

Nagaland State Data Centre (NagaSDC)

CORRIGENDUM No.1

Ref. No. NSeGSSDC-1/2009 Dated: 22/07/2009

This Corrigendum consists of the modified clauses which have been included after an internal review of the RFP floated on 22/07/2009 and the Pre-Bid Meeting held on 19/08/09. All the modified clauses with respect to earlier RFP are given as under:

Sl. No.	Section No.	Clause No.	Page No.	RFP Clause/ Reference Subject	Modified Clause
1.	Vol 1: IV	4.1.2	34	Site Preparation: The State Government has planned to implement the NSDC at 1nd floor of Directorate of science & technology Building, Below New Secretariat, Thizama Road	Please read as: The State Government has planned to implement the NSDC at 1st floor of Directorate of science & technology Building, Below New Secretariat, Thizama Road
2.	Vol 1: IV	4.1.5	38	Training:	Point Added: SDC Training Schedule: Please find below the mentioned <i>Annexure II</i>
3.	Vol 1: IV	4.6	56	Required resources: <ul style="list-style-type: none"> • Technical Specialist Server / Storage " 	Point Modified: <ul style="list-style-type: none"> • Technical Specialist – Server / Storage

				B.E./B.Tech, 3 Years, MCSE, RHCE, MCP, etc"	" B.E./B.Tech, 3 Years experience, MCSE/RHCE/MCP, etc"
4.	Vol 1: IV	4.6	56	Required resources: <ul style="list-style-type: none"> • Technical Specialist – Network " B.E./B.Tech, 3 Years, CCNA, CCNP etc" 	Point Modified: <ul style="list-style-type: none"> • Technical Specialist – Network " B.E./B.Tech, 3 Years experience, CCNA/CCNP, etc"
5.	Vol 1: V	5.2.3	65	Service Levels – Resolution for Virus attacks	Point Modified & Added: Service Levels – Security, incident & Virus attack management For every Data theft incident a penalty of >=5 Lac shall be imposed and this penalty will be in addition to any other penalty, punishment applicable under the legal provisions of the country and the state prevailing at that point in time.
6.	Vol 1: VII	7.21.3	117	<u>Change of Size/Quantities</u> Change of size/quantities: provided that such increase or decrease shall not exceed twenty five per cent (30%) of the total Contract Price. In case the change required by the State Government	<u>Please read as:</u> Change of size/quantities: provided that such increase or decrease shall not exceed twenty five per cent (25%) of the total Contract Price. In case the change required by the State Government exceeds 25% of the total Contract Price,

				exceeds 30% of the total Contract Price, the said change would be subject to the DCO providing his written consent to the State Government request.	the said change would be subject to the DCO providing his written consent to the State Government request.
7.	Vol 1: IX	9.6	151	<p>Manpower Details -> <i>Format of CV for proposed staff of bidder:</i></p> <p>"I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes qualifications and experience mentioned above and proposed staff member is a permanent employee of our organization. I understand that any willful misstatement described herein may lead to my disqualification or dismissal, if engaged. Signature of Staff Member Date: Signature of Authorized Signatory Date:"</p>	<p><u>Please read as:</u> A single declaration can also be provided from the authorized signatory/ HR Head certifying and guaranteeing the deployment of the required resources.</p>
8.	Vol 1: X	10.2.2.2	168	<p>IT Infrastructure Cost Table – Networking: Point 17. External firewall - 1 nos</p>	<p>Point Modified: Point 17. External firewall - 2 nos</p>

9.	Vol 1: X	10.2.2.2	168	IT Infrastructure Cost Table – Networking: Point 22. Internal firewall at DC - 1 nos	Point Deleted.
10.	Schedule G	G.2	11	Power Requirement: The solution design for expansion of UPS capacity in KVA within the same unit will be evaluated. The bidder who proposes maximum expansion capacity within the unit will be considered for maximum marks and the rest will be given marks on pro rata.	Point Modified: The solution design for expansion of UPS capacity in KVA will be evaluated. The bidder who proposes maximum expansion capacity will be considered for maximum marks and the rest will be given marks on pro rata.
11.	Schedule G	G.3	12	Precision Air Conditioning The solution design for expansion of PAC capacity in TR within the same PAC will be evaluated. The bidder who proposes maximum expansion capacity within the unit will be considered for maximum marks and the rest will be given marks on pro rata.	Point Modified: The solution design for expansion of PAC capacity in TR will be evaluated. The bidder who proposes maximum expansion capacity will be considered for maximum marks and the rest will be given marks on pro rata

12.	Vol 2: 2.3	2.3.2	15	Access Switch: <ul style="list-style-type: none"> • 24 x 10/ 100/1000 Ethernet ports • 4 x GBIC ports 	Point Modified: <ul style="list-style-type: none"> • 48 ports x 10/ 100/1000 with 4 GBIC ports
13.	Vol 2: 2.3	2.3.6	21	Perimeter Firewall: Performance and Availability <ul style="list-style-type: none"> • Firewall Throughput: minimum 2 Gbps 	Point Modified: Performance and Availability <ul style="list-style-type: none"> • Firewall Throughput: minimum 1 Gbps
14.	Vol 2: 2.3	2.3.6	21	Perimeter Firewall: Routing Protocols <ul style="list-style-type: none"> o Static Routes o RIPv1, RIPv2 o OSPF o BGP4 	Point Deleted: The bullet point BGP4 stands deleted
15.	Vol 2: 2.3	2.3.7	22	Internal Firewall:	The complete specification of internal firewall has been deleted.
16.	Vol 2: 2.3	2.3.14	31	Server Load Balancer: Segmentation / Virtualization support / Resource Allocation	Point Modified: Segmentation / Virtualization support along with Resource Allocation per

					segment
17.	Vol 2: 2.3	2.3.15	32	Management & Monitoring System (EMS) with Helpdesk System	Point Added: Please find below the <i>Annexure I</i>
18.	Vol 2: 2.4	2.4.7.3	63	Battery Requirements	Point Added: The UPS system batteries shall be of 2 Volts, Sealed Valve-Regulated lead acid (VRLA) heavy duty type batteries having design float life of 20 years. Sealed VRLA battery shall be sized considering end cell voltage of 1.75 Volts per cell for 30 Minutes backup on full load.
19.	Vol 2: 2.4	2.4.7.5	65	Technical Specification of UPS:	Point Modified: The power factor of the UPS system shall not be less than 0.9 at all load conditions

20.	Vol 2: 3	3.2	98	Networking Components: External Firewall – Qty 01	Point Modified: External/ Perimeter Firewall – Qty 02
21.	Vol 2: 3	3.2	98	Networking Components: Internal Firewall – Qty 01	Point Deleted:

Annexure I

Enterprise Management System:

Application Performance Monitoring

- End to end Management of applications– should be able to do end to end monitoring of Web and non-web applications (like Oracle, Java, .net, Client Server, Legacy applications, Web 2.0 and Rich Internet Applications)
- Determination of the root cause of performance issues whether inside the Java application in connected back-end systems or at the network layer.
- Automatic discovery and monitoring of the web application environment.
- Ability to monitor multiple applications with a dashboard.
- Ability to expose performance of individual SQL statements within problem transactions.
- Proactive monitoring of all end user transactions; detecting failed transactions; gathering evidence necessary for problem diagnose.
- Storage of historical data is for problem diagnosis, trend analysis etc.
- Monitoring of application performance based on transaction type.
- Ability to identify the potential cause of memory leaks.
- The proposed solution should proactively monitor all user transactions for any web-application hosted in a J2EE-compliant application server; detect failed transactions; gather evidence necessary for triage and diagnosis of problems that affect user experiences and prevent completion of critical business processes
- The proposed solution should correlate performance data from HTTP Servers (external requests) with internal application performance data
- The proposed solution must be able to proactively identify errors and problems that users are experiencing and enable trouble shooting to begin before an increasing number of users are impacted.
- The proposed solution must be able to pro-actively determine exactly which real users were impacted by transaction defects, their location and status.
- The proposed solution must be able to provide the ability to create user groups based on application criteria or location and link user ids to user names and user groups.
- The proposed solution should give visibility into user experience without the need to install agents on user desktops.
- The solution should be deployable as a passive listener on the network thus inducing zero overhead on the network and application layer while monitoring the end-user experience for various web applications hosted in the data center.

- The proposed solution should provide deeper end-to-end transaction visibility by monitoring at a transactional level.
- The proposed solution should be able to trace the web transaction components and provide visual representation of an actual transaction if required. All the performance data for the components that make up this transaction should be captured. It should provide an easy way to understand the interaction of the components for e.g. which JSP calls which Servlet or EJB and backend component
- The proposed solution should determine whether web application performance issues are related to the database and collaborate with database administrators so that problems can be detected, isolated and eliminated quickly.
- The proposed solution should see response times based on defined web pages and transactions.
- The proposed solution should be JVM & JDK independent, thereby enabling to manage applications on any Java Virtual Machine
- The solution should provide an advanced reporting facility with the ability to schedule reports (out of the box and customizable) for any application area.
- The proposed solution should allow data to be seen only by those with a need to know and limit access by user roles
- The proposed solution should view instantly the current value of any metric of any component providing instant real-time performance view
- The proposed solution should share critical application information across the enterprise enabling instant 24x7 monitoring for authorized users anytime, anywhere

Annexure II

SDC Training Schedule			
S. No.	Training Description	Duration	Target Audience
A	Non-IT Training	1 - 2 days	Max 15 people (8-10 from CT and 2-5 as State nominated persons)
1	Data Center Design		
2	Overview of Non-IT Components		
3	Electrical Distribution System		
4	DG System & Operation		
5	UPS System & Operation		
6	PAC System & Operation		
7	Security System & Operation		
8	BMS System & Operation		
9	Data Cabling Overview		
B	IT Training	3 - 5 days	
1	Overview of IT Components		
2	Data Center Network Design		
3	Data Center IT Architecture		
4	Overview of Operating Systems		
5	Overview of Databases		
6	Overview of Storage & Backup setup		
7	Overview of EMS System		

8	L1 training for network equipments, Servers, Operating Systems, Databases, Security equipments	
C	SLA	1 day
1	Overview of SLA Monitoring & Management	
D	Others	2 days
1	Overview of Security Policy	
2	Do's and Don't	
3	Any other points/topics (for e.g., Interoperability, consolidation, virtualization, etc...)	