THE CITY OF WINNIPEG

BID OPPORTUNITY

BID OPPORTUNITY NO. 922-2011

SUPPLY AND DELIVERY OF POWER7 SERVERS

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PART B - BIDDING PROCEDURES

B1.   CONTRACT TITLE

B1.1   SUPPLY AND DELIVERY OF POWER7 SERVERS

B2.   SUBMISSION DEADLINE

B2.1   The Submission Deadline is 4:00 p.m. Winnipeg time, November 22, 2011.

B2.2   Bids determined by the Manager of Materials to have been received later than the Submission Deadline will not be accepted and will be returned upon request.

B2.3   The Contract Administrator or the Manager of Materials may extend the Submission Deadline by issuing an addendum at any time prior to the time and date specified in B2.1.

B3.   ENQUIRIES

B3.1   All enquiries shall be directed to the Contract Administrator identified in D3.1.

B3.2   If the Bidder finds errors, discrepancies or omissions in the Bid Opportunity, or is unsure of the meaning or intent of any provision therein, the Bidder shall promptly notify the Contract Administrator of the error, discrepancy or omission at least five (5) Business Days prior to the Submission Deadline.

B3.3   If the Bidder is unsure of the meaning or intent of any provision therein, the Bidder should request clarification as to the meaning or intent prior to the Submission Deadline.

B3.4   Responses to enquiries which, in the sole judgment of the Contract Administrator, require a correction to or a clarification of the Bid Opportunity will be provided by the Contract Administrator to all Bidders by issuing an addendum.

B3.5   Responses to enquiries which, in the sole judgment of the Contract Administrator, do not require a correction to or a clarification of the Bid Opportunity will be provided by the Contract Administrator only to the Bidder who made the enquiry.

B3.6   The Bidder shall not be entitled to rely on any response or interpretation received pursuant to B3 unless that response or interpretation is provided by the Contract Administrator in writing.

B4.   ADDENDA

B4.1   The Contract Administrator may, at any time prior to the Submission deadline, issue addenda correcting errors, discrepancies or omissions in the Bid Opportunity, or clarifying the meaning or intent of any provision therein.

B4.2   The Contract Administrator will issue each addendum at least two (2) Business Days prior to the Submission Deadline, or provide at least two (2) Business Days by extending the Submission Deadline.

B4.2.1   Addenda will be available on the Bid Opportunities page at The City of Winnipeg, Corporate Finance, Materials Management Division website at http://www.winnipeg.ca/matmgt/bidopp.asp

B4.2.2   The Bidder is responsible for ensuring that he has received all addenda and is advised to check the Materials Management Division website for addenda regularly and shortly before the Submission Deadline, as may be amended by addendum.

B4.3   The Bidder shall acknowledge receipt of each addendum in Paragraph 8 of Form A: Bid. Failure to acknowledge receipt of an addendum may render a Bid non-responsive.

B5. **SUBSTITUTES**

B5.1 The Work is based on the materials, equipment, methods and products specified in the Bid Opportunity.

B5.2 Substitutions shall not be allowed unless application has been made to and prior approval has been granted by the Contract Administrator in writing.

B5.3 Requests for approval of a substitute will not be considered unless received in writing by the Contract Administrator at least seven (7) Business Days prior to the Submission Deadline.

B5.4 The Bidder shall ensure that any and all requests for approval of a substitute:

(a) provide sufficient information and details to enable the Contract Administrator to determine the acceptability of the material, equipment, method or product as either an approved equal or alternative;

(b) identify any and all changes required in the applicable Work, and all changes to any other Work, which would become necessary to accommodate the substitute;

(c) identify any anticipated cost or time savings that may be associated with the substitute;

(d) certify that, in the case of a request for approval as an approved equal, the substitute will fully perform the functions called for by the general design, be of equal or superior substance to that specified, is suited to the same use and capable of performing the same function as that specified and can be incorporated into the Work, strictly in accordance with the Contract;

(e) certify that, in the case of a request for approval as an approved alternative, the substitute will adequately perform the functions called for by the general design, be similar in substance to that specified, is suited to the same use and capable of performing the same function as that specified and can be incorporated into the Work, strictly in accordance with the Contract.

B5.5 The Contract Administrator, after assessing the request for approval of a substitute, may in his sole discretion grant approval for the use of a substitute as an "approved equal" or as an "approved alternative", or may refuse to grant approval of the substitute.

B5.6 The Contract Administrator will provide a response in writing, at least two (2) Business Days prior to the Submission Deadline, only to the Bidder who requested approval of the substitute.

B5.6.1 The Bidder requesting and obtaining the approval of a substitute shall be entirely responsible for disseminating information regarding the approval to any person or persons he wishes to inform.

B5.7 If the Contract Administrator approves a substitute as an "approved equal", any Bidder may use the approved equal in place of the specified item.

B5.8 If the Contract Administrator approves a substitute as an "approved alternative", any Bidder bidding that approved alternative may base his Total Bid Price upon the specified item but may also indicate an alternative price based upon the approved alternative. Such alternatives will be evaluated in accordance with B13.

B5.9 No later claim by the Contractor for an addition to the price(s) because of any other changes in the Work necessitated by the use of an approved equal or an approved alternative will be considered.

B5.10 Notwithstanding B5.2 to B5.9, and in accordance with B6.7, deviations inconsistent with the Bid Opportunity document shall be evaluated in accordance with B13.1(a).

B6. **BID SUBMISSION**

B6.1 The Bid shall consist of the following components:

(a) Form A: Bid;

(b) Form B: Prices.

B6.2 Further to B6.1, the Bidder should include the written correspondence from the Contract Administrator approving a substitute in accordance with B5.

B6.3 All components of the Bid shall be fully completed or provided, and submitted by the Bidder no later than the Submission Deadline, with all required entries made clearly and completely in ink, to constitute a responsive Bid.

B6.4 The Bid Submission may be submitted by mail, courier or personal delivery, or by facsimile transmission.

B6.5 If the Bid Submission is submitted by mail, courier or personal delivery, it shall be enclosed and sealed in an envelope clearly marked with the Bid Opportunity number and the Bidder's name and address, and shall be submitted to:

The City of Winnipeg
Corporate Finance Department
Materials Management Division
185 King Street, Main Floor
Winnipeg MB R3B 1J1

B6.5.1 Samples or other components of the Bid Submission which cannot reasonably be enclosed in the envelope may be packaged separately, but shall be clearly marked with the Bid Opportunity number, the Bidder's name and address, and an indication that the contents are part of the Bidder's Bid Submission.

B6.6 Bidders are advised not to include any information/literature except as requested in accordance with B6.1.

B6.7 Bidders are advised that inclusion of terms and conditions inconsistent with the Bid Opportunity document, including the General Conditions, will be evaluated in accordance with B13.1(a).

B6.8 If the Bid Submission is submitted by facsimile transmission, it shall be submitted to (204) 949-1178.

B6.8.1 The Bidder is advised that the City cannot take responsibility for the availability of the facsimile machine at any time.

B6.9 Bids submitted by internet electronic mail (e-mail) will not be accepted.

B7. BID

B7.1 The Bidder shall complete Form A: Bid, making all required entries.

B7.2 Paragraph 2 of Form A: Bid shall be completed in accordance with the following requirements:

(a) if the Bidder is a sole proprietor carrying on business in his own name, his name shall be inserted;

(b) if the Bidder is a partnership, the full name of the partnership shall be inserted;

(c) if the Bidder is a corporation, the full name of the corporation shall be inserted;

(d) if the Bidder is carrying on business under a name other than his own, the business name and the name of every partner or corporation who is the owner of such business name shall be inserted.

B7.2.1 If a Bid is submitted jointly by two or more persons, each and all such persons shall identify themselves in accordance with B7.2.

B7.3 In Paragraph 3 of Form A: Bid, the Bidder shall identify a contact person who is authorized to represent the Bidder for purposes of the Bid.

B7.4   Paragraph 10 of Form A: Bid shall be signed in accordance with the following requirements:

(a)   if the Bidder is a sole proprietor carrying on business in his own name, it shall be signed by the Bidder;

(b)   if the Bidder is a partnership, it shall be signed by the partner or partners who have authority to sign for the partnership;

(c)   if the Bidder is a corporation, it shall be signed by its duly authorized officer or officers;

(d)   if the Bidder is carrying on business under a name other than his own, it shall be signed by the registered owner of the business name, or by the registered owner's authorized officials if the owner is a partnership or a corporation.

B7.4.1   The name and official capacity of all individuals signing Form A: Bid should be printed below such signatures.

B7.4.2   All signatures shall be original.

B7.5   If a Bid is submitted jointly by two or more persons, the word "Bidder" shall mean each and all such persons, and the undertakings, covenants and obligations of such joint Bidders in the Bid and the Contract, when awarded, shall be both joint and several.

B8.   PRICES

B8.1   The Bidder shall state a price in Canadian funds for each item of the Work identified on Form B: Prices.

B8.1.1   Prices on Form B: Prices shall include:

(a)   duty;

(b)   freight and cartage;

(c)   Provincial and Federal taxes [except the Goods and Services Tax (GST) and Manitoba Retail Sales Tax (MRST, also known as PST), which shall be extra where applicable] and all charges governmental or otherwise paid;

(d)   profit and all compensation which shall be due to the Contractor for the Work and all risks and contingencies connected therewith.

B8.2   The quantities listed on Form B: Prices are to be considered approximate only. The City will use said quantities for the purpose of comparing Bids.

B8.3   The quantities for which payment will be made to the Contractor are to be determined by the Work actually performed and completed by the Contractor, to be measured as specified in the applicable Specifications.

B9.   QUALIFICATION

B9.1   The Bidder shall:

(a)   undertake to be in good standing under The Corporations Act (Manitoba), or properly registered under The Business Names Registration Act (Manitoba), or otherwise properly registered, licensed or permitted by law to carry on business in Manitoba, or if the Bidder does not carry on business in Manitoba, in the jurisdiction where the Bidder does carry on business; and

(b)   be financially capable of carrying out the terms of the Contract; and

(c)   have all the necessary experience, capital, organization, and equipment to perform the Work in strict accordance with the terms and provisions of the Contract.

B9.2   The Bidder and any proposed Subcontractor (for the portion of the Work proposed to be subcontracted to them) shall:

(a) be responsible and not be suspended, debarred or in default of any obligations to the City. A list of suspended or debarred individuals and companies is available on the Information Connection page at The City of Winnipeg, Corporate Finance, Materials Management Division website at http://www.winnipeg.ca/matmgt/debar.stm

B9.3 The Bidder and/or any proposed Subcontractor (for the portion of the Work proposed to be subcontracted to them) shall:

(a) have successfully carried out work similar in nature, scope and value to the Work; and

(b) be fully capable of performing the Work required to be in strict accordance with the terms and provisions of the Contract; and

(c) have a written workplace safety and health program, if required, pursuant to The Workplace Safety and Health Act (Manitoba);

B9.4 The Bidder shall submit, within three (3) Business Days of a request by the Contract Administrator, proof satisfactory to the Contract Administrator of the qualifications of the Bidder and of any proposed Subcontractor.

B9.5 The Bidder shall provide, on the request of the Contract Administrator, full access to any of the Bidder's equipment and facilities to confirm, to the Contract Administrator's satisfaction, that the Bidder's equipment and facilities are adequate to perform the Work.

B10. OPENING OF BIDS AND RELEASE OF INFORMATION

B10.1 Bids will not be opened publicly.

B10.2 Following the Submission Deadline, the names of the Bidders and their total bid prices (unevaluated, and pending review and verification of conformance with requirements or evaluated prices) will be available on the Closed Bid Opportunities (or Public/Posted Opening & Award Results) page at The City of Winnipeg, Corporate Finance, Materials Management Division website at http://www.winnipeg.ca/matmgt

B10.3 After award of Contract, the name(s) of the successful Bidder(s) and the Contract amount(s) will be available on the Closed Bid Opportunities (or Public/Posted Opening & Award Results) page at The City of Winnipeg, Corporate Finance, Materials Management Division website at http://www.winnipeg.ca/matmgt

B10.4 The Bidder is advised that any information contained in any Bid may be released if required by City policy or procedures, by The Freedom of Information and Protection of Privacy Act (Manitoba), by other authorities having jurisdiction, or by law.

B11. IRREVOCABLE BID

B11.1 The Bid(s) submitted by the Bidder shall be irrevocable for the time period specified in Paragraph 9 of Form A: Bid.

B11.2 The acceptance by the City of any Bid shall not release the Bids of the next two lowest evaluated responsive Bidders and these Bidders shall be bound by their Bids on such Work for the time period specified in Paragraph 9 of Form A: Bid.

B12. WITHDRAWAL OF BIDS

B12.1 A Bidder may withdraw his Bid without penalty by giving written notice to the Manager of Materials at any time prior to the Submission Deadline.

B12.1.1 Notwithstanding C21, the time and date of receipt of any notice withdrawing a Bid shall be the time and date of receipt as determined by the Manager of Materials.

B12.1.2   The City will assume that any one of the contact persons named in Paragraph 3 of Form A: Bid or the Bidder's authorized representatives named in Paragraph 10 of Form A: Bid, and only such person, has authority to give notice of withdrawal.

B12.1.3   If a Bidder gives notice of withdrawal prior to the Submission Deadline, the Manager of Materials will:

(a)   retain the Bid until after the Submission Deadline has elapsed;

(b)   open the Bid to identify the contact person named in Paragraph 3 of Form A: Bid and the Bidder's authorized representatives named in Paragraph 10 of Form A: Bid; and

(c)   if the notice has been given by any one of the persons specified in B12.1.3(b), declare the Bid withdrawn.

B12.2   A Bidder who withdraws his Bid after the Submission Deadline but before his Bid has been released or has lapsed as provided for in B11.2 shall be liable for such damages as are imposed upon the Bidder by law and subject to such sanctions as the Chief Administrative Officer considers appropriate in the circumstances. The City, in such event, shall be entitled to all rights and remedies available to it at law.

B13.   EVALUATION OF BIDS

B13.1   Award of the Contract shall be based on the following bid evaluation criteria:

(a)   compliance by the Bidder with the requirements of the Bid Opportunity, or acceptable deviation therefrom (pass/fail);

(b)   qualifications of the Bidder and the Subcontractors, if any, pursuant to B9 (pass/fail);

(c)   Total Bid Price;

(d)   economic analysis of any approved alternative pursuant to B5;

B13.2   Further to B13.1(a), the Award Authority may reject a Bid as being non-responsive if the Bid Submission is incomplete, obscure or conditional, or contains additions, deletions, alterations or other irregularities. The Award Authority may reject all or any part of any Bid, or waive technical requirements or minor informalities or irregularities if the interests of the City so require.

B13.3   Further to B13.1(b), the Award Authority shall reject any Bid submitted by a Bidder who does not demonstrate, in his Bid or in other information required to be submitted, that he is responsible and qualified.

B13.4   Further to B13.1(c), the Total Bid Price shall be the sum of the quantities multiplied by the unit prices for each item shown on Form B: Prices.

B13.4.1   If there is any discrepancy between the Total Bid Price written in figures, the Total Bid Price written in words and the sum of the quantities multiplied by the unit prices for each item, the sum of the quantities multiplied by the unit prices for each item shall take precedence.

B13.4.2   Further to B13.1(a), in the event that a unit price is not provided on Form B: Prices, the City will determine the unit price by dividing the Amount (extended price) by the approximate quantity, for the purposes of evaluation and payment.

B14.   AWARD OF CONTRACT

B14.1   The City will give notice of the award of the Contract or will give notice that no award will be made.

B14.2   The City will have no obligation to award a Contract to a Bidder, even though one or all of the Bidders are determined to be responsible and qualified, and the Bids are determined to be responsive.

B14.2.1   Without limiting the generality of B14.2, the City will have no obligation to award a Contract where:

(a)   the prices exceed the available City funds for the Work;

(b)   the prices are materially in excess of the prices received for similar work in the past;

(c)   the prices are materially in excess of the City's cost to perform the Work, or a significant portion thereof, with its own forces;

(d)   only one Bid is received; or

(e)   in the judgment of the Award Authority, the interests of the City would best be served by not awarding a Contract.

B14.3   Where an award of Contract is made by the City, the award shall be made to the responsible and qualified Bidder submitting the lowest evaluated responsive Bid, in accordance with B13.

B14.3.1   Following the award of contract, a Bidder will be provided with information related to the evaluation of his Bid upon written request to the Contract Administrator.

B14.4   Notwithstanding C4 and Paragraph 6 of Form A: Bid, the City will issue a Purchase Order to the successful Bidder in lieu of the execution of a Contract.

B14.5   The Contract Documents, as defined in C1.1(n)(ii) in their entirety shall be deemed to be incorporated in and to form a part of the Purchase Order notwithstanding that they are not necessarily attached to or accompany said Purchase Order.

PART C - GENERAL CONDITIONS

C0.   GENERAL CONDITIONS

C0.1   The *General Conditions for the Supply of Goods* (Revision 2008 05 26) are applicable to the Work of the Contract.

C0.1.1   The *General Conditions for the Supply of Goods* are available on the Information Connection page at The City of Winnipeg, Corporate Finance, Materials Management Division website at http://www.winnipeg.ca/matmgt/gen_cond.stm

C0.2   A reference in the Bid Opportunity to a section, clause or subclause with the prefix "**C**" designates a section, clause or subclause in the *General Conditions for Supply of Goods.*

PART D - SUPPLEMENTAL CONDITIONS

GENERAL

D1. GENERAL CONDITIONS

D1.1   In addition to the *General Conditions for the Supply of Goods*, these Supplemental Conditions are applicable to the Work of the Contract.

D2. SCOPE OF WORK

D2.1   The Work to be done under the Contract shall consist of the supply and delivery of two IBM Power 7 servers as an upgrade replacing two existing servers.

D3. CONTRACT ADMINISTRATOR

D3.1   The Contract Administrator is:

Tim Rushforth
Systems Coordinator
6th Floor, 510 Main Street
Winnipeg, MB R3B 1B9

Telephone No.: (204) 986-2019

Facsimile No.: (204) 986-5966

D4. NOTICES

D4.1   Notwithstanding C21.3, all notices of appeal to the Chief Administrative Officer shall be sent to the attention of the Chief Financial Officer at the following facsimile number:

The City of Winnipeg
Chief Financial Officer

Facsimile No.: (204) 949-1174

SUBMISSIONS

D5. AUTHORITY TO CARRY ON BUSINESS

D5.1   The Contractor shall be in good standing under The Corporations Act (Manitoba), or properly registered under The Business Names Registration Act (Manitoba), or otherwise properly registered, licensed or permitted by law to carry on business in Manitoba, or if the Contractor does not carry on business in Manitoba, in the jurisdiction where the Contractor does carry on business, throughout the term of the Contract, and shall provide the Contract Administrator with evidence thereof upon request.

SCHEDULE OF WORK

D6. COMMENCEMENT

D6.1   The Contractor shall not commence any Work until he is in receipt of a notice of award from the City authorizing the commencement of the Work.

D6.2   The Contractor shall not commence any Work until:

(a)   the Contract Administrator has confirmed receipt and approval of:
   (i)   evidence of authority to carry on business specified in D5;
   (ii)   evidence of the workers compensation coverage specified in C6.16;

(b) the Contractor has attended a meeting with the Contract Administrator, or the Contract Administrator has waived the requirement for a meeting.

D6.1   Goods shall be delivered by December 31, 2011, f.o.b. destination, freight prepaid to:

Tim Rushforth
Systems Coordinator

The City of Winnipeg
Corporate Support Services Department
7th Floor, 510 Main Street
Winnipeg MB, R3B 1B9

The City of Winnipeg
Corporate Support Services Department
700 Assiniboine Park Drive
Winnipeg MB, R3P 2N9

D6.2   The Contractor shall confirm each delivery with the Contract Administrator or his/her designate, at least two (2) Business Days before delivery.

D6.3   Goods shall be delivered between 8:30 a.m. and 4:30 p.m. on Business Days.

D6.4   The Contractor shall off-load goods as directed at the delivery location.

MEASUREMENT AND PAYMENT

D7.   INVOICES

D7.1   Further to C10, the Contractor shall submit an invoice for each order delivered to:

The City of Winnipeg
Corporate Finance - Accounts Payable
4th Floor, Administration Building, 510 Main Street
Winnipeg MB R3B 1B9

Facsimile No.: (204) 949-0864
Email: CityWpgAP@winnipeg.ca

D7.2   Invoices must clearly indicate, as a minimum:

(a) the City's purchase order number;

(b) date of delivery;

(c) delivery address;

(d) type and quantity of goods delivered;

(e) the amount payable with GST and MRST shown as separate amounts; and

(f) the Contractor's GST registration number.

D7.3   The City will bear no responsibility for delays in approval of invoices which are improperly submitted.

D7.4   Bids Submissions must be submitted to the address in B6.5.

D8.   PAYMENT

D8.1   Further to C10, the City may at its option pay the Contractor by direct deposit to the Contractor's banking institution.

D9.   PAYMENT SCHEDULE

D9.1   Further to C10, payment shall be in Canadian funds net thirty (30) Calendar Days after receipt and approval of the Contractor's invoice.

WARRANTY

D10.   WARRANTY

D10.1   Warranty is as stated in C11.

PART E - SPECIFICATIONS

GENERAL

E1.   **CONFIGURATION SERVER 1**

E1.3   HARDWARE BASE SYSTEM

Configuration Table E: 1 lists the hardware items that constitutes the existing 9407-515 Server to be upgraded

Table E 1 - Configuration Server 1			
Product	Description	Serial	Qty
9407-515	Server:9407 Model 515	100D552	1
2	Customer Install MES		2
41	Device Parity Protection-All		1
205	RISC-to-RISC Data Migration		1
534	i5/OS V6R1 M0 Machine Code		2
835	#4327/#1267 Load Source Spec		1
1025	Modem Cable - US/Canada		1
1827	Serial-UPS Conversion Cable		1
2924	English		1
4400	1GB DDR2 Main Storage		1
4474	2GB DDR2 Main Storage		1
4901	1W Serv Feat 515 1x8327		1
5159	850 Watt Power Supply		1
5550	Sys Console On HMC		1
5571	5727 Cache + 6 70GB Disk Pkg		1
5592	4-Disk Slot Exp + Controller		1
6011	515 Express Configuration 2		1
6458	14-Ft Int 250V/10A Pwr Cd		2
6598	Disk Slot Filler (Qty 4)		1
7182	Rack Mount		1
8327	1.9GHz Processor		1
8410	Base Proc Activation		1
9540	Base DVD-ROM		1
9548	Base 1GB Main Storage		1
9613	Base 70.56GB 15k rpm Disk Unit		2
9653	Base 30GB 1/4-Inch Cart Tape		1
9793	Base PCI 2-Line WAN w/Modem		1
9844	Base PCI IOP		1

E1.4   HARDWARE TARGET SYSTEM

Configuration Table E: 2 lists the complete set of hardware items that shall constitute the upgraded target System 8202-E4B server configuration.

Table E 2 - Configuration Server 1		
Product	Description	Qty
8202-E4B	Server 1:8202 Model E4B	1
41	Device Parity Protection-All, Specify Code	1
205	RISC-to-RISC Data Migration	1
267	IBM i Operating System Partition Specify	1
566	IBM i 6.1 with 6.1.1 Machine Code Specify Code	1
774	Power 720 4-core Express Edition for IBM i	1
853	#1888 Load Source Specify	1
1025	Modem Cable - US/Canada and General Use	1
1824	Quad-port 1 Gb HEA Daughter Card	1
1888	139GB 15K RPM SFF SAS Disk Drive	5
2145	Primary OS - IBM i	1
2893	PCIe 2-Line WAN w/Modem	1
3656	SAS SFF Cable	1
4526	8GB (2x4GB) Memory DIMMs, 1066 MHz, 2Gb DDR3 DRAM	1
4650	Rack Indicator- Not Factory Integrated	1
5553	Sys Console-Ethernet No IOP	1
5603	System AC Power Supply, 1725 W	2
5630	Storage Backplane -- 8 SFF Bays/175MB RAID/Dual IOA	1
5746	Half High 800GB/1.6TB LTO4 SAS Tape Drive	1
5747	IBM LTO Ultrium 4 800 GB Data Cartridge	1
5762	SATA Slimline DVD-RAM Drive	1
6458	Power Cable -- Drawer to IBM PDU, 14-foot, 250V/10A	2
7134	IBM Rack-mount Drawer Bezel and Hardware	1
7145	IBM/OEM Rack-mount Drawer Rail Kit	1
8350	4-core 3.0 GHz POWER7 Processor Module	1
8360	One Processor Activation for Processor Feature #8350	2
8363	Zero-priced Processor Activation for #8350	2
9300	Language Group Specify - US English	1
9441	New IBM i License Core Counter	1
9448	Other IBM i License Core Counter	3

E1.5   HARDWARE MACHINES TO BE INSTALLED

Configuration Table E: 3 lists the net new hardware items that shall be installed to upgrade the existing Server 9407-515 Server to the target System 8202-E4B server

Table E 3 - Configuration Server 1		
Product	Description	Qty
8202-E4B	Server 1:8202 Model E4B	1
41	Device Parity Protection-All, Specify Code	1
205	RISC-to-RISC Data Migration	1
267	IBM i Operating System Partition Specify	1
566	IBM i 6.1 with 6.1.1 Machine Code Specify Code	1
774	Power 720 4-core Express Edition for IBM i	1
853	#1888 Load Source Specify	1
1025	Modem Cable - US/Canada and General Use	1
1824	Quad-port 1 Gb HEA Daughter Card	1
1888	139GB 15K RPM SFF SAS Disk Drive	5
2145	Primary OS - IBM i	1
2893	PCIe 2-Line WAN w/Modem	1
3656	SAS SFF Cable	1
4526	8GB (2x4GB) Memory DIMMs, 1066 MHz, 2Gb DDR3 DRAM	1
4650	Rack Indicator- Not Factory Integrated	1
5553	Sys Console-Ethernet No IOP	1
5603	System AC Power Supply, 1725 W	2
5630	Storage Backplane -- 8 SFF Bays/175MB RAID/Dual IOA	1
5746	Half High 800GB/1.6TB LTO4 SAS Tape Drive	1
5747	IBM LTO Ultrium 4 800 GB Data Cartridge	1
5762	SATA Slimline DVD-RAM Drive	1
6458	Power Cable -- Drawer to IBM PDU, 14-foot, 250V/10A	2
7134	IBM Rack-mount Drawer Bezel and Hardware	1
7145	IBM/OEM Rack-mount Drawer Rail Kit	1
8350	4-core 3.0 GHz POWER7 Processor Module	1
8360	One Processor Activation for Processor Feature #8350	2
8363	Zero-priced Processor Activation for #8350	2
9300	Language Group Specify - US English	1
9441	New IBM i License Core Counter	1
9448	Other IBM i License Core Counter	3

E1.6   HARDWARE MACHINES TO BE REMOVED

Configuration Table E: 4 contains the list of items of the existing 9407-515 Server that shall be removed as part of the upgrade to the target System 8202-E4B server

Table E 4 - Configuration Server 1			
Product	Description	Serial	Qty
9407-515	9407 Model 515	100D552	1
2	Customer Install MES		2
41	Device Parity Protection-All		1
205	RISC-to-RISC Data Migration		1
534	i5/OS V6R1 M0 Machine Code		2
835	#4327/#1267 Load Source Spec		1
1025	Modem Cable - US/Canada		1
1827	Serial-UPS Conversion Cable		1
2924	English		1
4400	1GB DDR2 Main Storage		1
4474	2GB DDR2 Main Storage		1
4901	1W Serv Feat 515 1x8327		1
5159	850 Watt Power Supply		1
5550	Sys Console On HMC		1
5571	5727 Cache + 6 70GB Disk Pkg		1
5592	4-Disk Slot Exp + Controller		1
6011	515 Express Configuration 2		1
6458	14-Ft Int 250V/10A Pwr Cd		2
6598	Disk Slot Filler (Qty 4)		1
7182	Rack Mount		1
8327	1.9GHz Processor		1
8410	Base Proc Activation		1
9540	Base DVD-ROM		1
9548	Base 1GB Main Storage		1
9613	Base 70.56GB 15k rpm Disk Unit		2
9653	Base 30GB 1/4-Inch Cart Tape		1
9793	Base PCI 2-Line WAN w/Modem		1
9844	Base PCI IOP		1

E1.7   SOFTWARE BASE SYSTEM

Configuration Table E: 5 contains the list of software products currently licensed on the existing 9407-515 Server

Table E 5 - Configuration Server 1			
Product	Description	Serial	Qty
5639-ZC1	Zend Server Community Edition for i	68ACLBM	1
5809	Supply		1
D8UJ	BOTC per Server w/ 1-Year SWMA		1
5639-ZC1	Zend Server Community Edition for i	68AAPEM	1
5809	Supply		1
D8UJ	BOTC per Server w/ 1-Year SWMA		1
5639-ZC1	Zend Server Community Edition for i	68AAIFM	1
5809	Supply		1
D8UJ	BOTC per Server w/ 1-Year SWMA		1
5722-NLV	National Languages and Backup Media for IBM i	68AMIEL	1
5581	Canadian French Secondary Language		1
A0BB	OTC per Secondary Language		1
5722-SS1	i5/OS	68AMJEL	1
1610	OTC per Proc IBM i Charged with HW (515)		1
2001	ePoE Registration		1
2924	English U/L SBCS Primary		1
5839	CD-ROM IBM i V5R4		1
5845	V5R4M5 Machine Code - RS 545-F (05/15/2009)		1
6001	IBM i per Proc Registration (Qty 1)		1
6106	IBM i per User Registration (Qty 30)		1
7030	Setup and Operations CD V5R4		1
A0AV	OTC Keyed SW Media		1
5722-SSC	IBM i per User Billing	68AMLEL	1
A0CL	OTC per 5 Users (515)		5
A0CM	OTC per 5 Base Users (515)		1
5722-ST1	IBM DB2 Query Manager and SQL Development Kit for iSeries	68AMKEL	1
488	P05 DB2 Query - Package		1
2924	English U/L SBCS Primary		1
5839	CD-ROM V5R4		1
5722-WDS	IBM WebSphere Development Studio for iSeries	68AMHEL	1
2020	P20 ePoE Registration		1
2924	English U/L SBCS Primary		1
5839	CD-ROM WebSphere Dev Studio V5R4		1
5722-XW1	iSeries Access	68AMMEL	1
762	P05 PB Registration		1
2924	English U/L SBCS Primary		1
5839	CD-ROM Processor Based V5R4		1

Table E 5 - Configuration Server 1 (continued)			
Product	Description	Serial	Qty
5733-QU2	IBM Web Query for System i	68AANFM	1
2924	English U/L SBCS Primary		1
3441	LPAR System Indicator		1
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		7
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		10
4008	SW Key 4th CPU Digit V6		14
4009	SW Key 5th CPU Digit V6		5
4010	SW Key 6th CPU Digit V6		5
4011	SW Key 7th CPU Digit V6		2
5849	Supply Web Query (V1.1.1)		1
6345	Web Query User Registration		6
A3PV	P20 Upg OTC Web Query (from 5769/22-QU1)		1
A4AB	SW Key 1st MT Digit V6		9
5761-NLV	National Languages and Backup Media for IBM i V6	68AFOBM	1
492	OTC Secondary Language Media		1
5581	Canadian French Secondary Language		1
5761-NLV	National Languages and Backup Media for IBM i V6	68AATEM	1
492	OTC Secondary Language Media		1
5581	Canadian French Secondary Language		1
5761-QU1	IBM Query for i5/OS	68AARFM	1
579	P20 OTC		1
2924	English U/L SBCS Primary		1
3441	LPAR System Indicator		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		7
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		10
4008	SW Key 4th CPU Digit V6		14
4009	SW Key 5th CPU Digit V6		5
4010	SW Key 6th CPU Digit V6		5
4011	SW Key 7th CPU Digit V6		2
5819	Supply V6R1		1
5761-SS1	IBM i V6	68AFQBM	1
1348	OTC Keyed SW Media		1
2001	ePoE Registration		1

Table E 5 - Configuration Server 1 (continued)			
Product	Description	Serial	Qty
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		7
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		10
4008	SW Key 4th CPU Digit V6		14
4009	SW Key 5th CPU Digit V6		5
4010	Sw Key 6th CPU Digit V6		5
4011	SW Key 7th CPU Digit V6		2
5819	Supply IBM i V6R1		1
5860	V6R1M0 Machine Code - RS 610-G (10/23/2009)		1
6001	IBM i per Proc Registration (Qty 1)		1
6106	IBM i per User Registration (Qty 30)		1
7010	Setup and Operation CD V6R1		1
5761-SS1	IBM i V6	68AAUEM	1
1348	OTC Keyed SW Media		1
2001	ePoE Registration		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		7
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		10
4008	SW Key 4th CPU Digit V6		14
4009	SW Key 5th CPU Digit V6		5
4010	Sw Key 6th CPU Digit V6		5
4011	SW Key 7th CPU Digit V6		2
5819	Supply IBM i V6R1		1
5860	V6R1M0 Machine Code - RS 610-G (10/23/2009)		1
6001	IBM i per Proc Registration (Qty 1)		1
6106	IBM i per User Registration (Qty 30)		1
7010	Setup and Operation CD V6R1		1
5761-SS1	IBM i V6	68AAQFM	1
1306	BOTC Upg MSE (from 5722-SS1)		1
1348	OTC Keyed SW Media		1
2001	ePoE Registration		1
2924	English U/L SBCS Primary		1

Table E 5 - Configuration Server 1 (continued)			
Product	Description	Serial	Qty
3441	LPAR System Indicator		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		7
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		10
4008	SW Key 4th CPU Digit V6		14
4009	SW Key 5th CPU Digit V6		5
4010	Sw Key 6th CPU Digit V6		5
4011	SW Key 7th CPU Digit V6		2
5819	Supply IBM i V6R1		1
5860	V6R1M0 Machine Code - RS 610-G (10/23/2009)		1
6001	IBM i per Proc Registration (Qty 1)		1
7010	Setup and Operation CD V6R1		1
5761-ST1	IBM DB2 Query Manager and SQL Dev Kit for i5/OS	68AFWBM	1
879	PPS/P05 OTC Upg (from 5722-ST1)		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		7
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		10
4008	SW Key 4th CPU Digit V6		14
4009	SW Key 5th CPU Digit V6		5
4010	SW Key 6th CPU Digit V6		5
4011	SW Key 7th CPU Digit V6		2
5819	Supply V6R1		1
5761-ST1	IBM DB2 Query Manager and SQL Dev Kit for i5/OS	68AAWEM	1
879	PPS/P05 OTC Upg (from 5722-ST1)		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		7
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		10
4008	SW Key 4th CPU Digit V6		14

Table E 5 - Configuration Server 1 (continued)			
Product	Description	Serial	Qty
4009	SW Key 5th CPU Digit V6		5
4010	SW Key 6th CPU Digit V6		5
4011	SW Key 7th CPU Digit V6		2
5819	Supply V6R1		1
5761-WDS	IBM WebSphere Development Studio	68AFRBM	1
1482	WebSphere Development Studio Registration		1
1549	P20 OTC Upg ILE Compilers (from 5722-WDS)		1
1626	P20 OTC Upg Heritage Compilers (from 5722-WDS)		1
1682	P20 OTC Upg Appl Dev ToolSet (from 5722-WDS)		1
1747	OTC Upg per User ADTS (from 5722-WDS)		25
1751	OTC Upg per User Heritage (from 5722-WDS)		25
1757	OTC Upg per User ILE Compilers (from 5722-WDS)		25
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		7
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		10
4008	SW Key 4th CPU Digit V6		14
4009	SW Key 5th CPU Digit V6		5
4010	SW Key 6th CPU Digit V6		5
4011	SW Key 7th CPU Digit V6		2
5819	Supply Websphere Development V6R1		1
5911	Supply ILE Compilers V6R1		1
5912	Supply Heritage Compilers V6R1		1
5913	Supply Appl Dev ToolSet V6R1		1
5761-WDS	IBM WebSphere Development Studio	68AAVEM	1
1482	WebSphere Development Studio Registration		1
1549	P20 OTC Upg ILE Compilers (from 5722-WDS)		1
1626	P20 OTC Upg Heritage Compilers (from 5722-WDS)		1
1682	P20 OTC Upg Appl Dev ToolSet (from 5722-WDS)		1
1747	OTC Upg per User ADTS (from 5722-WDS)		25
1751	OTC Upg per User Heritage (from 5722-WDS)		25
1757	OTC Upg per User ILE Compilers (from 5722-WDS)		25
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		7
4005	SW Key 1st CPU Digit V6		1

Table E 5 - Configuration Server 1 (continued)			
Product	Description	Serial	Qty
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		10
4008	SW Key 4th CPU Digit V6		14
4009	SW Key 5th CPU Digit V6		5
4010	SW Key 6th CPU Digit V6		5
4011	SW Key 7th CPU Digit V6		2
5819	Supply Websphere Development V6R1		1
5911	Supply ILE Compilers V6R1		1
5912	Supply Heritage Compilers V6R1		1
5913	Supply Appl Dev ToolSet V6R1		1
5761-XW1	System i Access Family	68AFYBM	1
1375	PPS/P05 OTC Upg (from 5722-XW1)		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		7
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		10
4008	SW Key 4th CPU Digit V6		14
4009	SW Key 5th CPU Digit V6		5
4010	SW Key 6th CPU Digit V6		5
4011	SW Key 7th CPU Digit V6		2
5819	Supply Processor Based V6R1		1
5761-XW1	System i Access Family	68AAXEM	1
1375	PPS/P05 OTC Upg (from 5722-XW1)		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		7
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		10
4008	SW Key 4th CPU Digit V6		14
4009	SW Key 5th CPU Digit V6		5
4010	SW Key 6th CPU Digit V6		5
4011	SW Key 7th CPU Digit V6		2
5819	Supply Processor Based V6R1		1

E1.8   SOFTWARE TARGET SYSTEM

Configuration Table E: 6 contains the complete list of software products that shall be licensed on the target System 8202-E4B server configuration.

Table E 6 - Configuration Server 1			
Product	Description	Serial	Qty
5639-ZC1	Zend Server Community Edition for i	68ACLBM	1
5809	Supply		1
D8UJ	BOTC per Server w/ 1-Year SWMA		1
5639-ZC1	Zend Server Community Edition for i	68AAPEM	1
5809	Supply		1
D8UJ	BOTC per Server w/ 1-Year SWMA		1
5639-ZC1	Zend Server Community Edition for i	68AAIFM	1
5809	Supply		1
D8UJ	BOTC per Server w/ 1-Year SWMA		1
5722-NLV	National Languages and Backup Media for IBM i	68AMIEL	1
5581	Canadian French Secondary Language		1
A0BB	OTC per Secondary Language		1
5722-SS1	i5/OS	68AMJEL	1
1610	OTC per Proc IBM i Charged with HW (515)		1
2001	ePoE Registration		1
2924	English U/L SBCS Primary		1
5839	CD-ROM IBM i V5R4		1
5845	V5R4M5 Machine Code - RS 545-F (05/15/2009)		1
6001	IBM i per Proc Registration (Qty 1)		1
6106	IBM i per User Registration (Qty 30)		1
7030	Setup and Operations CD V5R4		1
A0AV	OTC Keyed SW Media		1
5722-SSC	IBM i per User Billing	68AMLEL	1
A0CL	OTC per 5 Users (515)		5
A0CM	OTC per 5 Base Users (515)		1
5722-ST1	IBM DB2 Query Manager and SQL Development Kit for iSeries	68AMKEL	1
488	P05 DB2 Query - Package		1
2924	English U/L SBCS Primary		1
5839	CD-ROM V5R4		1
5722-WDS	IBM WebSphere Development Studio for iSeries	68AMHEL	1
2020	P20 ePoE Registration		1
2924	English U/L SBCS Primary		1
5839	CD-ROM WebSphere Dev Studio V5R4		1
5722-XW1	iSeries Access	68AMMEL	1
762	P05 PB Registration		1
2924	English U/L SBCS Primary		1
5839	CD-ROM Processor Based V5R4		1
5733-NKY	Deactivate Software Key and ePoE		1

Table E 6 - Configuration Server 1 (continued)			
Product	Description	Serial	Qty
2924	English U/L SBCS Primary		1
4002	SW Key 2nd MT Digit V5		4
4003	SW Key 3rd MT Digit V5		10
4004	SW Key 4th MT Digit V5		7
4005	SW Key 1st CPU Digit V5		1
4006	SW Key 2nd CPU Digit V5		10
4007	SW Key 3rd CPU Digit V5		10
4008	SW Key 4th CPU Digit V5		14
4009	SW Key 5th CPU Digit V5		5
4010	SW Key 6th CPU Digit V5		5
4011	SW Key 7th CPU Digit V5		2
5809	5733-ITL Info Letter		1
6481	IBM i - per User block of 5 (57xx-SS1)		12
A2QK	SW Key 1st MT Digit V5		9
A5EN	IBM i - per Processor (57xx-SS1)		1
5733-QU2	IBM Web Query for System i	68AANFM	1
2924	English U/L SBCS Primary		1
3441	LPAR System Indicator		1
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		7
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		10
4008	SW Key 4th CPU Digit V6		14
4009	SW Key 5th CPU Digit V6		5
4010	SW Key 6th CPU Digit V6		5
4011	SW Key 7th CPU Digit V6		2
5849	Supply Web Query (V1.1.1)		1
6345	Web Query User Registration		6
A3PV	P20 Upg OTC Web Query (from 5769/22-QU1)		1
A4AB	SW Key 1st MT Digit V6		9
5733-SPP	IBM Software Maintenance for IBM i and Selected Products, 1-Year Registration		1
2935	MultiLingual Language		1
5829	Supply Media		1
9000	SWMA Renewal Registration		1
A3GD	P05 0Price Per Proc 1Yr Reg		1
5761-NLV	National Languages and Backup Media for IBM i V6		1
5581	Canadian French Secondary Language		1
5761-NLV	National Languages and Backup Media for IBM i V6	68AFOBM	1

Table E 6 - Configuration Server 1 (continued)			
Product	Description	Serial	Qty
492	OTC Secondary Language Media		1
5581	Canadian French Secondary Language		1
5761-NLV	National Languages and Backup Media for IBM i V6	68AATEM	1
492	OTC Secondary Language Media		1
5581	Canadian French Secondary Language		1
5761-QU1	IBM Query for i5/OS	68AARFM	1
579	P20 OTC		1
2924	English U/L SBCS Primary		1
3441	LPAR System Indicator		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		7
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		10
4008	SW Key 4th CPU Digit V6		14
4009	SW Key 5th CPU Digit V6		5
4010	SW Key 6th CPU Digit V6		5
4011	SW Key 7th CPU Digit V6		2
5819	Supply V6R1		1
5761-SS1	IBM i V6		1
1348	OTC Keyed SW Media		1
5761-SS1	IBM i V6		1
2001	ePoE Registration		1
2004	OTC per IBM i license transfer		1
2924	English U/L SBCS Primary		1
5819	Supply IBM i V6R1		1
5861	V6R1M1 Machine Code - RS 611-E (10/14/2011)		1
5900	IBM i License Transfer Document		1
6287	IBM i Access 7.1 (XE1 and XH2)		1
6348	IBM i per Proc Transfer Registration		1
6351	IBM i per User Transfer Registration (blk of 5)		12
7010	Setup and Operation CD V6R1		1
5761-SS1	IBM i V6	68AFQBM	1
1348	OTC Keyed SW Media		1
2001	ePoE Registration		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		7

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Table E 6 - Configuration Server 1 (continued)			
Product	Description	Serial	Qty
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		10
4008	SW Key 4th CPU Digit V6		14
4009	SW Key 5th CPU Digit V6		5
4010	Sw Key 6th CPU Digit V6		5
4011	SW Key 7th CPU Digit V6		2
5819	Supply IBM i V6R1		1
5860	V6R1M0 Machine Code - RS 610-G (10/23/2009)		1
6001	IBM i per Proc Registration (Qty 1)		1
6106	IBM i per User Registration (Qty 30)		1
7010	Setup and Operation CD V6R1		1
5761-SS1	IBM i V6	68AAUEM	1
1348	OTC Keyed SW Media		1
2001	ePoE Registration		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		7
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		10
4008	SW Key 4th CPU Digit V6		14
4009	SW Key 5th CPU Digit V6		5
4010	Sw Key 6th CPU Digit V6		5
4011	SW Key 7th CPU Digit V6		2
5819	Supply IBM i V6R1		1
5860	V6R1M0 Machine Code - RS 610-G (10/23/2009)		1
6001	IBM i per Proc Registration (Qty 1)		1
6106	IBM i per User Registration (Qty 30)		1
7010	Setup and Operation CD V6R1		1
5761-SS1	IBM i V6	68AAQFM	1
1306	BOTC Upg MSE (from 5722-SS1)		1
1348	OTC Keyed SW Media		1
2001	ePoE Registration		1
2924	English U/L SBCS Primary		1
3441	LPAR System Indicator		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		7

Table E 6 - Configuration Server 1 (continued)			
Product	Description	Serial	Qty
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		10
4008	SW Key 4th CPU Digit V6		14
4009	SW Key 5th CPU Digit V6		5
4010	Sw Key 6th CPU Digit V6		5
4011	SW Key 7th CPU Digit V6		2
5819	Supply IBM i V6R1		1
5860	V6R1M0 Machine Code - RS 610-G (10/23/2009)		1
6001	IBM i per Proc Registration (Qty 1)		1
7010	Setup and Operation CD V6R1		1
5761-ST1	IBM DB2 Query Manager and SQL Dev Kit for i5/OS	68AFWBM	1
879	PPS/P05 OTC Upg (from 5722-ST1)		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		7
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		10
4008	SW Key 4th CPU Digit V6		14
4009	SW Key 5th CPU Digit V6		5
4010	SW Key 6th CPU Digit V6		5
4011	SW Key 7th CPU Digit V6		2
5819	Supply V6R1		1
5761-ST1	IBM DB2 Query Manager and SQL Dev Kit for i5/OS	68AAWEM	1
879	PPS/P05 OTC Upg (from 5722-ST1)		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		7
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		10
4008	SW Key 4th CPU Digit V6		14
4009	SW Key 5th CPU Digit V6		5
4010	SW Key 6th CPU Digit V6		5
4011	SW Key 7th CPU Digit V6		2
5819	Supply V6R1		1
5761-WDS	IBM WebSphere Development Studio	68AFRBM	1

Table E 6 - Configuration Server 1 (continued)			
Product	Description	Serial	Qty
1482	WebSphere Development Studio Registration		1
1549	P20 OTC Upg ILE Compilers (from 5722-WDS)		1
1626	P20 OTC Upg Heritage Compilers (from 5722-WDS)		1
1682	P20 OTC Upg Appl Dev ToolSet (from 5722-WDS)		1
1747	OTC Upg per User ADTS (from 5722-WDS)		25
1751	OTC Upg per User Heritage (from 5722-WDS)		25
1757	OTC Upg per User ILE Compilers (from 5722-WDS)		25
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		7
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		10
4008	SW Key 4th CPU Digit V6		14
4009	SW Key 5th CPU Digit V6		5
4010	SW Key 6th CPU Digit V6		5
4011	SW Key 7th CPU Digit V6		2
5819	Supply Websphere Development V6R1		1
5911	Supply ILE Compilers V6R1		1
5912	Supply Heritage Compilers V6R1		1
5913	Supply Appl Dev ToolSet V6R1		1
5761-WDS	IBM WebSphere Development Studio	68AAVEM	1
1482	WebSphere Development Studio Registration		1
1549	P20 OTC Upg ILE Compilers (from 5722-WDS)		1
1626	P20 OTC Upg Heritage Compilers (from 5722-WDS)		1
1682	P20 OTC Upg Appl Dev ToolSet (from 5722-WDS)		1
1747	OTC Upg per User ADTS (from 5722-WDS)		25
1751	OTC Upg per User Heritage (from 5722-WDS)		25
1757	OTC Upg per User ILE Compilers (from 5722-WDS)		25
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		7
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		10
4008	SW Key 4th CPU Digit V6		14
4009	SW Key 5th CPU Digit V6		5
4010	SW Key 6th CPU Digit V6		5

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Table E 6 - Configuration Server 1 (continued)		Serial	Qty
Product	Description	Serial	Qty
4011	SW Key 7th CPU Digit V6		2
5819	Supply Websphere Development V6R1		1
5911	Supply ILE Compilers V6R1		1
5912	Supply Heritage Compilers V6R1		1
5913	Supply Appl Dev ToolSet V6R1		1
5761-XW1	System i Access Family		1
1419	P05 OTC Charged with HW		1
2924	English U/L SBCS Primary		1
5819	Supply Processor Based V6R1		1
5761-XW1	System i Access Family	68AFYBM	1
1375	PPS/P05 OTC Upg (from 5722-XW1)		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		7
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		10
4008	SW Key 4th CPU Digit V6		14
4009	SW Key 5th CPU Digit V6		5
4010	SW Key 6th CPU Digit V6		5
4011	SW Key 7th CPU Digit V6		2
5819	Supply Processor Based V6R1		1
5761-XW1	System i Access Family	68AAXEM	1
1375	PPS/P05 OTC Upg (from 5722-XW1)		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		7
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		10
4008	SW Key 4th CPU Digit V6		14
4009	SW Key 5th CPU Digit V6		5
4010	SW Key 6th CPU Digit V6		5
4011	SW Key 7th CPU Digit V6		2
5819	Supply Processor Based V6R1		1

E1.9   SOFTWARE TO BE INSTALLED

Configuration Table E: 7 contains the list of new software products that shall be licensed on the target System 8202-E4B server configuration

Table E 7 - Configuration Server 1		
Product	Description	Qty
5733-NKY	Deactivate Software Key and ePoE	1
2924	English U/L SBCS Primary	1
4002	SW Key 2nd MT Digit V5	4
4003	SW Key 3rd MT Digit V5	10
4004	SW Key 4th MT Digit V5	7
4005	SW Key 1st CPU Digit V5	1
4006	SW Key 2nd CPU Digit V5	10
4007	SW Key 3rd CPU Digit V5	10
4008	SW Key 4th CPU Digit V5	14
4009	SW Key 5th CPU Digit V5	5
4010	SW Key 6th CPU Digit V5	5
4011	SW Key 7th CPU Digit V5	2
5809	5733-ITL Info Letter	1
6481	IBM i - per User block of 5 (57xx-SS1)	12
A2QK	SW Key 1st MT Digit V5	9
A5EN	IBM i - per Processor (57xx-SS1)	1
5733-SPP	IBM Software Maintenance for IBM i and Selected Products, 1-Year Registration	1
2935	MultiLingual Language	1
5829	Supply Media	1
9000	SWMA Renewal Registration	1
A3GD	P05 0Price Per Proc 1Yr Reg	1
5761-NLV	National Languages and Backup Media for IBM i V6	1
5581	Canadian French Secondary Language	1
5761-SS1	IBM i V6	1
1348	OTC Keyed SW Media	1
5761-SS1	IBM i V6	1
2001	ePoE Registration	1
2004	OTC per IBM i license transfer	1
2924	English U/L SBCS Primary	1
5819	Supply IBM i V6R1	1
5861	V6R1M1 Machine Code - RS 611-E (10/14/2011)	1
5900	IBM i License Transfer Document	1
6287	IBM i Access 7.1 (XE1 and XH2)	1
6348	IBM i per Proc Transfer Registration	1
6351	IBM i per User Transfer Registration (blk of 5)	12
7010	Setup and Operation CD V6R1	1
5761-XW1	System i Access Family	1
1419	P05 OTC Charged with HW	1

Table E 7 - Configuration Server 1 (continued)		
Product	Description	Qty
2924	English U/L SBCS Primary	1
5819	Supply Processor Based V6R1	1
6942-12F	Software Maintenance for IBM i	1
9	SWMA for IBM i	1
1159	Prime Shift Support	1
6933	Quantity of Used Processors i5/OS	1
6934	P05 SWMA i5/OS	1
6942-12F	Software Maintenance for IBM i	1
9	SWMA for IBM i	1
1159	Prime Shift Support	1
6933	Quantity of Used Processors i5/OS	1
6934	P05 SWMA i5/OS	1

E2.   CONFIGURATION SERVER 2

E2.1   HARDWARE BASE SYSTEM

Configuration Table E: 1 lists the hardware items that constitutes the existing 9406-520 Server to be upgraded

Table E 1 – Configuration Server 2			
Product	Description	Serial	Qty
9406-520	Server:9406 Model 520	10E6DEE	1
2	Customer Install MES		2
41	Device Parity Protection-All		1
205	RISC-to-RISC Data Migration		1
534	i5/OS V6R1 M0 Machine Code		1
834	#4326/#1266 Load Source Spec		1
901	1W Serv Feat 520 1X8951		1
1025	Modem Cable - US/Canada		1
1827	Serial-UPS Conversion Cable		1
2640	DVD-ROM		1
2844	PCI IOP		1
2924	English		1
4326	35.16GB 15k rpm Disk Unit		4
4444	1GB DDR-1 Main Storage		2
4746	PCI Twinaxial Workstn IOA		2
5550	Sys Console On HMC		1
5709	RAID Enabler Card		1
5754	50GB 1/4-Inch Cartridge Tape		1
6458	14-Ft Int 250V/10A Pwr Cd		1
7451	Value Edition for #0901		1
7884	520 Rack Mount		1
8951	520 1.5GHZ PROCESSOR		1

Table E 1 – Configuration Server 2 (continued)			
Product	Description	Serial	Qty
9793	Base PCI 2-Line WAN w/Modem		1
9844	Base PCI IOP		1

E2.2 HARDWARE TARGET SYSTEM

Configuration Table E: 2 lists the complete set of hardware items that shall constitute the upgraded target System 8202-E4B server configuration.

Table E 2 – Configuration Server 2		
Product	Description	Qty
8202-E4B	Server 1:8202 Model E4B	1
41	Device Parity Protection-All, Specify Code	1
205	RISC-to-RISC Data Migration	1
267	IBM i Operating System Partition Specify	1
566	IBM i 6.1 with 6.1.1 Machine Code Specify Code	1
774	Power 720 4-core Express Edition for IBM i	1
853	#1888 Load Source Specify	1
1025	Modem Cable - US/Canada and General Use	1
1824	Quad-port 1 Gb HEA Daughter Card	1
1888	139GB 15K RPM SFF SAS Disk Drive	5
2145	Primary OS - IBM i	1
2893	PCIe 2-Line WAN w/Modem	1
3656	SAS SFF Cable	1
4526	8GB (2x4GB) Memory DIMMs, 1066 MHz, 2Gb DDR3 DRAM	1
4650	Rack Indicator- Not Factory Integrated	1
5553	Sys Console-Ethernet No IOP	1
5603	System AC Power Supply, 1725 W	2
5630	Storage Backplane -- 8 SFF Bays/175MB RAID/Dual IOA	1
5746	Half High 800GB/1.6TB LTO4 SAS Tape Drive	1
5747	IBM LTO Ultrium 4 800 GB Data Cartridge	1
5762	SATA Slimline DVD-RAM Drive	1
6458	Power Cable -- Drawer to IBM PDU, 14-foot, 250V/10A	2
7134	IBM Rack-mount Drawer Bezel and Hardware	1
7145	IBM/OEM Rack-mount Drawer Rail Kit	1
8350	4-core 3.0 GHz POWER7 Processor Module	1
8360	One Processor Activation for Processor Feature #8350	2
8363	Zero-priced Processor Activation for #8350	2
9300	Language Group Specify - US English	1
9441	New IBM i License Core Counter	1
9448	Other IBM i License Core Counter	3

E2.3   HARDWARE MACHINES TO BE INSTALLED

Configuration Table E: 3 lists the net new hardware items that shall be installed to upgrade the existing Server 9406-520 Server to the target System 8202-E4B server.

Table E 3 – Configuration Server 2		
Product	Description	Qty
8202-E4B	Server 1:8202 Model E4B	1
41	Device Parity Protection-All, Specify Code	1
205	RISC-to-RISC Data Migration	1
267	IBM i Operating System Partition Specify	1
566	IBM i 6.1 with 6.1.1 Machine Code Specify Code	1
774	Power 720 4-core Express Edition for IBM i	1
853	#1888 Load Source Specify	1
1025	Modem Cable - US/Canada and General Use	1
1824	Quad-port 1 Gb HEA Daughter Card	1
1888	139GB 15K RPM SFF SAS Disk Drive	5
2145	Primary OS - IBM i	1
2893	PCIe 2-Line WAN w/Modem	1
3656	SAS SFF Cable	1
4526	8GB (2x4GB) Memory DIMMs, 1066 MHz, 2Gb DDR3 DRAM	1
4650	Rack Indicator- Not Factory Integrated	1
5553	Sys Console-Ethernet No IOP	1
5603	System AC Power Supply, 1725 W	2
5630	Storage Backplane -- 8 SFF Bays/175MB RAID/Dual IOA	1
5746	Half High 800GB/1.6TB LTO4 SAS Tape Drive	1
5747	IBM LTO Ultrium 4 800 GB Data Cartridge	1
5762	SATA Slimline DVD-RAM Drive	1
6458	Power Cable -- Drawer to IBM PDU, 14-foot, 250V/10A	2
7134	IBM Rack-mount Drawer Bezel and Hardware	1
7145	IBM/OEM Rack-mount Drawer Rail Kit	1
8350	4-core 3.0 GHz POWER7 Processor Module	1
8360	One Processor Activation for Processor Feature #8350	2
8363	Zero-priced Processor Activation for #8350	2
9300	Language Group Specify - US English	1
9441	New IBM i License Core Counter	1
9448	Other IBM i License Core Counter	3

E2.4   HARDWARE MACHINES TO BE REMOVED

Configuration Table E: 4 contains the list of items of the existing 9406-520 Server that shall be removed as part of the upgrade to the target System 8202-E4B server

Table E 4 – Configuration Server 2			
Product	Description	Serial	Qty
9406-520	9406 Model 520	10E6DEE	1
2	Customer Install MES		2
41	Device Parity Protection-All		1
205	RISC-to-RISC Data Migration		1
534	i5/OS V6R1 M0 Machine Code		1
834	#4326/#1266 Load Source Spec		1
901	1W Serv Feat 520 1X8951		1
1025	Modem Cable - US/Canada		1
1827	Serial-UPS Conversion Cable		1
2640	DVD-ROM		1
2844	PCI IOP		1
2924	English		1
4326	35.16GB 15k rpm Disk Unit		4
4444	1GB DDR-1 Main Storage		2
4746	PCI Twinaxial Workstn IOA		2
5550	Sys Console On HMC		1
5709	RAID Enabler Card		1
5754	50GB 1/4-Inch Cartridge Tape		1
6458	14-Ft Int 250V/10A Pwr Cd		1
7451	Value Edition for #0901		1
7884	520 Rack Mount		1
8951	520 1.5GHZ PROCESSOR		1
9793	Base PCI 2-Line WAN w/Modem		1
9844	Base PCI IOP		1

E2.5   SOFTWARE BASE SYSTEM

Configuration Table E: 5 contains the list of software products currently licensed on the existing 9406-520 Server.

Table E 5 – Configuration Server 2			
Product	Description	Serial	Qty
5639-ZC1	Zend Server Community Edition for i	68ACKBM	1
5809	Supply		1
D8UJ	BOTC per Server w/ 1-Year SWMA		1
5722-AC3	Cryptographic Access Provider 128-bit for iSeries	68ABQCI	1
2001	ePoE Registration		1
2924	English U/L SBCS Primary		1
5829	CD-ROM V5R3		1

Table E 5 – Configuration Server 2 (continued)			
Product	Description	Serial	Qty
5722-BR1	IBM Backup and Recovery Media Services for iSeries	68AIKDK	1
2001	ePoE Registration - Network		1
2010	P10 ePoE Registration		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V5		9
4002	SW Key 2nd MT Digit V5		4
4003	SW Key 3rd MT Digit V5		10
4004	SW Key 4th MT Digit V5		6
4005	SW Key 1st CPU Digit V5		1
4006	SW Key 2nd CPU Digit V5		10
4007	SW Key 3rd CPU Digit V5		15
4008	SW Key 4th CPU Digit V5		6
4009	SW Key 5th CPU Digit V5		14
4010	SW Key 6th CPU Digit V5		15
4011	SW Key 7th CPU Digit V5		15
5839	CD-ROM BRMS V5R4		1
5931	CD-ROM Network Feature V5R4		1
5722-BR1	IBM Backup and Recovery Media Services for iSeries	68ABTCI	1
516	BOTC Network		1
551	P10 Basic OTC BRMS		1
2924	English U/L SBCS Primary		1
5829	CD-ROM BRMS V5R3		1
5921	CD-ROM Network Feature V5R3		1
5722-CE3	iSeries Client Encryption 128-bit	68ABWCI	1
2001	ePoE Registration		1
2924	English U/L SBCS Primary		1
5829	CD-ROM V5R3		1
5722-DR1	IBM Director for i5/OS V5.20	68AIODK	1
2935	Multilingual Language		1
5809	CD-ROM		1
A0BE	BOTC Director for i5/OS		1
5722-NLV	National Languages and Backup Media for IBM i	68AIQDK	1
5581	Canadian French Secondary Language		1
A0BB	OTC per Secondary Language		1
5722-PT1	IBM Performance Tools for iSeries	68AIXDK	1
2010	P10 ePoE Registration		1
2110	P10 ePoE Registration - Manager		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V5		9
4002	SW Key 2nd MT Digit V5		4
4003	SW Key 3rd MT Digit V5		10
4004	SW Key 4th MT Digit V5		6

Table E 5 – Configuration Server 2 (continued)			
Product	Description	Serial	Qty
4005	SW Key 1st CPU Digit V5		1
4006	SW Key 2nd CPU Digit V5		10
4007	SW Key 3rd CPU Digit V5		15
4008	SW Key 4th CPU Digit V5		6
4009	SW Key 5th CPU Digit V5		14
4010	SW Key 6th CPU Digit V5		15
4011	SW Key 7th CPU Digit V5		15
5839	CD-ROM Performance Tools V5R4		1
5931	CD-ROM Manager Feature V5R4		1
5722-PT1	IBM Performance Tools for iSeries	68ACCCI	1
2010	P10 ePoE Registration		1
2110	P10 ePoE Registration - Manager		1
2924	English U/L SBCS Primary		1
5829	CD-ROM Performance Tools V5R3		1
5921	CD-ROM Manager Feature V5R3		1
5722-QU1	IBM Query for iSeries	68AIMDK	1
2010	P10 ePoE Registration		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V5		9
4002	SW Key 2nd MT Digit V5		4
4003	SW Key 3rd MT Digit V5		10
4004	SW Key 4th MT Digit V5		6
4005	SW Key 1st CPU Digit V5		1
4006	SW Key 2nd CPU Digit V5		10
4007	SW Key 3rd CPU Digit V5		15
4008	SW Key 4th CPU Digit V5		6
4009	SW Key 5th CPU Digit V5		14
4010	SW Key 6th CPU Digit V5		15
4011	SW Key 7th CPU Digit V5		15
5839	CD-ROM V5R4		1
5722-QU1	IBM Query for iSeries	68ABZCI	1
2010	P10 ePoE Registration		1
2924	English U/L SBCS Primary		1
5829	CD-ROM V5R3		1
5722-SS1	i5/OS	68AIZDK	1
2001	ePoE Registration		1
2101	ePoE Registration - MSE		1
2201	ePoE Registration - PSF 1-55		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V5		9
4002	SW Key 2nd MT Digit V5		4
4003	SW Key 3rd MT Digit V5		10

Table E 5 – Configuration Server 2 (continued)			
Product	Description	Serial	Qty
4004	SW Key 4th MT Digit V5		6
4005	SW Key 1st CPU Digit V5		1
4006	SW Key 2nd CPU Digit V5		10
4007	SW Key 3rd CPU Digit V5		15
4008	SW Key 4th CPU Digit V5		6
4009	SW Key 5th CPU Digit V5		14
4010	SW Key 6th CPU Digit V5		15
4011	SW Key 7th CPU Digit V5		15
5839	CD-ROM IBM i V5R4		1
5840	V5R4M0 Machine Code - RS 540-G		1
5931	CD-ROM Media and Storage Extensions V5R4		1
5936	CD-ROM PSF/400 1-55 PPM V5R4		1
7030	Setup and Operations CD V5R4		1
A0AV	OTC Keyed SW Media		1
5722-SS1	i5/OS	68ACECI	1
664	BOTC M&S Ext		1
1499	OTC per Proc IBM i Charged with HW (520)		1
2001	ePoE Registration		1
2201	ePoE Registration - PSF 1-55		1
2924	English U/L SBCS Primary		1
5781	Canadian French SBCS Secondary Language		1
5829	CD-ROM IBM i V5R3		1
5921	CD-ROM Media and Storage Extensions V5R3		1
5926	CD-ROM PSF/400 1-55 PPM V5R3		1
6001	IBM i per Proc Registration (Qty 1)		1
7020	Setup and Operations CD V5R3		1
5722-ST1	IBM DB2 Query Manager and SQL Development Kit for iSeries	68AIRDK	1
2010	P10 ePoE Registration		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V5		9
4002	SW Key 2nd MT Digit V5		4
4003	SW Key 3rd MT Digit V5		10
4004	SW Key 4th MT Digit V5		6
4005	SW Key 1st CPU Digit V5		1
4006	SW Key 2nd CPU Digit V5		10
4007	SW Key 3rd CPU Digit V5		15
4008	SW Key 4th CPU Digit V5		6
4009	SW Key 5th CPU Digit V5		14
4010	SW Key 6th CPU Digit V5		15
4011	SW Key 7th CPU Digit V5		15
5839	CD-ROM V5R4		1
5722-ST1	IBM DB2 Query Manager and SQL Development Kit for iSeries	68AB1CI	1

Table E 5 – Configuration Server 2 (continued)			
Product	Description	Serial	Qty
2010	P10 ePoE Registration		1
2924	English U/L SBCS Primary		1
5829	CD-ROM V5R3		1
5722-WE1	Web Enablement for iSeries	68AB3CI	1
1467	BOTC Web Enablement		1
2924	English U/L SBCS Primary		1
5829	CD-ROM Websphere Express V5.0/V5.1		1
5722-WE2	Web Enablement for i5/OS	68AITDK	1
2924	English U/L SBCS Primary		1
5904	Websphere Express V6.1 (DVD)		1
A0BC	BOTC Websphere Express V6.1		1
5722-WE2	Web Enablement for i5/OS	68AB9CI	1
1536	BOTC Websphere Express V6.0		1
2924	English U/L SBCS Primary		1
5902	Websphere Express V6.0 (CD-ROM)		1
5722-XW1	iSeries Access	68AIVDK	1
2001	ePoE Registration - UB		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V5		9
4002	SW Key 2nd MT Digit V5		4
4003	SW Key 3rd MT Digit V5		10
4004	SW Key 4th MT Digit V5		6
4005	SW Key 1st CPU Digit V5		1
4006	SW Key 2nd CPU Digit V5		10
4007	SW Key 3rd CPU Digit V5		15
4008	SW Key 4th CPU Digit V5		6
4009	SW Key 5th CPU Digit V5		14
4010	SW Key 6th CPU Digit V5		15
4011	SW Key 7th CPU Digit V5		15
5739	CD-ROM User Based V5R4		1
5722-XW1	iSeries Access	68AB6CI	1
2001	ePoE Registration - UB		1
2924	English U/L SBCS Primary		1
5729	CD-ROM User Based V5R3		1
5733-DR1	Director with VE Console for i5/OS V5.10	68ABXDK	1
2935	Multilingual Language		1
5809	CD-ROM		1
A3KQ	BOTC Director for i5/OS		1
5733-QU2	IBM Web Query for System i	68ACVBM	1
2924	English U/L SBCS Primary		1
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10

Table E 5 – Configuration Server 2 (continued)			
Product	Description	Serial	Qty
4004	SW Key 4th MT Digit V6		6
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		15
4008	SW Key 4th CPU Digit V6		6
4009	SW Key 5th CPU Digit V6		14
4010	SW Key 6th CPU Digit V6		15
4011	SW Key 7th CPU Digit V6		15
5849	Supply Web Query (V1.1.1)		1
6345	Web Query User Registration		4
A3PT	P10 Upg OTC Web Query (from 5769/22-QU1)		1
A4AB	SW Key 1st MT Digit V6		9
5733-SC1	Portable Utilities for i5/OS	68AAVCI	1
2924	English U/L SBCS Primary		1
4904	BOTC Portable Utilities		1
5809	CD-ROM		1
5733-VE1	Virtualization Engine	68AA1CI	1
2924	English U/L SBCS Primary		1
4873	BOTC Director Multiplatform		1
5921	CD-ROM Director Multiplatform		1
5733-XT1	XML Toolkit for iSeries	68ABVDK	1
4714	BOTC XML Toolkit (Zero Priced)		1
5809	CD-ROM		1
5733-XT2	XML Toolkit for IBM System i5	68ABZDK	1
5809	CD-ROM V1R1		1
A3KT	BOTC XML Toolkit		1
5761-BR1	IBM Backup Recovery and Media Services for i5/OS	68AFSBM	1
887	P10 OTC Upg BRMS (from 5722-BR1)		1
985	BOTC Upg Network feature (from 5722-BR1)		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		6
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		15
4008	SW Key 4th CPU Digit V6		6
4009	SW Key 5th CPU Digit V6		14
4010	SW Key 6th CPU Digit V6		15
4011	SW Key 7th CPU Digit V6		15
5819	Supply BRMS V6R1		1

Table E 5 – Configuration Server 2 (continued)			
Product	Description	Serial	Qty
5911	Supply Network feature V6R1		1
5761-NLV	National Languages and Backup Media for IBM i V6	68AFNBM	1
492	OTC Secondary Language Media		1
5581	Canadian French Secondary Language		1
5761-PT1	IBM Performance Tools for i5/OS	68AFTBM	1
1075	P10 OTC Upg Perf Tools (from 5722-PT1)		1
1181	P10 OTC Upg Manager feature (from 5722-PT1)		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		6
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		15
4008	SW Key 4th CPU Digit V6		6
4009	SW Key 5th CPU Digit V6		14
4010	SW Key 6th CPU Digit V6		15
4011	SW Key 7th CPU Digit V6		15
5819	Supply Performance Tools V6R1		1
5911	Supply Manager feature V6R1		1
5761-QU1	IBM Query for i5/OS	68AFUBM	1
578	P10 OTC		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		6
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		15
4008	SW Key 4th CPU Digit V6		6
4009	SW Key 5th CPU Digit V6		14
4010	SW Key 6th CPU Digit V6		15
4011	SW Key 7th CPU Digit V6		15
5819	Supply V6R1		1
5761-SS1	IBM i V6	68AFPBM	1
752	BOTC Upg PSF 1-55 PPM (from 5722-SS1)		1
1306	BOTC Upg MSE (from 5722-SS1)		1
1348	OTC Keyed SW Media		1
2001	ePoE Registration		1
2924	English U/L SBCS Primary		1

Table E 5 – Configuration Server 2 (continued)			
Product	Description	Serial	Qty
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		6
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		15
4008	SW Key 4th CPU Digit V6		6
4009	SW Key 5th CPU Digit V6		14
4010	Sw Key 6th CPU Digit V6		15
4011	SW Key 7th CPU Digit V6		15
5819	Supply IBM i V6R1		1
5860	V6R1M0 Machine Code - RS 610-G (10/23/2009)		1
5911	Supply Media & Storage Extension V6R1		1
5916	Supply PSF 1-55 PPM V6R1		1
6001	IBM i per Proc Registration (Qty 1)		1
7010	Setup and Operation CD V6R1		1
5761-ST1	IBM DB2 Query Manager and SQL Dev Kit for i5/OS	68AFVBM	1
880	P10 OTC Upg (from 5722-ST1)		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		6
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		15
4008	SW Key 4th CPU Digit V6		6
4009	SW Key 5th CPU Digit V6		14
4010	SW Key 6th CPU Digit V6		15
4011	SW Key 7th CPU Digit V6		15
5819	Supply V6R1		1
5761-XW1	System i Access Family	68AFXBM	1
1382	OTC Upg per User (from 5722-XW1)		2
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		6
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		15

Table E 5 – Configuration Server 2 (continued)			
Product	Description	Serial	Qty
4008	SW Key 4th CPU Digit V6		6
4009	SW Key 5th CPU Digit V6		14
4010	SW Key 6th CPU Digit V6		15
4011	SW Key 7th CPU Digit V6		15
5719	Supply User Based V6R1		1

E2.6   SOFTWARE TARGET SYSTEM

Configuration Table E: 6 contains the complete list of software products that shall be licensed on the target System 8202-E4B server configuration.

Table E6 – Configuration Server 2			
Product	Description	Serial	Qty
5639-ZC1	Zend Server Community Edition for i	68ACKBM	1
5809	Supply		1
D8UJ	BOTC per Server w/ 1-Year SWMA		1
5722-AC3	Cryptographic Access Provider 128-bit for iSeries	68ABQCI	1
2001	ePoE Registration		1
2924	English U/L SBCS Primary		1
5829	CD-ROM V5R3		1
5722-BR1	IBM Backup and Recovery Media Services for iSeries	68AIKDK	1
2001	ePoE Registration - Network		1
2010	P10 ePoE Registration		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V5		9
4002	SW Key 2nd MT Digit V5		4
4003	SW Key 3rd MT Digit V5		10
4004	SW Key 4th MT Digit V5		6
4005	SW Key 1st CPU Digit V5		1
4006	SW Key 2nd CPU Digit V5		10
4007	SW Key 3rd CPU Digit V5		15
4008	SW Key 4th CPU Digit V5		6
4009	SW Key 5th CPU Digit V5		14
4010	SW Key 6th CPU Digit V5		15
4011	SW Key 7th CPU Digit V5		15
5839	CD-ROM BRMS V5R4		1
5931	CD-ROM Network Feature V5R4		1
5722-BR1	IBM Backup and Recovery Media Services for iSeries	68ABTCI	1
516	BOTC Network		1
551	P10 Basic OTC BRMS		1
2924	English U/L SBCS Primary		1
5829	CD-ROM BRMS V5R3		1

Table E6 – Configuration Server 2 (continued)			
Product	Description	Serial	Qty
5921	CD-ROM Network Feature V5R3		1
5722-CE3	iSeries Client Encryption 128-bit	68ABWCI	1
2001	ePoE Registration		1
2924	English U/L SBCS Primary		1
5829	CD-ROM V5R3		1
5722-DR1	IBM Director for i5/OS V5.20	68AIODK	1
2935	Multilingual Language		1
5809	CD-ROM		1
A0BE	BOTC Director for i5/OS		1
5722-NLV	National Languages and Backup Media for IBM i	68AIQDK	1
5581	Canadian French Secondary Language		1
A0BB	OTC per Secondary Language		1
5722-PT1	IBM Performance Tools for iSeries	68AIXDK	1
2010	P10 ePoE Registration		1
2110	P10 ePoE Registration - Manager		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V5		9
4002	SW Key 2nd MT Digit V5		4
4003	SW Key 3rd MT Digit V5		10
4004	SW Key 4th MT Digit V5		6
4005	SW Key 1st CPU Digit V5		1
4006	SW Key 2nd CPU Digit V5		10
4007	SW Key 3rd CPU Digit V5		15
4008	SW Key 4th CPU Digit V5		6
4009	SW Key 5th CPU Digit V5		14
4010	SW Key 6th CPU Digit V5		15
4011	SW Key 7th CPU Digit V5		15
5839	CD-ROM Performance Tools V5R4		1
5931	CD-ROM Manager Feature V5R4		1
5722-PT1	IBM Performance Tools for iSeries	68ACCCI	1
2010	P10 ePoE Registration		1
2110	P10 ePoE Registration - Manager		1
2924	English U/L SBCS Primary		1
5829	CD-ROM Performance Tools V5R3		1
5921	CD-ROM Manager Feature V5R3		1
5722-QU1	IBM Query for iSeries	68AIMDK	1
2010	P10 ePoE Registration		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V5		9
4002	SW Key 2nd MT Digit V5		4
4003	SW Key 3rd MT Digit V5		10
4004	SW Key 4th MT Digit V5		6

Table E6 – Configuration Server 2 (continued)			
Product	Description	Serial	Qty
4005	SW Key 1st CPU Digit V5		1
4006	SW Key 2nd CPU Digit V5		10
4007	SW Key 3rd CPU Digit V5		15
4008	SW Key 4th CPU Digit V5		6
4009	SW Key 5th CPU Digit V5		14
4010	SW Key 6th CPU Digit V5		15
4011	SW Key 7th CPU Digit V5		15
5839	CD-ROM V5R4		1
5722-QU1	IBM Query for iSeries	68ABZCI	1
2010	P10 ePoE Registration		1
2924	English U/L SBCS Primary		1
5829	CD-ROM V5R3		1
5722-SS1	i5/OS	68AIZDK	1
2001	ePoE Registration		1
2101	ePoE Registration - MSE		1
2201	ePoE Registration - PSF 1-55		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V5		9
4002	SW Key 2nd MT Digit V5		4
4003	SW Key 3rd MT Digit V5		10
4004	SW Key 4th MT Digit V5		6
4005	SW Key 1st CPU Digit V5		1
4006	SW Key 2nd CPU Digit V5		10
4007	SW Key 3rd CPU Digit V5		15
4008	SW Key 4th CPU Digit V5		6
4009	SW Key 5th CPU Digit V5		14
4010	SW Key 6th CPU Digit V5		15
4011	SW Key 7th CPU Digit V5		15
5839	CD-ROM IBM i V5R4		1
5840	V5R4M0 Machine Code - RS 540-G		1
5931	CD-ROM Media and Storage Extensions V5R4		1
5936	CD-ROM PSF/400 1-55 PPM V5R4		1
7030	Setup and Operations CD V5R4		1
A0AV	OTC Keyed SW Media		1
5722-SS1	i5/OS	68ACECI	1
664	BOTC M&S Ext		1
1499	OTC per Proc IBM i Charged with HW (520)		1
2001	ePoE Registration		1
2201	ePoE Registration - PSF 1-55		1
2924	English U/L SBCS Primary		1
5781	Canadian French SBCS Secondary Language		1
5829	CD-ROM IBM i V5R3		1

Table E6 – Configuration Server 2 (continued)			
Product	Description	Serial	Qty
5921	CD-ROM Media and Storage Extensions V5R3		1
5926	CD-ROM PSF/400 1-55 PPM V5R3		1
6001	IBM i per Proc Registration (Qty 1)		1
7020	Setup and Operations CD V5R3		1
5722-ST1	IBM DB2 Query Manager and SQL Development Kit for iSeries	68AIRDK	1
2010	P10 ePoE Registration		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V5		9
4002	SW Key 2nd MT Digit V5		4
4003	SW Key 3rd MT Digit V5		10
4004	SW Key 4th MT Digit V5		6
4005	SW Key 1st CPU Digit V5		1
4006	SW Key 2nd CPU Digit V5		10
4007	SW Key 3rd CPU Digit V5		15
4008	SW Key 4th CPU Digit V5		6
4009	SW Key 5th CPU Digit V5		14
4010	SW Key 6th CPU Digit V5		15
4011	SW Key 7th CPU Digit V5		15
5839	CD-ROM V5R4		1
5722-ST1	IBM DB2 Query Manager and SQL Development Kit for iSeries	68AB1CI	1
2010	P10 ePoE Registration		1
2924	English U/L SBCS Primary		1
5829	CD-ROM V5R3		1
5722-WE1	Web Enablement for iSeries	68AB3CI	1
1467	BOTC Web Enablement		1
2924	English U/L SBCS Primary		1
5829	CD-ROM Websphere Express V5.0/V5.1		1
5722-WE2	Web Enablement for i5/OS		1
2101	ePoE Registration - V6.0		1
2201	ePoE Registration - V6.1		1
2924	English U/L SBCS Primary		1
5902	Websphere Express V6.0 (CD-ROM)		1
5904	Websphere Express V6.1 (DVD)		1
5722-WE2	Web Enablement for i5/OS	68AITDK	1
2924	English U/L SBCS Primary		1
5904	Websphere Express V6.1 (DVD)		1
A0BC	BOTC Websphere Express V6.1		1
5722-WE2	Web Enablement for i5/OS	68AB9CI	1
1536	BOTC Websphere Express V6.0		1
2924	English U/L SBCS Primary		1
5902	Websphere Express V6.0 (CD-ROM)		1
5722-XW1	iSeries Access	68AIVDK	1

Table E6 – Configuration Server 2 (continued)			
Product	Description	Serial	Qty
2001	ePoE Registration - UB		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V5		9
4002	SW Key 2nd MT Digit V5		4
4003	SW Key 3rd MT Digit V5		10
4004	SW Key 4th MT Digit V5		6
4005	SW Key 1st CPU Digit V5		1
4006	SW Key 2nd CPU Digit V5		10
4007	SW Key 3rd CPU Digit V5		15
4008	SW Key 4th CPU Digit V5		6
4009	SW Key 5th CPU Digit V5		14
4010	SW Key 6th CPU Digit V5		15
4011	SW Key 7th CPU Digit V5		15
5739	CD-ROM User Based V5R4		1
5722-XW1	iSeries Access	68AB6CI	1
2001	ePoE Registration - UB		1
2924	English U/L SBCS Primary		1
5729	CD-ROM User Based V5R3		1
5733-DR1	Director with VE Console for i5/OS V5.10	68ABXDK	1
2935	Multilingual Language		1
5809	CD-ROM		1
A3KQ	BOTC Director for i5/OS		1
5733-NKY	Deactivate Software Key and ePoE		1
2924	English U/L SBCS Primary		1
4002	SW Key 2nd MT Digit V5		4
4003	SW Key 3rd MT Digit V5		10
4004	SW Key 4th MT Digit V5		6
4005	SW Key 1st CPU Digit V5		1
4006	SW Key 2nd CPU Digit V5		10
4007	SW Key 3rd CPU Digit V5		15
4008	SW Key 4th CPU Digit V5		6
4009	SW Key 5th CPU Digit V5		14
4010	SW Key 6th CPU Digit V5		15
4011	SW Key 7th CPU Digit V5		15
5809	5733-ITL Info Letter		1
A2LV	Client Access UB (57xx-XW1)		1
A2QK	SW Key 1st MT Digit V5		9
A2QM	Web Enablement for i5/OS (5722-WE2 V6.0)		1
A3LG	Web Enablement for i5/OS (5722-WE2 V6.1)		1
A3LH	XML Toolkit (5733-XT2)		1
A3LR	IBM Director for i5/OS v5.20 (5722-DR1)		1
5733-QU2	IBM Web Query for System i	68ACVBM	1

Table E6 – Configuration Server 2 (continued)			
Product	Description	Serial	Qty
2924	English U/L SBCS Primary		1
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		6
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		15
4008	SW Key 4th CPU Digit V6		6
4009	SW Key 5th CPU Digit V6		14
4010	SW Key 6th CPU Digit V6		15
4011	SW Key 7th CPU Digit V6		15
5849	Supply Web Query (V1.1.1)		1
6345	Web Query User Registration		4
A3PT	P10 Upg OTC Web Query (from 5769/22-QU1)		1
A4AB	SW Key 1st MT Digit V6		9
5733-SC1	Portable Utilities for i5/OS	68AAVCI	1
2924	English U/L SBCS Primary		1
4904	BOTC Portable Utilities		1
5809	CD-ROM		1
5733-SPO	IBM SW Maintenance for IBM i and Selected Products, 3-Year Extended Registration		1
2935	MultiLingual Language		1
5809	Supply		1
9000	SWMA Renewal Registration		1
A3MF	P05 Per Processor 3-Year Extended		1
5733-VE1	Virtualization Engine	68AA1CI	1
2924	English U/L SBCS Primary		1
4873	BOTC Director Multiplatform		1
5921	CD-ROM Director Multiplatform		1
5733-XT1	XML Toolkit for iSeries	68ABVDK	1
4714	BOTC XML Toolkit (Zero Priced)		1
5809	CD-ROM		1
5733-XT2	XML Toolkit for IBM System i5		1
2001	ePoE Registration		1
3450	Electronic SW Delivery (ESD)		1
3470	Do Not Ship Pubs		1
3471	Do Not Ship Media		1
5809	CD-ROM V1R1		1
5733-XT2	XML Toolkit for IBM System i5	68ABZDK	1
5809	CD-ROM V1R1		1
A3KT	BOTC XML Toolkit		1
5761-BR1	IBM Backup Recovery and Media Services for i5/OS	68AFSBM	1

Table E6 – Configuration Server 2 (continued)			
Product	Description	Serial	Qty
887	P10 OTC Upg BRMS (from 5722-BR1)		1
985	BOTC Upg Network feature (from 5722-BR1)		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		6
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		15
4008	SW Key 4th CPU Digit V6		6
4009	SW Key 5th CPU Digit V6		14
4010	SW Key 6th CPU Digit V6		15
4011	SW Key 7th CPU Digit V6		15
5819	Supply BRMS V6R1		1
5911	Supply Network feature V6R1		1
5761-NLV	National Languages and Backup Media for IBM i V6		1
5581	Canadian French Secondary Language		1
5761-NLV	National Languages and Backup Media for IBM i V6	68AFNBM	1
492	OTC Secondary Language Media		1
5581	Canadian French Secondary Language		1
5761-PT1	IBM Performance Tools for i5/OS	68AFTBM	1
1075	P10 OTC Upg Perf Tools (from 5722-PT1)		1
1181	P10 OTC Upg Manager feature (from 5722-PT1)		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		6
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		15
4008	SW Key 4th CPU Digit V6		6
4009	SW Key 5th CPU Digit V6		14
4010	SW Key 6th CPU Digit V6		15
4011	SW Key 7th CPU Digit V6		15
5819	Supply Performance Tools V6R1		1
5911	Supply Manager feature V6R1		1
5761-QU1	IBM Query for i5/OS	68AFUBM	1
578	P10 OTC		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V6		9

Table E6 – Configuration Server 2 (continued)		Serial	Qty
Product	Description	Serial	Qty
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		6
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		15
4008	SW Key 4th CPU Digit V6		6
4009	SW Key 5th CPU Digit V6		14
4010	SW Key 6th CPU Digit V6		15
4011	SW Key 7th CPU Digit V6		15
5819	Supply V6R1		1
5761-SS1	IBM i V6		1
2001	ePoE Registration		1
2014	IBM i per Core Registration (E4B/E4C)		1
2924	English U/L SBCS Primary		1
5819	Supply IBM i V6R1		1
5861	V6R1M1 Machine Code - RS 611-E (10/14/2011)		1
6001	IBM i per Proc Registration (Qty 1)		1
6106	IBM i per User Registration (Qty 30)		1
6287	IBM i Access 7.1 (XE1 and XH2)		1
7010	Setup and Operation CD V6R1		1
5761-SS1	IBM i V6		1
1348	OTC Keyed SW Media		1
5761-SS1	IBM i V6	68AFPBM	1
752	BOTC Upg PSF 1-55 PPM (from 5722-SS1)		1
1306	BOTC Upg MSE (from 5722-SS1)		1
1348	OTC Keyed SW Media		1
2001	ePoE Registration		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		6
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		15
4008	SW Key 4th CPU Digit V6		6
4009	SW Key 5th CPU Digit V6		14
4010	Sw Key 6th CPU Digit V6		15
4011	SW Key 7th CPU Digit V6		15
5819	Supply IBM i V6R1		1
5860	V6R1M0 Machine Code - RS 610-G (10/23/2009)		1

Table E6 – Configuration Server 2 (continued)			
Product	Description	Serial	Qty
5911	Supply Media & Storage Extension V6R1		1
5916	Supply PSF 1-55 PPM V6R1		1
6001	IBM i per Proc Registration (Qty 1)		1
7010	Setup and Operation CD V6R1		1
5761-SSA	IBM i per Processor License Billing		1
2028	OTC per Proc w/ 90-Day SWMA (E4x 4-Core)		1
5761-SSC	IBM i per User Billing		1
2037	OTC per 5 Users (E4x 4-Core)		5
2038	OTC per 5 Users Charged with HW (E4x 4-Core)		1
5761-ST1	IBM DB2 Query Manager and SQL Dev Kit for i5/OS	68AFVBM	1
880	P10 OTC Upg (from 5722-ST1)		1
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		6
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		15
4008	SW Key 4th CPU Digit V6		6
4009	SW Key 5th CPU Digit V6		14
4010	SW Key 6th CPU Digit V6		15
4011	SW Key 7th CPU Digit V6		15
5819	Supply V6R1		1
5761-XW1	System i Access Family		1
1419	P05 OTC Charged with HW		1
2001	ePoE Registration		1
2924	English U/L SBCS Primary		1
5719	Supply User Based V6R1		1
5819	Supply Processor Based V6R1		1
6345	User License Registration		2
5761-XW1	System i Access Family	68AFXBM	1
1382	OTC Upg per User (from 5722-XW1)		2
2924	English U/L SBCS Primary		1
4001	SW Key 1st MT Digit V6		9
4002	SW Key 2nd MT Digit V6		4
4003	SW Key 3rd MT Digit V6		10
4004	SW Key 4th MT Digit V6		6
4005	SW Key 1st CPU Digit V6		1
4006	SW Key 2nd CPU Digit V6		10
4007	SW Key 3rd CPU Digit V6		15
4008	SW Key 4th CPU Digit V6		6

Table E6 – Configuration Server 2 (continued)			
Product	Description	Serial	Qty
4009	SW Key 5th CPU Digit V6		14
4010	SW Key 6th CPU Digit V6		15
4011	SW Key 7th CPU Digit V6		15
5719	Supply User Based V6R1		1

E2.7   SOFTWARE TO BE INSTALLED

Configuration Table E: 7 contains the list of new software products that shall be licensed on the target System 8202-E4B server configuration.

Table E 7 – Configuration Server 2		
Product	Description	Qty
5733-NKY	Deactivate Software Key and ePoE	1
2924	English U/L SBCS Primary	1
4002	SW Key 2nd MT Digit V5	4
4003	SW Key 3rd MT Digit V5	10
4004	SW Key 4th MT Digit V5	6
4005	SW Key 1st CPU Digit V5	1
4006	SW Key 2nd CPU Digit V5	10
4007	SW Key 3rd CPU Digit V5	15
4008	SW Key 4th CPU Digit V5	6
4009	SW Key 5th CPU Digit V5	14
4010	SW Key 6th CPU Digit V5	15
4011	SW Key 7th CPU Digit V5	15
5809	5733-ITL Info Letter	1
A2LV	Client Access UB (57xx-XW1)	1
A2QK	SW Key 1st MT Digit V5	9
A2QM	Web Enablement for i5/OS (5722-WE2 V6.0)	1
A3LG	Web Enablement for i5/OS (5722-WE2 V6.1)	1
A3LH	XML Toolkit (5733-XT2)	1
A3LR	IBM Director for i5/OS v5.20 (5722-DR1)	1
5733-SPO	IBM SW Maintenance for IBM i and Selected Products, 3-Year Extended Registration	1
2935	MultiLingual Language	1
5809	Supply	1
9000	SWMA Renewal Registration	1
A3MF	P05 Per Processor 3-Year Extended	1
5733-XT2	XML Toolkit for IBM System i5	1
2001	ePoE Registration	1
3450	Electronic SW Delivery (ESD)	1
3470	Do Not Ship Pubs	1
3471	Do Not Ship Media	1
5809	CD-ROM V1R1	1
5761-NLV	National Languages and Backup Media for IBM i V6	1
5581	Canadian French Secondary Language	1
5761-SS1	IBM i V6	1

Table E 7 – Configuration Server 2 (continued)		
Product	Description	Qty
2001	ePoE Registration	1
2014	IBM i per Core Registration (E4B/E4C)	1
2924	English U/L SBCS Primary	1
5819	Supply IBM i V6R1	1
5861	V6R1M1 Machine Code - RS 611-E (10/14/2011)	1
6001	IBM i per Proc Registration (Qty 1)	1
6106	IBM i per User Registration (Qty 30	1
6287	IBM i Access 7.1 (XE1 and XH2)	1
7010	Setup and Operation CD V6R1	1
5761-SS1	IBM i V6	1
1348	OTC Keyed SW Media	1
5761-SSA	IBM i per Processor License Billing	1
2028	OTC per Proc w/ 90-Day SWMA (E4x 4-Core)	1
5761-SSC	IBM i per User Billing	1
2037	OTC per 5 Users (E4x 4-Core)	5
2038	OTC per 5 Users Charged with HW (E4x 4-Core)	1
5761-XW1	System i Access Family	1
1419	P05 OTC Charged with HW	1
2001	ePoE Registration	1
2924	English U/L SBCS Primary	1
5719	Supply User Based V6R1	1
5819	Supply Processor Based V6R1	1
6345	User License Registration	2