CORRIGENDUM – V

WTL/CT/AMC/17-18/020 dated 04.09.2017

Sl. No.	Section	Clause No.	Page No.	Present Entry	Replace with
1.	A	6	5	**Support and Maintenance:** Bidder will provide AMC/warranty support service for equipment's.	**Support and Maintenance:** Bidder will provide AMC/warranty support service for equipment's and also provide Facility Management Support Service as per scope of work define in Annexure – I enclosed.
2.	A		5	WTL / CTD will provide FMS team for continuing the support of G2G system after commissioning & integration of existing infrastructure with augmentation of additional equipment's of existing infrastructure.	Point to be deleted
3.	I		28	Revised Bill of Material Enclosed	
4.	Revised BOQ uploaded.				

Scope of Work for Facility Management Support Service

Type of Service	Scope of Work / Service	No. of Resources / Working Experience / Minimum Qualification	Duty hours
Facility Manager for Central Server system & other server/device/ service	● Co-ordinate and review with user department/vendors/ OEM's ● Consultant with respective authority for change management of system architecture ● Co-ordination with GSTN authority for GSNT Network health ● Knowledge transfer with all FMS team members for project update ● Preparation & analysis of various daily, weekly and monthly report generate from Server health, Network & other devices as an when requirement ● Consultant and co-ordinate with NIC Application team of CTD smooth operation of CTD application including Staging & Development Server system. ● Co-ordinate with CTD team for smooth operation of Central Server, DAW server, Internet website server & other services ● Co-ordinate with WBSDC authority for various activities related to project. ● Co-ordinate with existing SI of G2C system for smooth operation of Oracle Golden Gate and other related job. ● Any other FM service related job	01 / 7 years working experience in FMS team / B.E/MCA/Diploma Eng.	10:00 - 18:00Hrs Monday - Saturday (will be available on Sunday and Holiday)
System Admin Support Service	● Monitoring all servers, Storage, Tape Libraries through management console and other monitoring tools /script in daily basis. ● Servers Operating system installation, re-installation, configuration, re-configuration, update the patch, additional software installation along with configuration, performance tuning and periodic updates. ● Diagnosis of Hardware and Operating system related issues and immediate reporting to FM with a resolution / work around. ● Implementation, configuration & Monitoring of NTP, DNS Server ● Access of Staging & Development Server given to NIC user for deployment of Application after prior approval. ● Periodic Password change for all server and devices as per the policy. ● Call logging and coordinate with concerned hardware OEM for any hardware faults until the faulty hardware is replaced/repaired and proper functioning. ● Installation, Re-installation, configuration & tuning of Backup Software. ● Checking and configuration of OS level Firewall as per requirement. ● Co-ordinate with OS & Backup Software OEM for resolution. ● Configuration of LUN/Partitions/RAID on Storage & Server ● Monitoring of Storage performance ● Preparation of weekly report for Server & Storage ● Other System Admin related job.	01 / 3 years working experience in Datacenter with the relevant OS, Storage & Backup / B.E/MCA/Diploma Eng.	10:00 - 18:00Hrs Monday - Saturday (will be available on Sunday and Holiday)
Database Admin Service	● Installation, Re-installation & Configuration of Oracle Database as per project requirement after consultation with NIC/CTD. ● Installation, Re-installation & Configuration and patch update of Oracle Database, RAC & ASM. ● Diagnosis and resolution of Oracle Database errors and issues.	01/ 3 years working experience in Datacenter with the relevant RDBMS Administration with certificate on relevant RDBMS /	10:00 - 18:00Hrs Monday - Saturday (will be available on Sunday and

	● Monitoring of Database health, log and usages of Oracle Database of all Servers. ● Periodic password change and password policy implementation in production, DAW, Staging and Development Database. ● Daily RMAN & Datapump backup, data refresh of the DAW Database from production server and data upload from flat files and data download into flat files from production to DAW server as per requirement of DAW team. ● Monitoring the Golden Gate Application in IMPACT Database and coordinate with Web Server team. Generate of daily log reports, table row count report. ● Performance tuning, period password changing, user creation, profile creation. ● Resolution of user issues faced in DAW system. ● Daily, weekly, monthly report preparation as per requirement. ● Coordinate with NIC/DAW team for any other Database related job. ● Any other related Database related job	B.E/MCA/Diploma Eng	Holiday)
Web Logic Admin Service	● Installation, configuration, re-installation, patching of Oracle Weblogic server and Oracle 11g Forms and reports servers in Central Server system, DAW, Staging and Development Servers. ● Monitoring, Diagnosis & resolution of Oracle Weblogic server and Oracle 11g Forms and reports servers in Central Server system, DAW, Staging and Development Servers. ● Creation and maintenance of Data sources in Production server, DAW, Staging and Development server. ● Deployment of Oracle Forms and report binaries in the staging and production servers as an when required, from Development server. ● Addition and deletion of context root of the Application from production load balancer. ● Coordinate with NIC team of production application issues ● Provide deployment windows / Access to NIC team for deployment of new application/modify the existing application ● Preparation of daily, monthly report as per requirement. ● Any other related Web Logic Admin Service job.	01/ 3 years working experience in Datacenter with the relevant Application Server Administration with certificate on relevant Application Server Administration / B.E/MCA/Diploma Eng	10:00 - 18:00Hrs Monday - Saturday (will be available on Sunday and Holiday)
Network Admin Service	● Preparation of Installation plan, Installation, re-installation of Network devices installed at State Data Center ● Configuration & Monitoring the Network system Central Server system installed at Data Center ● Call logging & coordinate with OEM & Vendor for replacement of faulty Network device or any other related issues. ● Implement Network security at Central Server system installed at Data Center. ● Co-ordinate with State Data Center authority & Web Server SI for any network related issue ● Implementation & maintain of VLAN & other network configuration as per project requirement. ● Prepare and maintain the Asset list of Network infrastructure installed at State Data Center ● Any other Network related job.	01/ 3 years working experience in LAN & WAN with the relevant switches, routers, network security and certificate on relevant Network / B.E/MCA/Diploma Eng/B.Sc	10:00 - 18:00Hrs Monday - Saturday (will be available on Sunday and Holiday)

SECTION – I

BILL OF MATERIAL

Sl. No.	Item Type	Item Description	Make & Model	Serial No.	Qty.	Unit
1	AMC	2 Years AMC charge for Database Server 1	Dell-PowerEdge R710	3FB78R1	1	No.
2	AMC	2 years AMC charge for Database Server 2	Dell-PowerEdge R710	3FBK8R1	1	No.
3	AMC	2 Years AMC charge for Secondary Database	Dell-PowerEdge R710	3FBR8R1	1	No.
4	AMC	2 years AMC charge for Application Server 1	Dell-PowerEdge R710	3FBD8R1	1	No.
5	AMC	2 Years AMC charge for Application Server 2	Dell-PowerEdge R710	3FBG8R1	1	No.
6	AMC	2 Years AMC charge for Application Server 3	Dell-PowerEdge R710	3FB58R1	1	No.
7	AMC	2 Years AMC charge for Application Server 4	Dell-PowerEdge R710	3FBB8R1	1	No.
8	AMC	2 Years AMC charge for NFS server	Dell-PowerEdge R710	3FBP7R1	1	No.
9	AMC	2 Years AMC charge for Data Analytic Wing Server	Dell-PowerEdge R710	3FBM7R1	1	No.
10	AMC	2 years AMC charge for Test Server	Dell-PowerEdge R710	3FBQ8R1	1	No.
11	AMC	2 Years AMC charge for Backup server	Dell-PowerEdge R710	3FB5ZR1	1	No.
12	AMC	2 years AMC charge for DNS P NTP Server	Dell-PowerEdge R710	3FB98R1	1	No.
13	AMC	2 years AMC charge for DNS S NTP P server	Dell-PowerEdge R710	3FBJ8R1	1	No.
14	AMC	2 years AMC charge Zabbix server	Dell-PowerEdge R710	3FBC8R1	1	No.
15	AMC	2 years AMC charge for Internal Website server	Dell-PowerEdge R720XD	4JYN7X1	1	No.
16	AMC	2 years AMC charge for Stage server	Dell-PowerEdge R720XD	7LYN7X1	1	No.
17	AMC	2 years AMC charge for Development server	Dell-PowerEdge T620	HWWKG2S	1	No.
18	AMC	2 Years AMC Charge for PTAX Server	IBM System X3620 M3	06VTH09	1	No.
19	AMC	2 Years AMC Charge for Proxy Server	HP DL385G7 SFF CTO	SGH234B2YL	1	No.
20	AMC	2 years AMC charge Backup Device	Dell-PowerVault TL2000	X2U78V3348	1	No.
21	AMC	2 years AMC charge for Backup Device	Dell-PowerVault TL2000	X2U78V3253	1	No.
22	AMC	2 years AMC charge for KVM Switch	ATEN KVM Switch CEW-KH1516Ai	A1B8P193AB 50019	1	No.
23	AMC	2 years AMC charge for KVM Switch	ATEN KVM Switch CEW-KH1516Ai	A1BT193B0G 0085	1	No.
24	AMC	2 years AMC charge for KVM Display (LED console with Keyboard & Mouse)	ATEN CEW-CL1000M	Z8B5M008AK 30034	1	No.
25	AMC	2 years AMC charge for KVM Display (LED console with Keyboard & Mouse)	ATEN CEW-CL1000M	Z8B5W008AK 30016	1	No.
26	Renewal of Subscription	Redhat Enterprise Kinux Advanced Platform Standard (unlimited socket) - Contract No. 2555233	Redhat	2555233	14	Nos.

27	Procurement for Upgradation / augmentation	VNX 1.2TB 10K SAS 15X3.5 DAE UPG	VNX8000 upgrade	N/A	10	Nos.
28	Procurement for Upgradation / augmentation	VNX 1.2TB 10K SAS 25X2.5 DPE/DAE UPG	VNX8000 upgrade	N/A	11	Nos.
29	Procurement for Upgradation / augmentation	CISCO 9148 8-PORT POD LICENSE	Connectrix MDS 9148 SAN Switch upgrade	N/A	2	Nos.
30	Procurement for Upgradation / augmentation	2/4/8-GBPS FC SHORTWAVE SWITCH SFP LC		N/A	16	Nos.
31	Procurement for Upgradation / augmentation	OM3 50/125 FIBER CABLE LC- LC 10 METER		N/A	16	Nos.
32	Procurement for Upgradation / augmentation	8 Gbps Dual port FC HBA compatible with Dell R 710 Server	FC HBA for existing Dell R710 Servers	N/A	4	Nos.
33	Procurement for Upgradation / augmentation	NETWORTKER CLNT for 2 years subscription	augmentation of Networker Backup Software License	N/A	10	Nos.
34	Procurement for Upgradation / augmentation	NW DYNAMIC DRIVE SHARING OPTION=IA for 2 years subscription		N/A	2	Nos.
35	Procurement for Upgradation / augmentation	NW AUTOCH SOFTWARE 1-32 SLOTS for 2 years subscription		N/A	1	No.
36	Procurement for Upgradation / augmentation	NW NETWORK ED DED STG NODE WIN/LIN=IA, for 2 years subscription		N/A	4	Nos.
37	Procurement for Upgradation / augmentation	NW MOD DATABASES AND APPS WIN/LIN=IA, for 2 years subscription		N/A	4	Nos.
38	Procurement for Upgradation / augmentation	Core Switch (Specification as per section -K)	N/A	N/A	2	Nos.
39	Procurement for Upgradation / augmentation	LAN supply & works and integration with existing internal Server system network & WBSDC infrastructure, Complying EIA/TIA-942 & BIS Std.(related) with diagram & certification	N/A	N/A	1	No.
40	Integration charge	System Integration charge	N/A	N/A	1	No.
41	Facility Management Service	Facility Management Service support charge for 2 Years (Scope of work as per Annexure -I)	N/A	N/A	1	LS

Bill of quantity may change at the time of ordering of Purchase Order. Detailed Technical Specifications are given in Section – J.