Corrigendum to the E-Tender "Implementation and O & M Services for e-Migrate v2 project"

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Please refer to the RFP Document available on CPP Portal https://eprocure.gov.in and on this Ministry's website at link https://mea.gov.in/Portal/Tender/4941_1/1_NOTICEINVITINGTENDER__2_-1.pdf

An online pre-bid meeting for interested stakeholders was held on Monday 9th May 2022. Prospective bidders asked many queries regarding the RFP during the pre-bid meeting and also sought clarifications by sending queries by email.

The Ministry, in consultation with its finance and legal department and other stakeholders, have prepared suitable response to these queries and have also made suitable amendments to related clauses of the original RFP document. The response of the Ministry to the pre-bid queries is enclosed as Appendix A and details of corresponding amendments to related clauses of the original RFP are given below for information of all stakeholders. The last date of submission of the bids on CPP Portal is extended to 22nd August 2022 till 3 PM IST. The Bid opening shall be on 23.08.2022 at 3 pm.

1. The Clause 3.2 of RFP Vol 1 is revised to –

3.2 Project Timelines

The SP shall be required to take both sets of activities mentioned above, in parallel from the start of the project as per the timelines given below -

#	Milestone	Time for completion
Study of existing eMigrate system by Service Provider		
(i)	Study of documentation, Application Architecture, processes and SOPs of existing eMigrate system	T + 4 weeks
Design, development and testing of new core Application		
(ii)	Requirement Gathering Phase- Submission of SRS document*	T + 4 weeks
(iii)	Approval of SRS Document by OE & PGE Division	T + 6 Weeks
(iv)	Submission of Software Design Document (SDD)*	T + 10 weeks
(v)	Completion of New core application software development, unit & integration testing and offer for UAT by MEA*	T + 26 weeks
(vi)	Completion of User Acceptance Testing (UAT)/ Functional Testing by MEA	T + 28 weeks
(vii)	Corrections, compliance to users' inputs w.r.t. UAT by SP*	T + 30 weeks
(viii)	Offer the Application for Audit, acceptance, Testing and certification for 3rd Party Audit Agency*	T + 30 weeks
(ix)	The completion of Audit, acceptance, Testing and certification by 3rd Party Audit Agency shall be T+36 week	T + 36 weeks
(x)	Corrections, compliance to observations of 3PAA	T + 38 weeks
(xi)	Roll out of new core application*	T + 39 weeks
(xii)	Declaration of Go-Live by Division (L)	T + 40 weeks
Migration of legacy data		
(xiii)	Submission of data migration plan	T + 6 weeks

#	Milestone	Time for completion
(xiv)	Migration of legacy data*	T + 26 weeks
(xv)	Testing/evaluation of migrated data	T + 28 weeks
Supply, installation, configuration and commissioning of server-side & other hardware		
(xvi)	Procurement of server-side and other hardware (and associated software).	T + 20 weeks
(xvii)	Installation, configuration and commissioning of the hardware and readying DC and DR site.	T + 26 weeks
Commissioning of Network Connectivity		
(xviii)	Configuration and commissioning of network connectivity*	T + 26 weeks
Implementation of change management initiatives		
(xix)	Completion of Stakeholder Training	T + 40 weeks
(xx)	Development of training material (CBTs, workshop presentations)	T + 40 weeks
Operation and Maintenance period		
(xxi)	Overall eMigrate system operations & maintenance (both eMigrate v2 core application and related IT Infrastructure)	L + 5 years

Note:

(i) MEA shall have the right to levy penalty on SP of Rs. 1 lakh per week of delay attributable to SP (or CSP), in the milestones marked with (*) in the above table.

(ii) Delay and its magnitude shall be assessed by MEA and conveyed to SP for necessary action.

(iii) Delay in two or more milestones which do not have a direct consequential relationship shall be treated separately.

(iv) SP may endure to complete the project before the stipulated time. In the event of Go-Live declared before the stipulated timeline, payments shall start accordingly.

(v) T is date of signing of the agreement with Service Provider

2. The Clause 3.6 of RFP Vol 1 is revised as –

3.6 Hosting of eMigrate v2 core Application Software

Service Provider (SP) shall be responsible for hosting the eMigrate V2.0 Application and the related IT Infrastructure on dedicated Virtual Machines (VM), compute resources with dedicated instances and required QOS at a MeitY empanelled Government Community Cloud (GCC) site both for Data Center and Disaster Recovery Center complying with UPTIME-Tier-3/TIA-942-Rated-3 and above norms/guidelines. The cyber security framework and related infrastructure should comply to the guidelines issued by National Critical Information Infrastructure Protection Center (NCIIPC), website - nciipc.gov.in, from time to time.

3. The Clause 3.7 of RFP Vol 1 is revised as –

3.7 Procurement/ Arrangement, Installation, Configuration & Commissioning of Server side Hardware and Software

SP shall supply/ arrange for all necessary hardware (servers, load balancers, storage systems etc.) and related software for Data Center and Disaster Recovery Center/ solution and shall be responsible for commissioning/ configuring the hardware and make it ready to host the eMigrate v2 Application. The setup shall also include the preproduction, staging and development environment. Bidders shall need to perform an independent and thorough assessment of the infrastructure requirements for the project and provide a detailed BOM, as part of their proposal, which shall fulfil the SLA requirements specified in RFP. A 3rd party audit agency appointed by the division shall review the conformity of the requirements and specifications provided in the RFP and/or as proposed in the proposal submitted by the SP. All the Hardware and Software proposed to be utilised for the project shall be valid for the usage by the MEA for the entire duration of the project. SP on completion of the project term, shall extend necessary and requisite support for seamless migration of the eMigrate v2 application and related database, to any other setup as may be undertaken by the MEA, through the agency replacing the SP.

4. The Clause 3.10 of RFP Vol 1 stands withdrawn.

5. The Clause 5.4.8 of RFP Vol 1 stands withdrawn.

6. The Clause 5.4.10 of RFP Vol 1 stands withdrawn.

7. The Clause 7.4.2.8 (iv) and (v) of RFP Vol 1 stands deleted.

8. The SLM 3 under clause 10 of RFP Vol 1 is revised to -

#	Metric	Expected Service level	Lower Service Level	Breach	Measurement Frequency
SLM3	Average turnaround and page loading (this includes homepage) time for transactions on eMigrate application	<= 2 seconds core = 10%	<= 3 seconds Score = 6%	>3	Fortnightly
Measu-rement Method	(i) Automated tool will be adopted for measurement of this metric. It will be tested using test transactions (with a ping interval of 5 minutes) per hour (alternatively on Internet and Intranet). (ii) Measured over a leased circuit or equivalent of 512 Kbps For 70 KB page size. (iii) Measured as the elapsed time between the action link/button being clicked and its response page appearing completely (iv) Test data to be identified distinctly and path taken by test data to be like real transaction (v) DNS servers should simulate access by end user and not answered locally (vi) Cache to be cleared before every transaction used for measurement				

	(vii) Average must be achieved with more than 90% of the transactions being within 2 seconds and 9% of the transactions being within 2 & 4 seconds range

9. The Clause 2.8 of RFP Vol 2 is revised to -

2.2 List of Documents in this Tender

The Tender document consists of three volumes of the Request for Proposal.

(i) RFP Volume 1: Functional, Technical, and Operational Requirements

(ii) RFP Volume 2: Commercial and Bidding Terms

(iii) RFP Volume 3: Contractual and Legal Specifications.

The bidders are expected to examine all instructions, forms, terms, project Version 2.0 requirements and other information in the RFP documents. Failure to furnish all information required by the RFP documents or submission of a proposal not substantially responsive to the RFP documents in every respect will be at the Bidder's risk and may result in rejection of its proposal.

10. The Clause 2.8 of RFP Vol 2 is revised to -

2.8 Bid Security

(i) Bidders shall submit, along with their Bids, a Bid security or EMD of Rs. 1,00,00,000 (Rupees one crore only), in the form of a Bank Guarantee issued by a nationalised or commercial bank in favor of 'The Pay & Accounts Officer, Ministry of External Affairs' payable at New Delhi/Delhi and valid for ten months and half, from the last date of bid submission as notified by MEA. Bid security in any other form will not be entertained.

(ii) The bid security of all unsuccessful bidders would be returned by MEA within 30 days of a bidder being notified by MEA as being successful. The bid security of successful bidder would be returned upon submission of the requisite Performance Bank Guarantee. The Bank Guarantee for Bid Security will be made in a format similar to that specified for PBG with suitable modification as applicable. In case of a bidder being unsuccessful after pre- qualification/ Technical evaluation, the bid security shall be returned to such bidders within 30 days of the declaration of the result of pre- qualification/ Technical evaluation.

(iii) Bidders are also required to submit the bid security in original prior to the opening of the Pre qualification bid. Bids submitted without the prescribed bid security will be liable for rejection without providing any opportunity to the bidder concerned.

11. The Clause 2.9 of RFP Vol 2 is revised as below –

2.9. Consortium

Consortium: A group of companies are allowed to come together and bid for this project as a consortium. However, the following should be noted with respect to consortium bids:

(i) The no. of consortium members cannot exceed two, including the Lead Member.

(ii) The sole responsibility of the project would be that of the Lead Member only.

(iii) Only Lead Member will submit the bids however both the consortium partners shall sign the contract agreement with MEA, in case of a consortium comes out to be the successful bidder.

(iv) MEA shall only deal with the Lead Member of consortiums for all the purposes.

(v) Notwithstanding anything contained in this RFP/ agreement, all the members of the consortium, entrusted with the responsibilities of this Project shall be jointly and severally responsible to MEA in respect of meeting the financial liabilities of the Service Provider coming out of the Project

(vi) The technical proposal shall contain the details of arrangements between the Lead Member and the other member of the consortium.

(vii) In case of Consortium bidder seeking the exemption from submission of the bid security amount, the Lead Member should submit the Bid security Declaration in the format given at Format A of this corrigendum along with the supporting document in the name of Lead Member for establishing the eligibility for the exemption. In case, at the time of evaluation of bid for pre-qualification criteria, the supporting documents are not found to be adequate for granting the exemption from bid security, the bid submitted by such Prime bidder shall be summarily rejected.

(viii) A firm shall submit only one proposal, either individually or as a consortium partner in another proposal. If a firm, including a consortium partner, submits or participates in more than one proposal, all such proposals shall be disqualified.

12. The Clause 2.10 of RFP Volume 2 is revised to –

2.10   Venue & Deadline for submission of proposals

(i) Proposals shall be submitted at CPP Portal under the digital signature of authorized signatory of the bidder (Lead Member in case of consortium). A hardcopy/ printout of the bid document only comprising of Pre qualification Proposal and Technical Proposal (must be excluding the Financial Bid) should also be ideally submitted by the bidders, along with the Bid security on or before the last date of the submission of the bid. However, it is to be noted that the hard copy of the bid document is sought for reference purpose only. For evaluation purpose, only the bid received through CPPP portal shall be considered. In case any bidder does not wish to submit the hard copy of the bid, he may still be required to submit the bid security in original prior to the opening of the Pre qualification/ Technical bid.

(ii) Last Date & Time of submission: Proposals must be submitted as per the timelines specified in Section 2.3 or subsequent changes published (if any).

(iii)   The MEA may, under exceptional circumstances and at its sole discretion, extend the deadline for submission of proposals by issuing a notice to all bidders through MEA website, CPP Portal.

13. The Clause 2.13 of RFP Volume 2 is revised to –

2.13 General Guidelines for bid opening

(i) The proposal submitted by the Bidders shall consists of the following -
    (a) Pre-qualification Proposal
    (b) Technical Proposal
    (c) Commercial Proposal
(ii) First, the Pre-qualification and Technical Proposal shall be opened together as per the CPP portal.
(iii) The technical proposals of only those bidders who qualify in the evaluation of pre-qualification proposals will be evaluated.
(iv) The commercial proposals of only those bidders who qualify in the evaluation of technical proposals will be opened on CPP Portal.
(v) Bids will be opened in presence of bidders' representatives, if they wish to participate, Upto 2 representatives of each Bidder can participate in each of the bid opening sessions by submitting prior intimation to MEA on email usoe3@mea.gov.in and sooe3@mea.gov.in along with the name, designation, email id and mobile number of the representatives.

14. The Clause 3.3 of RFP Volume 2 is revised to –

3.3. Terms of payment for SP

The project shall follow a government-financed model wherein SP will be required to finance all the expenses, capital and operational, related to their scope of work in this project. MEA shall pay them back all the above expenditure subject to certain terms and conditions described below:

i) The entire cost of design, development, implementation, operation and maintenance of the eMigrate project shall be borne by the SP.
ii) SP would be paid by MEA for the above expenditure as per the rates and amounts quoted by the SP in their commercial proposal and accepted by the MEA.
iii) 25% of Capex for eMigrate Solution shall be paid by MEA on completion of milestone (v) i.e., 'Completion of New core application software development, unit & integration testing and offer for UAT by MEA' and 35% of Capex on successful completion of milestone (xii) Declaration of Go-Live by Division.
iv) The remaining 40 % of Capex amount shall be paid equally along with the 20 EQI.
v) Opex cost shall be paid quarterly in equal installments in 20 EQI's subject to the adherence to the SLA.
vi) Opex Payment will be subject to adherence to SLA signed between MEA and SP and subject to SLA Credit/Debit points calculated by the team designated by MEA for every quarter as per the agreed methods, process and tools.

vii)   Payment shall be subject to penalty adjustments if any, revealed during the SLA credit/debit calculations or otherwise

viii) Cost of third-party audits, if any, shall be borne by MEA.

15. The Clause 3.4 of RFP Volume 2 is revised to –

3.4 Future Arrangement

"Beyond the 5 years of the O& M period, the MEA will find and appoint a replacement SP. Prior to selection of the replacement SP, MEA would carry out a replacement requirement assessment. The replacement requirement assessment will enable MEA to identify modification needed in assets, SLA, role and responsibility of SP, and other aspects of operational and financial arrangement in the eMigrate ecosystem. MEA, if it desires so, may extend the term of the incumbent SP as per clauses defined for extension."

16. The Clause 4.1 of RFP Volume 2 is revised to –

4.1 RFP Format
  (i)   This RFP includes specific requirements about bidder's proposed solution, technical specifications and capabilities, development, implementation, operations and management approaches and strategy, to facilitate MEA in determining bidder's suitability as the Service Provider. The bidder is expected to respond to the requirements as completely and in as much detail as possible and focus on demonstrating the bidder's suitability to become the Service Provider for the requirements outlined in this RFP.
  (ii) As should be clear from the statement of the vision and scope of this project, MEA seeks a specific proposal responsive to this RFP in every respect and detail, rather than a mere compilation of materials and promotional information used in other transactions. The MEA will be appreciative of the quality and responsiveness of the proposal.
  (iii)   The bidder must submit the 'Pre-qualification Proposal', 'Technical Proposal' and 'Commercial Proposal', as per the folder options provided on CPP portal. The Commercial Proposal must not be uploaded with any other part of the proposal in any form/ manner otherwise the bid submitted by the bidder may be rejected.

17. The Clause 4.2 of RFP Volume 2 is deleted.

18. The Clause 4.3 of RFP Volume 2 is revised to –

4.3 Prequalification Criteria and Pre- qualification Proposal

(i) Bidder shall be required to comply with the requirements of Office Memorandum issued by Department of Expenditure – Public Procure Division, dated 23.07.2020 with subject Insertion of Rule 144 (xi) in General Financial Rule (GFRs) 2017 and other subsequent instructions issued in this connection. The bidders shall be required to provide a declaration to this effect in their Prequalification proposal.

(ii) The bidder (all members in case of consortium) must be registered under appropriate authorities i.e. Ministry of Corporate Affairs/ Registrars of Society/ Firms, GST/Income tax etc; The bidders shall be required to provide certificates issued by such authorities in their Prequalification proposal.

(iii) The bidder (all members in case of consortium) must have been in operation for at least five years, as on 31st March 2022 as evidenced by the registration certificate issued by concerned authorities mentioned in sub clause (ii) above.

(iv) Average Annual financial turnover of bidder for related services during the last three years, ending 31st March 2022, should be at least Rs. 100 crores. In case of consortium, the Lead Member should meet at least 75% of the total financial turnover requirements as mentioned, for related services. The other member should meet at least 50% of the total financial turnover requirements as mentioned, for related services.

(v) The related services for this purpose shall be considered implementation and O & M of those projects for Reputed Organisations, where bidder have supplied or maintained the bespoke/ customised/ COTS application software with supporting IT Infrastructure or supplied or maintained bespoke/ customised/ COTS application software over owned/ third party cloud setup. The bidders (all members in case of consortium) shall be required to provide certificates issued by Authorised Signatory of bidder's organisation (of Lead Member in case of consortium). In addition to that, the relevant extract of Balance sheet or the certificates issued by the Auditor shall be submitted by the bidder for overall annual turnovers for last three years.

(vi) Revenue towards providing project management, manpower services, front/ back-office processing, Digitization, call center solution and service shall only be considered for the purpose if they are the part of overall project where the bidders have provided related services mentioned in sub clause (vi) above.

(vii) The bidder (cumulatively for all members, in case of consortium) should have 50 crore net worth in last three financial years, ending 31st March 2022. In case of consortium, the Lead Member should meet at least 75% of the total net worth requirement. The other member should meet at least 50% of the total net worth requirement.

(viii) No member of consortium should have incurred losses in last 3 financial years.

(ix) The bidder must have successfully executed/completed/ Implemented at least two completed projects of related services (as per sub para (v) and (vi) above) (cumulatively by all members in case of consortium) worth not less than Rs. 25 crores for each project, during the last five years i.e. the current financial year

(i.e. FY 2022-23) and the last five financial years (i.e. commencing or completing in FY 2016-17 onwards).

(x) Bidders shall submit the Bid covering letter as given in Annexure 1 of RFP Vol 2, with the required signatures and other details as mentioned thereon, as part of the Pre-qualification proposal.

19. The Clause 4.4 (vi) (b) and (d) of RFP Volume 2 stands deleted.

20. The Clause 4.7 Volume 2 stands deleted.

21. The Clause 4.8 (a) Volume 2 is revised to -

4.8 Period of Validity of Proposals

(i) The proposals shall be valid for a period of 09 months (nine months) from the date of submission of the proposal by the bidder. A proposal valid for a shorter period may be rejected as non-responsive. On completion of the validity period, unless the bidder withdraws his proposal in writing, it will be deemed to be valid until such time that the bidder formally (in writing) withdraws his proposal.

(ii) In exceptional circumstances, at its discretion, MEA may solicit the bidder's consent for an extension of the validity period. The request and the responses thereto shall be made in writing.

22. The Clause 4.13 of RFP Vol 2 is revised to –

4.13 Prices

i) The bidder shall quote the price as per specified format, fixed for the entire project on a single responsibility basis. The quoted prices shall be inclusive of all other taxes or duties except GST. For GST, the BOQ format on CPP portal has the provision for quoting the GST amount, as may be applicable. In case of any services /components not procured from the Service Provider for any reasons, payments shall not be made to the Service Provider for those services/components. No adjustment of the contract price shall be made on account of any variations in costs of labor and materials or any other cost component affecting the total cost in fulfilling the obligations under the contract. The Contract price shall be the only payment, payable by MEA to the successful bidder for completion of the contractual obligations by the successful bidder under the Contract, subject to the terms of payment specified in the contract.

ii) Deleted

iii) Any increase in GST will make SP eligible for the payouts for the amount increased due to the increase in tax.

iv) Any decrease in GST shall entail SP to refund /deduct such decrease in the invoice/subsequent billing cycle.

23. The Clause 4.19 (i) of RFP Vol 2 is revised to -

The RFP does not commit the MEA to enter into a service agreement or similar undertaking with the bidder or any other organization and the MEA shall have the right to reject or accept any proposal or offer, or any part thereof (e.g., any component of any proposed solution) for any reason whatsoever. The MEA reserves the right to choose not to proceed with any bidder with respect to one or more categories of services/requirements outlined in this RFP; and can choose to suspend the project or to issue a new RFP for this project that would supersede and replace this one.

24. The Scoring criteria given in Clause 5.6 (vii) of RFP Vol 2 is revised and may be seen at Appendix 1.

25. The Clause 6.6 (vii) of RFP Vol 2 is revised to -

"During the comprehensive warranty period, the successful bidder will provide all product(s) and documentation updates, patches/ fixes, and version upgrades within 15 days of their availability or such extended time agreed by MEA and should carry out installation and make operational the same at no additional cost to MEA."

26. Annexure 2 and Annexure 3 of Vol 2 are deleted.

27. The Clause 1.1 a (ix) under Article 1 Definitions and Interpretations of RFP Vol 3 is revised to -

Performance Guarantee" and "Performance Bank Guarantee" shall mean the guarantee provided by a Nationalized or Commercial Bank to MEA on behalf of the Service Provider as per the requirements specified in this volume and further detailed in Section 6.5 of Vol. II of this RFP.

28. The Clause 1.1 a (vi) under Article 1 Definitions and Interpretations of RFP Vol 3 is revised to -

Deliverables" means the products, infrastructure and services agreed to be delivered and created specifically for MEA by the Service Provider in pursuance of the scope of work and set of deliverables and project timelines listed in Section 3 of the Volume 1 of the RFP and includes all documents related to the solution, user manual, technical manual, design, process and operating manuals, standard operating procedures, policies and guidelines and source code (only for bespoke development) and all versions of these; In-case of any proprietary components where IPR are held with OEM, the licenses of such components is to be with MEA for the use of products for the entire duration of the project.

29. The Clause 1.1 a (vi) under Article I Definitions and Interpretations of RFP Vol 3 is revised to –

"Intellectual Property rights" means and includes all rights in the eMigrate Application Software, its improvements, upgrades, enhancements, modified versions that may be made from time to time, database generated, compilations made, source code (for bespoke development) and object code of the software, the said rights including designs, copyrights, trademarks, patents, trade secrets, moral and other rights therein;"

30. The Clause 6.3 under Article VI Protections and Limitations of RFP Vol 3 is revised to –

6.3 Limitation of Liability

a. Notwithstanding what has been stated elsewhere in this Agreement, there shall be liability upto the total value of the contract in case of any damages for bodily injury, death or damage to tangible personal property and willful fraud.

b. In all other cases not covered by Clause 6.3a above, the total financial liability of the Service Provider shall be limited to the 50 % of the total value of the contract i.e., 50 % of the Total eMigrate Solution Cost (TC) quoted by the SP in its commercial proposal to MEA in response to the RFP.

c. Neither this Agreement nor the SLA grants or creates any rights, benefits, claims, obligations or causes of action in, to or on behalf of any person or entity (including any third party) other than between the respective Parties to this Agreement or the SLA, as the case may be.

d. Any claim or series of claims arising out or in connection with this Agreement or the SLA shall be time barred and invalid if legal proceedings are not commenced by the relevant Party against the other Party within such period as may be permitted by applicable law without the possibility of contractual waiver or limitation.

e. The Project Director, MEA shall be entitled to claim the remedy of specific performance under this Agreement or the SLA.

31. The Clause 8.1 (e) under Article VIII Confidentiality of RFP Vol 3 is revised to –

"The provisions of this Article shall survive for a period of 3 years post the expiration or termination of this Agreement.

32. The Clause 2.2 (b) under Schedule II Exit Management schedule, of RFP Vol 3 is revised to –

(b) In case of contract being terminated by MEA or by SP, MEA reserves the right to ask SP to continue running the project operation for a period of 6 months after

termination notice is issued. For this period, the SP would be paid as per the provisions of the RFP.

33. The Clause (b) of SCHEDULE V - INVOICING AND SETTLEMENT SCHEDULE of RFP Vol 3 is revised to -

Invoices shall be accurate and all adjustments to or changes in the terms of payment as stated in the Terms of Payment Schedule shall be applied to the next payment invoice.

34. The Clause (f) of SCHEDULE V - INVOICING AND SETTLEMENT SCHEDULE of RFP Vol 3 is revised to -

"If any amount is due and payable by the SP to the MEA/ Government, the same shall be recoverable as to avenues legally available under this agreement."

35. The Clause SCHEDULE VI - TERMS OF PAYMENT SCHEDULE of RFP Vol 3 is revised to -

The project shall follow a government-financed model wherein SP will be required to finance all the expenses, capital and operational, related to their scope of work in this project. MEA shall pay them back all the above expenditure subject to certain terms and conditions described below:

   i)   The entire cost of design, development, implementation, operation and maintenance of the eMigrate project shall be borne by the SP.
   ii)   SP would be paid by MEA for the above expenditure as per the rates and amounts quoted by the SP in their commercial proposal and accepted by the MEA.
   iii) 25% of Capex for eMigrate Solution shall be paid by MEA on completion of milestone (v) i.e., 'Completion of New core application software development, unit & integration testing and offer for UAT by MEA' and 35% of Capex on successful completion of milestone (xii) Declaration of Go-Live by Division.
   iv)   The remaining 40 % of Capex amount shall be paid equally along with the 20 EQI.
   v)   Opex cost shall be paid quarterly in equal installments in 20 EQI's subject to the adherence to the SLA.
   vi)   Opex Payment will be subject to adherence to SLA signed between MEA and SP and subject to SLA Credit/Debit points calculated by the team designated by MEA for every quarter as per the agreed methods, process and tools.
   vii) Payment shall be subject to penalty adjustments if any, revealed during the SLA credit/debit calculations or otherwise
   viii) Cost of third-party audits, if any, shall be borne by MEA.

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New Delhi

__/06/2022

<div align="right">**Appendix 1**</div>

	SCORING		
S. No	**Parameter**	**Maximum**	**Sub Score**
	Total	**100**	
1	**Financial Ability** (cumulative ability of all members in case of consortium)	**3**	
	Qualifying Criteria - 100 Crore for bidder (cumulatively for all members in case of consortium) in each of the past 3 FY (2018-19, 2019-20, 2020-21).		
	Turnover >= 200 Crore		3
	Turnover >= 100 Crore but <200 crore		2
	[Supported by relevant extracts of Balance Sheets]. Bidders having records ready till FY 2021-22, can choose to submit the details for FYs 2019-20, 2020-21 and 2021-22.		
2	**Net Profit (as % of Turnover) of the bidder** (lead member in case of consortium) in each of the past 3 FY (2018-19, 2019-20, 2020-21	**2**	
	Net Profit >=10%		2
	Net Profit (positive) but<10%		1
	[Supported by relevant extracts of the Balance Sheet]. Bidders having records ready till FY 2021-22, can choose to submit the details for FYs 2019-20, 2020-21 and 2021-22.		
3	**Past Experience in e-Governance Project in related services** (cumulative experience of all members in case of consortium) (in previous 10 years i.e starting from FY 2012-13 as per the definition of the related project given in revised clause 4.3 of RFP Vol 2).	**3**	
	More than 3 completed e-Governance Project of worth minimum Rs. 25 Crores for each project		3
	3 completed e-Governance Project of worth minimum Rs. 25 Crores for each project		2
	2 completed e-Governance Project of worth minimum Rs. 25 Crores for each project		1

		Note: The bidder must submit a completion certificate; work order and progress report progress report issued by clients to substantiate the information provided. E-Governance project shall be those of related services for Government Departments, PSU, Nationalized Banks, Bodies promoted by Government. Within the criteria, one project shall be counted once for awarding the marks.		
4		**Past Experience in IT Project of related services** (cumulative experience of all members in case of consortium) in previous 10 years i.e. starting from FY 2012-13 as per the definition of the related services given in revised clause 4.3 of RFP Vol 2.	3	
		More than 2 completed IT projects of worth minimum Rs. 25 Crores for each project		3
		2 completed IT projects of worth minimum Rs. 25 Crores for each project		2
		Note: The bidder (both the members in case of consortium) must submit completion certificate, work order, progress report issued by clients etc. to substantiate the information provided. IT project shall be those of related services for projects not quoted above in parameter 3. Projects mentioned above in criteria 3, shall not be considered for award of marks for this criterion. Within the criteria, one project shall be counted once for awarding the marks.		
5		**Manpower Strength [IT PROFESSIONALS]** (cumulative strength in case of consortium) on payroll of bidders	4	
		More than or equal to 5,000		4
		More than or equal to 2000 but less than 5,000 IT Professionals		3
		More than or equal to 1000 but less than 2,000 IT Professionals		2
		More than or equal to 500 but less than 1,000 IT Professionals		1
		Note: The bidder (lead member in case of consortium) must certify on this account from the Company Secretary Or authorized signatory		
6		**Solution Design, implementation approach and technical presentation**	55	
		Proposed application solution: a) business architecture b) application architecture c) technical architecture d) deployment architecture e) technologies proposed f) automation tools proposed		4
		Testing Approach & Methodology		2

	Approach on Quality Assurance & Methodology			2
	IT - Infrastructure & Solution thereon a) solution approach b) solution components c) technologies proposed d) sizing methodology e) scalability provision f) performance provision g) availability provision h) interoperability provision i) manageability provision j) deployment architecture k) Modularity & agility of Solution			10
	Computing Infrastructure at DC and DR			2
	Storage Management			2
	Network Architecture			2
	Security Architecture			2
	EMS Solution Plan & Implementation Strategy			2
	Emailing & Messaging Solution			2
	SLA Measurement & Monitoring Methodology			2
	Business Continuity Plan Proposed			3
	Application Maintenance during O&M			3
	Bill of Material (End-to-End) for the complete solution			2
	Project Management Plan (a) Implementation Strategy (b) Project Plan (c) Project Management Approach (d) Project Governance (e) Project Management Tools (f) Project Documentation			5
	Operation & maintenance approach a) IT Services management b) DC and DR operation c) WAN operation d) Application Management			6
	Asset Management			2
	Risk Management &Mitigation Profess (a) Assessment of Risks (b) Monitoring of risks (c) Strategy to mitigate risk & plan			2
7	**Project Implementation Plan**		**17**	
	The proposed plan must constitute but not be limited to the following points:			2

	• Timeline for procurement & establishment of infrastructure (IT & Non-IT)		
	• Timeline for deployment of overall solution & readiness for service delivery		
	Manpower Deployment Process: Number of Members exclusively deployed for this project		5
	Experience of this manpower, their qualification,		5
	Certification & strength of this manpower relevant to this project		5
8	**CMMi in Software Development**	**3**	
	SEI CMMi in Software development (5)		3
	SEI CMMi in Software development (4)		2
	SEI CMMi in Software development (3)		1
	[Supported by CMMI Certificate from designated agency valid as on last date of bid submission]		
10	**Presentation (max. duration 45 minutes)**	**10**	
	Organizational strength and experience in related services		4
	Understanding of the project & planning		3
	Solution Proposed		3

Software BoM			
S. No.	**Product Type**	**No. of Licenses**	**Version**
1	IBM WEBSPHERE APPLICATION SERVER NETWORK DEPLOYMENT PROCESSOR	640	7.0.0.19
2	IBM WEBSPHERE APPLICATION SERVER FOR DEVELOPERS AUTHORIZED USER LICENSE	10	6.3.4
3	IBM DB2 ENTERPRISE SERVER	360	10.1.0.4
4	IBM DB2 ENTERPRISE SERVER	10	10.1.0.4
5	IBM LOTUS DOMINO ENTERPRISE SERVER	840	9.0.1
6	IBM LOTUS DOMINO WEBMAIL	10	9.0.1
7	IBM WEBSPHERE PROCESS SERVER	240	7.5.1.0
8	IBM WEBSPHERE BUSINESS MODELER	1	7.5.1.0
9	IBM WEBSPHERE INTEGRATION DEVELOPER	2	7.5.1.0
10	IBM FILENET CONTENT MANAGER	200	4.0.2
11	IBM TIVOLI MONITORING	724	6.3
12	IBM TIVOLI COMPOSITE APPLICATION MANAGER	4000	7.1
13	IBM TIVOLI SERVICE REQUEST MANAGER	3	7.2.1.5
14	IBM PROCESS SERVER ADVANCED PROCESSOR VALUE UNIT (PVU)	70	7.5.1.0
15	IBM TIVOLI APPLICATION DEPENDENCY DISCOVERY MANAGER RESOURCE VALUE UNIT	420	7.3
16	IBM DOMINOENTERPRISESE CLIENT ACCESS LICENSE AUTHORISED USER	10	9.0.1
17	IBM TRIVOLI APPLICATION DEPENDENCY DISCOVERY MANAGER INSTALL	1	7.3
18	IBM TIVOLI APPLICATION DEPENDENCY DISCOVERY MANAGER RESOURCE VALUE UNIT	660	7.3

Hardware BoM				
S.NO	BRAND	Description	CONFIGURATION	Part No.
1	IBM x-Series	LDAP Server 1	CPU: 1 x Intel Xeon 4C Processor Model E5620 80W 2.40GHz/1066MHz/12MB,	X- 3550-M3
			HDD: 2 x IBM 146 GB 2.5in SFF Slim-HS 10K 6Gbps SAS HDD,	7944-D2A
			RAM: 16 GB RAM,	
			LAN: 2 x Gigabit Ethernet Port	
			Power: Redundant 675W AC Power supply	
			Operating System: Red Hat Enterprise Linux 6.4	
2	IBM x-Series	LDAP Server 2	CPU: 1 x Intel Xeon 4C Processor Model E5620 80W 2.40GHz/1066MHz/12MB,	X- 3550-M3
			HDD: 2 x IBM 146 GB 2.5in SFF Slim-HS 10K 6Gbps SAS HDD,	7944-D2A
			RAM: 16 GB RAM,	
			LAN: 2 x Gigabit Ethernet Port	
			Power: Redundant 675W AC Power supply	
			Operating System: RHEL 6.4	
3	IBM x-Series	External DNS 1	CPU: 1 x Intel Xeon 4C Processor Model E5620 80W 2.40GHz/1066MHz/12MB,	X- 3550-M3
			HDD: 2 x IBM 146 GB 2.5in SFF Slim-HS 10K 6Gbps SAS HDD,	7944-D2A
			RAM: 8 GB RAM,	
			LAN: 2 x Gigabit Ethernet Port	
			Power: Redundant 675W AC Power supply	
			Operating System: RHEL 6.4	
4	IBM x-Series	External DNS 2	CPU: 1 x Intel Xeon 4C Processor Model E5620 80W 2.40GHz/1066MHz/12MB,	X- 3550-M3
			HDD: 2 x IBM 146 GB 2.5in SFF Slim-HS 10K 6Gbps SAS HDD,	7944-D2A
			RAM: 8 GB RAM,	
			LAN: 2 x Gigabit Ethernet Port	
			Power: Redundant 675W AC Power supply	
			Operating System: RHEL 6.4	
5	IBM x-Series	Web Server 1	CPU: 2 x Intel Xeon 4C Processor Model E5620 80W 2.40GHz/1066MHz/12MB,	X- 3550-M3
			HDD: 2 x IBM 146 GB 2.5in SFF Slim-HS 10K 6Gbps SAS HDD,	7944-D2A
			RAM: 8 GB RAM,	

			LAN: 2 x Gigabit Ethernet Port	
			Power: Redundant 675W AC Power supply	
			Operating System: RHEL 6.4	
6	IBM x-Series	Web Server 2	CPU: 2 x Intel Xeon 4C Processor Model E5620 80W 2.40GHz/1066MHz/12MB,	X- 3550-M3
			HDD: 2 x IBM 146 GB 2.5in SFF Slim-HS 10K 6Gbps SAS HDD,	7944-D2A
			RAM: 8 GB RAM,	
			LAN: 2 x Gigabit Ethernet Port	
			Power: Redundant 675W AC Power supply	
			Operating System: RHEL 6.4	
7	IBM x-Series	Internal DNS 1	CPU: 1 x Intel Xeon 4C Processor Model E5620 80W 2.40GHz/1066MHz/12MB,	X- 3550-M3
			HDD: 2 x IBM 146 GB 2.5in SFF Slim-HS 10K 6Gbps SAS HDD,	7944-D2A
			RAM: 16 GB RAM,	
			LAN: 2 x Gigabit Ethernet Port	
			Power: Redundant 675W AC Power supply	
			Operating System: RHEL 6.4	
8	IBM x-Series	Internal DNS 2	CPU: 1 x Intel Xeon 4C Processor Model E5620 80W 2.40GHz/1066MHz/12MB,	X- 3550-M3
			HDD: 2 x IBM 146 GB 2.5in SFF Slim-HS 10K 6Gbps SAS HDD,	7944-D2A
			RAM: 16 GB RAM,	
			LAN: 2 x Gigabit Ethernet Port	
			Power: Redundant 675W AC Power supply	
			Operating System: RHEL 6.4	
9	IBM x-Series	WCM	CPU: 2 x Intel Xeon 4C Processor Model E5620 80W 2.40GHz/1066MHz/12MB,	X- 3550-M3
			HDD: 2 x IBM 300 GB 2.5in SFF Slim-HS 10K 6Gbps SAS HDD,	7944-D2A
			RAM: 16 GB RAM,	
			LAN: 2 x Gigabit Ethernet Port	
			SAN: Brocade 4Gb FC Dual-port HBA for IBM System x	
			Power: Redundant 675W AC Power supply	
			Operating System: RHEL 6	
10	IBM x-Series	Staging Server X-series	CPU: 1 x Intel Xeon 4C Processor Model E5620 80W 2.40GHz/1066MHz/12MB,	X- 3550-M3
			HDD: 2 x IBM 146 GB 2.5in SFF Slim-HS 10K 6Gbps SAS HDD,	7944-D2A
			RAM: 8 GB RAM,	
			LAN: 2 x Gigabit Ethernet Port	
			Power: Redundant 675W AC Power supply	
			Operating System: RHEL 6	
11	IBM x-Series	Antivirus Server	CPU: 1 x Intel Xeon 4C Processor Model E5620 80W 2.40GHz/1066MHz/12MB,	X- 3550-M3

			HDD: 2 x IBM 146 GB 2.5in SFF Slim-HS 10K 6Gbps SAS HDD,	7944-D2A
			RAM: 16 GB RAM,	
			LAN: 2 x Gigabit Ethernet Port	
			Power: Redundant 675W AC Power supply	
			Operating System: Windows 2008 R2	
12	IBM x-Series	Site Protector Console	CPU: 1 x Intel Xeon 4C Processor Model E5620 80W 2.40GHz/1066MHz/12MB,	X- 3550-M3
			HDD: 2 x IBM 600 GB 2.5in SFF Slim-HS 10K 6Gbps SAS HDD,	7944-D2A
			RAM: 8 GB RAM,	
			LAN: 2 x Gigabit Ethernet Port	
			Power: Redundant 675W AC Power supply	
			Operating System: Windows 2012 Std	
13	IBM x-Series	Mail Gateway	CPU: 2 x Intel Xeon 4C Processor Model E5620 80W 2.40GHz/1066MHz/12MB,	X- 3550-M3
			HDD: 2 x IBM 146 GB 2.5in SFF Slim-HS 10K 6Gbps SAS HDD,	7944-D2A
			RAM: 8 GB RAM,	
			LAN: 2 x Gigabit Ethernet Port	
			Power: Redundant 675W AC Power supply	
			Operating System: RHEL 6	
14	IBM x-Series	Mail DB	CPU: 1 x Intel Xeon 4C Processor Model E5620 80W 2.40GHz/1066MHz/12MB,	X- 3550-M3
			HDD: 2 x IBM 146 GB 2.5in SFF Slim-HS 10K 6Gbps SAS HDD,	7944-D2A
			RAM: 8 GB RAM,	
			LAN: 2 x Gigabit Ethernet Port	
			SAN: Brocade 4Gb FC Dual-port HBA for IBM System x	
			Power: Redundant 675W AC Power supply	
			Operating System: RHEL 6	
15	IBM x-Series	RESERVED Server	CPU: 1 x Intel Xeon 4C Processor Model E5620 80W 2.40GHz/1066MHz/12MB,	X- 3550-M3
			HDD: 2 x IBM 146 GB 2.5in SFF Slim-HS 10K 6Gbps SAS HDD,	7944-D2A
			RAM: 16 GB RAM,	
			LAN: 2 x Gigabit Ethernet Port	
			SAN: Brocade 4Gb FC Dual-port HBA for IBM System x	
			Power: Redundant 675W AC Power supply	
			Operating System: RHEL 6.4	
16	IBM x-Series	TSM Server	CPU: 2 x Intel Xeon 4C Processor Model E5620 80W 2.40GHz/1066MHz/12MB,	X- 3550-M3
			HDD: 2 x IBM 600 GB 2.5in SFF Slim-HS 10K 6Gbps SAS HDD,	7944-D2A
			RAM: 16 GB RAM,	

			LAN: 2 x Gigabit Ethernet Port	
			SAN: Brocade 4Gb FC Dual-port HBA for IBM System x	
			Power: Redundant 675W AC Power supply	
			Operating System: RHEL 6.4	
17	IBM x-Series	Tivoli Monitoring Server	CPU: 2 x Intel Xeon 4C Processor Model E5620 80W 2.40GHz/1066MHz/12MB,	X- 3550-M3
			HDD: 2 x IBM 600 GB 2.5in SFF Slim-HS 10K 6Gbps SAS HDD,	7944-D2A
			RAM: 32 GB RAM,	
			LAN: 2 x Gigabit Ethernet Port	
			Power: Redundant 675W AC Power supply	
			Operating System: RHEL 5.5	
18	IBM x-Series	TAADM Server	CPU: 1 x Intel Xeon 4C Processor Model E5620 80W 2.40GHz/1066MHz/12MB,	X- 3550-M3
			HDD: 2 x IBM 146 GB 2.5in SFF Slim-HS 10K 6Gbps SAS HDD,	7944-D2A
			RAM: 8 GB RAM,	
			LAN: 2 x Gigabit Ethernet Port	
			Power: Redundant 675W AC Power supply	
			Operating System: RHEL 5.5	
19	IBM x-Series	NMS Server	CPU: 2 x Intel Xeon 4C Processor Model E5620 80W 2.40GHz/1066MHz/12MB,	X- 3550-M3
			HDD: 2 x IBM 300 GB 2.5in SFF Slim-HS 10K 6Gbps SAS HDD,	7944-D2A
			RAM: 16 GB RAM,	
			LAN: 2 x Gigabit Ethernet Port	
			Power: Redundant 675W AC Power supply	
			Operating System: Windows 2012 Std	
20	IBM x-Series	IT Help Desk Server	CPU: 2 x I ntel Xeon Processor E7- 4820 2.00GHz 8Core	X- 3850-X5
			HDD: 2 x IBM 300 GB 2.5in SFF Slim-HS 10K 6Gbps SAS HDD,	7143-B2A
			RAM: 32 GB RAM,	
			LAN: 2 x Gigabit Ethernet Port	
			SAN: Brocade 4Gb FC Dual-port HBA for IBM System x	
			Power: Redundant 675W AC Power supply	
			Operating System: RHEL 5.5	
21	IBM x-Series	Reporting Server	CPU: 2 x Intel Xeon 4C Processor Model E5620 80W 2.40GHz/1066MHz/12MB,	X- 3550-M3
			HDD: 2 x IBM 300 GB 2.5in SFF Slim-HS 10K 6Gbps SAS HDD,	7944-D2A
			RAM: 16 GB RAM,	
			LAN: 2 x Gigabit Ethernet Port	
			SAN: Brocade 4Gb FC Dual-port HBA for IBM System x	
			Power: Redundant 675W AC Power supply	

			Operating System: RHEL 6.4	
22	IBM x-Series	TAADM GW	CPU: 1 x Intel Xeon 4C Processor Model E5620 80W 2.40GHz/1066MHz/12MB,	X- 3550-M3
			HDD: 2 x IBM 146 GB 2.5in SFF Slim-HS 10K 6Gbps SAS HDD,	7944-D2A
			RAM: 4 GB RAM,	
			LAN: 2 x Gigabit Ethernet Port	
			Power: Redundant 675W AC Power supply	
			Operating System: Windows 2008 R2	
23	IBM x-Series	SIEM Server	CPU: 2 x Intel Xeon 4C Processor Model E5620 80W 2.40GHz/1066MHz/12MB,	X- 3550-M3
			HDD: 2 x IBM 600 GB 2.5in SFF Slim-HS 10K 6Gbps SAS HDD,	7944-D2A
			RAM: 16 GB RAM,	
			LAN: 2 x Gigabit Ethernet Port	
			Power: Redundant 675W AC Power supply	
			Operating System: RHEL 6.4	
24	IBM x-Series	HIDS Server	CPU: 2 x Intel Xeon 4C Processor Model E5620 80W 2.40GHz/1066MHz/12MB,	X- 3550-M3
			HDD: 2 x IBM 600 GB 2.5in SFF Slim-HS 10K 6Gbps SAS HDD,	7944-D2A
			RAM: 16 GB RAM,	
			LAN: 2 x Gigabit Ethernet Port	
			Power: Redundant 675W AC Power supply	
			Operating System: RHEL 6.4	
25	IBM p-Series	Application Server 1	CPU: IBM p-720 Server 4 Active Processor,	p-720
			HDD: 600GB x04 10K RPM SAS SFF Disk Drive,	8202-E4B
			RAM: 32 GB	
			LAN: 4-Port 10/100/1000 Base-TX PCI Express Adapter, Quad-port 1 Gb HEA Daughter Card,	
			Power: Redundant Redundant System AC Power Supply	
			Misc: Multimedia Disk Enclosure with DVD Drive & DAT Drive	
			Operating System: AIX 7.1	
26	IBM p-Series	Application Server 2	CPU: IBM p-720 Server 4 Active Processor,	p-720
			HDD: 600GB x04 10K RPM SAS SFF Disk Drive,	8202-E4B
			RAM: 32 GB	
			LAN: 4-Port 10/100/1000 Base-TX PCI Express Adapter, Quad-port 1 Gb HEA Daughter Card,	
			Power: Redundant Redundant System AC Power Supply	

			Misc: Multimedia Disk Enclosure with DVD Drive & DAT Drive	
			Operating System: AIX 7.1	
27	IBM p-Series	BPM-CE Server 1	CPU: IBM p-720 Server 4 Active Processor,	p-720
			HDD: 600GB x04 10K RPM SAS SFF Disk Drive,	8202-E4B
			RAM: 48 GB	
			LAN: 4-Port 10/100/1000 Base-TX PCI Express Adapter, Quad-port 1 Gb HEA Daughter Card,	
			SAN: 8 Gigabit PCI Express Dual Port Fibre Channel Adapter	
			Power: Redundant Redundant System AC Power Supply	
			Misc: Multimedia Disk Enclosure with DVD Drive & DAT Drive	
			Operating System: AIX 7.1	
28	IBM p-Series	BPM-CE Server 2	CPU: IBM p-720 Server 4 Active Processor,	p-720
			HDD: 600GB x04 10K RPM SAS SFF Disk Drive,	8202-E4B
			RAM: 48 GB	
			LAN: 4-Port 10/100/1000 Base-TX PCI Express Adapter, Quad-port 1 Gb HEA Daughter Card,	
			SAN: 8 Gigabit PCI Express Dual Port Fibre Channel Adapter	
			Power: Redundant Redundant System AC Power Supply	
			Misc: Multimedia Disk Enclosure with DVD Drive & DAT Drive	
			Operating System: AIX 7.1	
29	IBM p-Series	DB Server 1	CPU: IBM p-720 Server 4 Active Processor,	p-720
			HDD: 600GB x04 10K RPM SAS SFF Disk Drive,	8202-E4B
			RAM: 48 GB	
			LAN: 4-Port 10/100/1000 Base-TX PCI Express Adapter, Quad-port 1 Gb HEA Daughter Card,	
			SAN: 8 Gigabit PCI Express Dual Port Fibre Channel Adapter	
			Power: Redundant Redundant System AC Power Supply	
			Misc: Multimedia Disk Enclosure with DVD Drive & DAT Drive	
			Operating System: AIX 7.1	
30	IBM p-Series	DB Server 2	CPU: IBM p-720 Server 4 Active Processor,	p-720

			HDD: 600GB x04 10K RPM SAS SFF Disk Drive,	8202-E4B
			RAM: 48 GB	
			LAN: 4-Port 10/100/1000 Base-TX PCI Express Adapter, Quad-port 1 Gb HEA Daughter Card,	
			SAN: 8 Gigabit PCI Express Dual Port Fibre Channel Adapter	
			Power: Redundant Redundant System AC Power Supply	
			Misc: Multimedia Disk Enclosure with DVD Drive & DAT Drive	
			Operating System: AIX 7.1	
31	IBM p-Series	Staging Server P-series	CPU: IBM p-720 Server 4 Active Processor,	p-720
			HDD: 600GB x08 10K RPM SAS SFF Disk Drive,	8202-E4B
			RAM: 64 GB	
			LAN: 4-Port 10/100/1000 Base-TX PCI Express Adapter, Quad-port 1 Gb HEA Daughter Card,	
			SAN: 8 Gigabit PCI Express Dual Port Fibre Channel Adapter	
			Power: Redundant Redundant System AC Power Supply	
			Misc: Multimedia Disk Enclosure with DVD Drive & DAT Drive	
			Operating System: AIX 7.1	
32	IBM N-series SAN	DCSAN	IBM System Storage N3400 Model A21 , 20 TB expandable to 368 TB	N3400 Model
				2859-A21
33	Cisco MDS	DCSANSW 1	Cisco MDS 9124 Express with 16 active ports	Cisco MDS 9124 Express
34	Cisco MDS	DCSANSW 2	Cisco MDS 9124 Express with 16 active ports	Cisco MDS 9124 Express
35	IBM TS-series	DCTAPE Library	TS3310 Tape Library, with 3 LTO4 Drives	TS3310 Tape Library
			LTOs Media 60	
			Cleaning Media 01	
36	IBM x-Series	HMC Console 1	Embedded Hardware appliance for Management of p-series servers with 02 Network ports, 02 x 02GB RAM, 01 x 500GB HDD	X- 3550-M3
				M/T 7042CR6
37	IBM x-Series	HMC Console 2	Embedded Hardware appliance for Management of p-series servers with 02	X- 3550-M3

			Network ports, 02 x 02GB RAM, 01 x 500GB HDD	M/T 7042CR6
38	HP-3Com	Internet Firewall 1	HP F1000-S-EI VPN Firewall Appliance	JG213A
			12 Ports, 02GB RAMHP F1000-S-EI VPN Firewall Appliance	
			12 Ports, 02GB RAM	
39	HP-3Com	Internet Firewall 1	HP F1000-S-EI VPN Firewall Appliance	JG213A
			12 Ports, 02GB RAMHP F1000-S-EI VPN Firewall Appliance	
			12 Ports, 02GB RAM	
40	HP-3Com	MPLS Firewall 1	HP F1000-S-EI VPN Firewall Appliance	JG213A
			12 Ports, 02GB RAMHP F1000-S-EI VPN Firewall Appliance	
			12 Ports, 02GB RAM	
41	HP-3Com	MPLS Firewall 2	HP F1000-S-EI VPN Firewall Appliance	JG213A
			12 Ports, 02GB RAMHP F1000-S-EI VPN Firewall Appliance	
			12 Ports, 02GB RAM	
42	Checkpoint	Internal Firewall 1	Check Point 4600 Appliance (including Firewall,VPN, Advanced Networking & Clustering);Bundled with local management for up to 2 gateways 08 Management Ports	CPAP-SG4607
43	Checkpoint	Internal Firewall 2	Check Point 4600 Appliance (including Firewall,VPN, Advanced Networking & Clustering);Bundled with local management for up to 2 gateways. For High Availability 08 Management Ports	CPAP-SG4607-HA
44	H3C	Internet AS 1	HP A5120-24G EI Switch with 2 Slots & 24 Ports	JE068A
45	H3C	Internet AS 2	HP A5120-24G EI Switch with 2 Slots & 24 Ports	JE068A
46	H3C	MPLS AS 1	HP A5120-24G EI Switch with 2 Slots & 24 Ports	JE068A
47	H3C	MPLS AS 2	HP A5120-24G EI Switch with 2 Slots & 24 Ports	JE068A
48	HP-3Com	Mgmt AS 1	HP A5120-48G EI Switch with 2 Slots	JE069A
49	HP-3Com	Mgmt AS 2	HP A5120-48G EI Switch with 2 Slots	JE069A
50	IBM	Internet NIPS 1	PROVENTIA GX5008C-v2 Intrusion Prevention Appliance, 04 Pair + 02 Management Ports	553S395
51	IBM	Internet NIPS 2	PROVENTIA GX5008C-v2 Intrusion Prevention Appliance 04 Pair + 02 Management Ports	553S395
52	IBM	MPLS NIPS 1	PROVENTIA GX5008C-v2 Intrusion Prevention Appliance 04 Pair + 02 Management Ports	553S395

53	IBM	MPLS NIPS 2	PROVENTIA GX5008C-v2 Intrusion Prevention Appliance04 Pair + 02 Management Ports	553S395
54	HP Router MSR30-40	Internet Router 1	HP MSR30-40 Router	JF229A
			HP MSR 256MB SDRAM	JD647A
			HP RPS 800 A Redundant Power Supply	JD183A
			HP X290 MSR30 1m RPS Cable	JD637A
55	HP Router MSR30-40	Internet Router 2	HP MSR30-40 Router	JF229A
			HP MSR 256MB SDRAM	JD647A
			HP RPS 800 A Redundant Power Supply	JD183A
			HP X290 MSR30 1m RPS Cable	JD637A
56	Router MSR30-40	MPLS Router 1	HP MSR30-40 Router	JF229A
			HP 2p 10/100/1000BASE-T MIM A-MSR Module	JD548A
			HP 2p 10/100/1000BASE-T MIM A-MSR Module	JD548A
			HP MSR 256MB SDRAM	JD647A
			HP RPS 800 A Redundant Power Supply	JD183A
			HP X290 MSR30 1m RPS Cable	JD637A
57	Router MSR30-40	MPLS Router 2	HP MSR30-40 Router	JF229A
			HP 2p 10/100/1000BASE-T MIM A-MSR Module	JD548A
			HP 2p 10/100/1000BASE-T MIM A-MSR Module	JD548A
			HP MSR 256MB SDRAM	JD647A
			HP RPS 800 A Redundant Power Supply	JD183A
			HP X290 MSR30 1m RPS Cable	JD637A
58	CSW	Core Switch 1	HP 7510 Switch Chassis	JD238B
			HP A7500 1400W AC Power Supply (PWR 1)	JD218A
			HP A7500 1400W AC Power Supply (PWR 2)	JD218A
			HP 768 Gbps A7500 Fabric Module	JD220A
			HP 768 Gbps A7500 Fabric Module	JD220A
			HP A7500 20-port Gig-T / 4-port GbE Combo PoE-upgradable SC Module	JC669A
59	CSW	Core Switch 2	HP 7510 Switch Chassis	JD238B
			HP A7500 1400W AC Power Supply (PWR 1)	JD218A
			HP A7500 1400W AC Power Supply (PWR 2)	JD218A
			HP 768 Gbps A7500 Fabric Module	JD220A
			HP 768 Gbps A7500 Fabric Module	JD220A
			HP A7500 20-port Gig-T / 4-port GbE Combo PoE-upgradable SC Module	JC669A
60	SFS	DMZ Switch 1	HP 5800-24G Switch	JC100A
			HP RPS 800 A Redundant Power Supply	JD183A
			HP X290 500/800 1m RPS Cable	JD190A
61	SFS		HP 5800-24G Switch	JC100A

		DMZ Switch 2	HP RPS 800 A Redundant Power Supply	JD183A
			HP X290 500/800 1m RPS Cable	JD190A
62	SFS	MZ Switch 1	HP 5800-24G Switch +16 Ports	JC100A
			HP RPS 800 A Redundant Power Supply	JD183A
			HP X290 500/800 1m RPS Cable	JD190A
			HP 5800 16 port-gig T module	JC094A
63	SFS	MZ Switch 2	HP 5800-24G Switch +16 Ports	JC100A
			HP RPS 800 A Redundant Power Supply	JD183A
			HP X290 500/800 1m RPS Cable	JD190A
			HP 5800 16 port-gig T module	JC094A
64	SFS	DB Switch 1	HP 5800-24G Switch	JC100A
			HP RPS 800 A Redundant Power Supply	JD183A
			HP X290 500/800 1m RPS Cable	JD190A
65	SFS	DB Switch 2	HP 5800-24G Switch	JC100A
			HP RPS 800 A Redundant Power Supply	JD183A
			HP X290 500/800 1m RPS Cable	JD190A
66	SFS	MGT Switch 1	HP 5800-24G Switch	JC100A
			HP RPS 800 A Redundant Power Supply	JD183A
			HP X290 500/800 1m RPS Cable	JD190A
67	SFS	MGT Switch 2	HP 5800-24G Switch	JC100A
			HP RPS 800 A Redundant Power Supply	JD183A
			HP X290 500/800 1m RPS Cable	JD190A
68	Array Network	Internet LLB 1	APV2200 NetVelocity (2GB, 4Ports)	AW968205
69	Array Network	Internet LLB 2	APV2200 NetVelocity (2GB, 4Ports)	AW968205
70	Array Network	DC-DR Replication LLB 1	APV2200 NetVelocity (2GB, 4Ports)	AW968205
71	Array Network	DC-DR Replication LLB 2	APV2200 NetVelocity (2GB, 4 Ports)	AW968205
72	Array Network	DMZ SLB 1	APV 2200 AppVelocity-S (2GB, 4 Ports) Server Load Balancer with SSL Processing, Compression, Caching, Clustering	AW968203
73	Array Network	DMZ SLB 2	APV 2200 AppVelocity-S (2GB, 4 Ports) Server Load Balancer with SSL Processing, Compression, Caching, Clustering	AW968203

74	Array Network	MZ SLB 1	APV 2200 AppVelocity-S (2GB, 4 Ports) Server Load Balancer with SSL Processing, Compression, Caching, Clustering	AW968203
75	Array Network	MZ SLB 2	APV 2200 AppVelocity-S (2GB, 4 Ports) Server Load Balancer with SSL Processing, Compression, Caching, Clustering	AW968203
76	Array Network	VPN GW 1	SSL VPN Appliance, Clustering, Clientless access and integration with Client Certificate	AW964155
			SPX 4800 (2 GB, 4 Ports) With 50 Lic. SSL VPN Appliance, Clustering, Clientless access and integration with Client Certificate	
			SPX 4800 (2 GB, 4 Ports) With 50 Lic.	
77	Array Network	VPN GW 2	SSL VPN Appliance, Clustering, Clientless access and integration with Client Certificate	AW977606
			SPX 4800 (2 GB, 4 Ports) SSL VPN Appliance, Clustering, Clientless access and integration with Client Certificate	
			SPX 4800 (2 GB, 4 Ports)	
78	KVM Console 1	KVM Console 1	IBM 16 Console Ports & 02 Management Ports	
79	KVM Console 2	KVM Console 2		
			BM 08 Console Ports & 02 Management Ports	
80	KVM Console 3	KVM Console 3		
			BM 08 Console Ports & 02 Management Ports	
81	TFT Console 1	TFT Console 1	IBM 1U Flat-Panel Monitor Console Kit	
82	TFT Console 2	TFT Console 2	IBM 1U Flat-Panel Monitor Console Kit	
83	TFT Console 3	TFT Console 3	IBM 1U Flat-Panel Monitor Console Kit	
84	TFT Console 4	TFT Console 4	IBM 1U Flat-Panel Monitor Console Kit	
85	Rack 1	Rack 1	IBM Rack Model T42	
86	Rack 2	Rack 2	IBM Rack Model T42	

87	Rack 3	Rack 3	IBM Rack Model T42	
88	Rack 4	Rack 4		
			IBM S2 42U Standard Rack Cabinet	
89	Rack 5	Rack 5		
			IBM S2 42U Standard Rack Cabinet	
90	Rack 6	Rack 6		
			IBM S2 42U Standard Rack Cabinet	
91	Rack 7	Rack 7		
			IBM S2 42U Standard Rack Cabinet	
92	Rack 8	Rack 8	Standard 42U Network Rack Cabinet	
93	Rack 9	Rack 9	Standard 42U Network Rack Cabinet	
94	Symantec	Rack 4	Intel(R) Xeon(R) CPU E5-2620 0 @ 2.00GHz, Intel(R) Xeon(R) CPU E5-2620 0 @ 2.00GHz with 32 GB Memory & 06 x 300GB HDD	
95	Symantec	Rack 5	Intel(R) Xeon(R) CPU E5-2620 0 @ 2.00GHz, Intel(R) Xeon(R) CPU E5-2620 0 @ 2.00GHz with 32 GB Memory & 06 x 300GB HDD	
96	LTO-4 Media	N/A	IBM LTO-4 Data Cartridges -- Qty-60	
			IBM Cleaning Cartridges - Qty-1	

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