	1
ROUTER-SDM-CD	CD for SDM software	1
ACS-2821-51-STAN	Cisco 2821/51 Standard Accessory Kit	1
Maintenance		
CON-SNT-2821	SMARTNET 8X5XNBD 2821 w/ AC PWR,2FE,4HWI	5

Wireless LAN Appliance Solution:

Requirements:

- Chassis and box 1-1 and N+1 redundancy with under 20 seconds failover time
- Newly installed controllers automatically synchronized with the already existing controller(s), without requiring a separate network management server
- TIME-OF-DAY AVAILABILITY OF GUEST SSID FOR INCREASED CONTROL AND SECURITY
- Support 802.3af standard Power-over-Ethernet (PoE) capability on for 3x3 MIMO dual-radio operation at full power of the radios – and 2 spatial streams for the 802.11n capable APs
- APs do not hold “hard configured” internal network information or certificates for authentication to the centralized switches unless this information is stored in a trusted platform module (TPM) integrated into the AP.
- Use of industry standards-based (IEEE or IETF) tunneling protocols; specify standard that the tunneling mechanism is based on.
- Centralized Encryption/De-encryption (e.g. on switch/controller in data center).
- Automatic adjustment of individual AP power and channel setting to maximize performance around other APs, limit the effects of interference (both 802.11 and non-802.11), and detect and correct any RF coverage holes.
- Automatic adjustment of individual AP power and channel setting to maximize performance around other APs, limit the effects of interference (both 802.11 and non-802.11), and detect and correct any RF coverage holes.
- Dynamic load balancing to automatically distribute clients to the least loaded channel and AP; load balancing must not require any client specific configurations or software.
- APs that are used for WLAN access should continue to perform RF scanning for the purposes of dynamic RF management and wireless intrusion detection and prevention; however this scanning should not adversely affect data transmission for mission-critical applications (user-defined), voice (through active / in-active call recognition) and load (user-defined threshold) – in other words, APs should delay scanning under these conditions until such time as resumption of scanning will not negatively impact these services.

- Load balancing across bands and steering of dual-band capable clients from 2.4GHz to 5GHz in order to improve network performance without the use of client specific configurations or software.
- Traffic shaping capabilities to offer air-time fairness across different type of clients running different operating systems in order to prevent starvation of client throughput in particular in a dense wireless user population without the use of client specific configurations or software.
- Security enforcement for wireless users through the use of a role-based, stateful firewall that can be directly integrated with the roles defined within existing authentication servers.
- Dynamic, stateful (as defined by ICSA) access rights into the network once authenticated based on source, destination, and/or ports.
- Access policies should provide for automatic capture of data and syslog of access rule triggers for audit and analysis.
- Automatic Rogue AP classification (from interfering APs) and automatic rogue AP containment without requiring dedicated APs to listen on the wired ports or any other manual procedure
- Per user, per device, and per application/TCP-port prioritization.
- Source NAT and destination NAT must be available for private address use.
- Support GRE and IPSEC tunnels between controllers and other GRE/IPSEC termination devices in order to enable secure site-to-site connections without requiring external hardware.
- APs can be updated to support wireless mesh capability without requiring a separate dedicated switch/controller or static radio configuration. Wireless mesh should support dynamic path routing for redundancy.

Product number and description below:

Part #	Description	Qty
3200-US	ARUBA 3200 (0 AP SUPPORT) US	2
SN5-3200-AOS-STD	NEXT-DAY SUPPORT FOR 3200-AOS-STD (1 YR)	2
PC-AC-NA	AC Power Cord (North America Version)	2
LIC-32-AP	Access Point License (32 Access Point License)	2
SN1-LIC-32-AP	ArubaCare Support for 32 AP License (1 YR)	2
LIC-PEF-128	Policy Enforcement Firewall Module License (128 Users)	2
SN1-LIC-PEF-128	ArubaCare Support Policy Enforcement Firewall Module License (128 Users)	2

LIC-WIP-32	Wireless Intrusion Protection Module License (32 AP Support)	2
SN1-LIC-WIP-32	ArubaCare Support for Wireless Intrusion Protection Module License (32 AP Support)	2
AP-125	Aruba 125 Wireless Access Point	19
AP-124	Aruba 124 Wireless Access Point	6
AP-120-MNT	Aruba 120 Series Wireless Access Point Wall / Ceiling Mounting Kit	25

Uninterruptible Power Supplies (UPS):

Objective:

Procurement and installation of uninterruptible power supplies and any associated hardware to maintain operation of network equipment located at various Town buildings. Electrical source will be provided by Town of Addison.

Requirements:

- Shall maintain network equipment in operation for indicated length of time during electrical outages.
 - o Service Center – 15-20 minutes
 - o Service Center Switch Room – 15 minutes
 - o EOC – 15-20 minutes
 - o Conference Center (wiring closet) – 5-10 minutes
 - o Theatre Center – 5-10 minutes
 - o Town Hall – 5-10 minutes
 - o Finance Center – 5-10 minutes
 - o Fire Station 2 – 5-10 minutes
 - o Athletic club (wiring closets) 5-10 minutes
 - o Police Department (wiring closet) 5-10 minutes
- Shall have SNMP and TCP/IP network capability for monitoring and control
- UPS at Service Center and Fire Station One EOC:
 - o Configurable for N+1 internal redundancy
 - o Redundant Intelligence Modules
 - o Hot-swappable intelligence modules
 - o Hot-swappable power modules
 - o Hot-swappable batteries
 - o Power modules and Battery modules connected in parallel
 - o Automatic internal bypass
 - o Automatic restart of loads after UPS shutdown
- Graceful shutdown agent (software)
- Shall be rack mountable (19 inch standard rack)
- Shall have user replaceable hot-swappable batteries
- Installation and configuration of UPS at Town of Addison sites as required.
- Energize the unit and perform a comprehensive diagnostic and self test
- Train Town Information Technology staff on basic operation of UPS
- All equipment and materials shall be new. Used, refurbished or repurposed equipment or material will not be acceptable.
- Delivery of UPS, Batteries and related software/accessories
- Two years repair or replacement Standard Warranty on all equipment

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Product number and description below:

Service Center – 16801 Westgrove Drive, Second Level

HARDWARE	Qty	BRAND	MODEL#	PART#	DESCRIPTION
UPS	1	APC	SYMMETRA LX	SYA12K16RMP	APC Symmetra LX 12kVA Scalable to 16kVA N+1 Rack-mount, 208/240V Input, 208/240V and 120V Output
UPS Network Management Card	1	APC	AP9617	AP9617	Embedded management of UPS protecting servers and networking equipment
UPS Backplate Kit	2	APC	SYMMETRA	SYPD11	APC Symmetra RM and LX 208/240V Backplate Kit w/(2) L6-30R
PDU	2	APC		AP7841	Rack PDU, Metered, Zero U, 30A, 200/208V, (20)C13 & (4)C19
PDU	2	APC		AP7830	Rack PDU, Metered, Zero U, 20A, 120V, (24) NEMA 5-20R
UPS INSTALLATION	1	APC		WSTRTUP7X24-SY-15	Start-Up Service 7X24

Service Center Switch Room – 16801 Westgrove Drive – Second Level

HARDWARE	Qty	BRAND	MODEL#	PART#	DESCRIPTION
UPS	1	APC	SMART-UPS 1500	SUA1500RM2U	APC Smart-UPS 1500VA USB & Serial RM 2U 120V

EOC (Fire Station 1) – 4798 Airport Pkwy

HARDWARE	Qty	BRAND	MODEL#	PART#	DESCRIPTION
UPS	1	APC	SYMMETRA LX	SYA12K16RMP	APC Symmetra LX 12kVA Scalable to 16kVA N+1 Rack-mount, 208/240V Input, 208/240V and 120V Output
UPS Network Management Card	1	APC	AP9617	AP9617	Embedded management of UPS protecting servers and networking equipment
PDU	1	APC		AP7841	Rack PDU, Metered, Zero U, 30A, 200/208V, (20)C13 & (4)C19
PDU	1	APC		AP7801	Rack PDU, Metered, Zero U, 20A, 120V, (8) NEMA 5-20R
UPS BACKPLATE KIT	1	APC	SYMMETRA	SYPD11	APC Symmetra RM and LX 208/240V Backplate Kit w/(2) L6-30R
UPS INSTALLATION	1	APC		WSTRTUP7X24-SY-15	Start-Up Service 7X24

Conference Center (wiring closet) 15650 Addison Rd

HARDWARE	Qty	BRAND	MODEL#	PART#	DESCRIPTION
UPS	1	APC	SMART-UPS 750	SUA750RM1U	APC Smart-UPS 750VA USB & Serial RM 1U 120V

Product number and description below:

Theatre Center 15650 Addison Rd

HARDWARE	Qty	BRAND	MODEL#	PART#	DESCRIPTION
UPS	1	APC	SMART-UPS 1500	SUA1500RM2U	CT Theatre APC Smart-UPS 1500VA USB & Serial RM 2U 120V

Town Hall – 5300 Belt Line Rd

HARDWARE	Qty	BRAND	MODEL#	PART#	DESCRIPTION
UPS	1	APC	SMART-UPS 1500	SUA1500RM2U	CT Theatre APC Smart-UPS 1500VA USB & Serial RM 2U 120V

Finance Center – 5350 Belt Line Rd

HARDWARE	Qty	BRAND	MODEL#	PART#	DESCRIPTION
UPS	1	APC	SMART-UPS 1500	SUA1500RM2U	CT Theatre APC Smart-UPS 1500VA USB & Serial RM 2U 120V

Fire Station 2 – 3950 Beltway Drive

HARDWARE	Qty	BRAND	MODEL#	PART#	DESCRIPTION
UPS	1	APC	SMART-UPS 1500	SUA1500RM2U	CT Theatre APC Smart-UPS 1500VA USB & Serial RM 2U 120V

Athletic Club (wiring closets)- 3900 Beltway Drive

HARDWARE	Qty	BRAND	MODEL#	PART#	DESCRIPTION
UPS	2	APC	SMART-UPS 750	SUA750RM1U	APC Smart-UPS 750VA USB & Serial RM 1U 120V

Police Department – 4799 Airport Pkwy

HARDWARE	Qty	BRAND	MODEL#	PART#	DESCRIPTION
UPS	1	APC	SMART-UPS 1500	SUA1500RM2U	PD Police APC Smart-UPS 1500VA USB & Serial RM 2U 120V

Note: The Town would like to trade in old UPS equipment for a discount on new UPS equipment as follows: (Serial numbers will be provided upon request)

SMARTUPS 1400XL (quantity of 4)
 SMARTUPS-1000 (quantity of 4)
 SMARTUPS-2200 (quantity of 2)
 SMART-UPS 3000XL (quantity of 5)
 SMART-UPS 1500
 SMART-UPS 1400 stand-alone
 SMART-UPS 2200XL