

AMENDMENT-1

Dated: 29-March-2023

(Bid Number: GEM/2023/B/3268735 Dated: 15-03-2023)

Subject: Amendment to the REQUEST FOR PROPOSAL (RFP) for 'Appointment of Service Provider (SP) for Providing Cloud hosting Space & Managed Services and Operations & Maintenance Support in MeitY Empaneled Cloud Server DC for UPPCL Web Applications & Portals'

Sl. No	Tender Page No./Section No./Clause No.	Existing Clause	Amended Clause												
1	Section VII, Annexure A/ Page 92-93	Annexure - A: Eligibility Criteria compliance Annexure	The revised Annexure is enclosed as Annexure 1												
2	Section VII, Annexure B/ Page 94- SI no.1	<p>FINANCIAL BID (THROUGH ONLINE ONLY)- PRICE SCHEDULE</p> <table border="1"><thead><tr><th>S. No.</th><th>Particulars</th><th>Service Type</th></tr></thead><tbody><tr><td>1</td><td>Application Server</td><td>EC2 Instance OS : Windows Server 2012 Std. Edition or latest supported by OEM upto March 2025 vCPU: 16 GHz expandable upto 32 GHz RAM: 128 GB Storage: 100 GB expandable upto 600 GB Term: 3yr Reserved- No upfront</td></tr></tbody></table>	S. No.	Particulars	Service Type	1	Application Server	EC2 Instance OS : Windows Server 2012 Std. Edition or latest supported by OEM upto March 2025 vCPU: 16 GHz expandable upto 32 GHz RAM: 128 GB Storage: 100 GB expandable upto 600 GB Term: 3yr Reserved- No upfront	<p>The revised clause shall be read as:</p> <table border="1"><thead><tr><th>S. No.</th><th>Particulars</th><th>Service Type</th></tr></thead><tbody><tr><td>1</td><td>Application Server</td><td>Instance vCPU: 16 GHz expandable upto 32 GHz RAM: 128 GB Storage: 100 GB expandable upto 600 GB Term: 3yr Reserved- No upfront</td></tr></tbody></table>	S. No.	Particulars	Service Type	1	Application Server	Instance vCPU: 16 GHz expandable upto 32 GHz RAM: 128 GB Storage: 100 GB expandable upto 600 GB Term: 3yr Reserved- No upfront
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3	Section VII, Annexure B/ Page 94- Sl no.2	<p>FINANCIAL BID (THROUGH ONLINE ONLY)- PRICE SCHEDULE</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Particulars</th> <th>Service Type</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Managed Database</td> <td> RDS - MS SQL Server 2012 Std. Edition or latest supported by OEM upto March 2025 vCPU: 16 GHz expandable upto 32 GHz RAM: 128 GB Storage: 8 TB SAN Storage with 100 IOPs per 100 GB Term: 3 yr Reserved- No upfront </td> </tr> </tbody> </table>	S. No.	Particulars	Service Type	2	Managed Database	RDS - MS SQL Server 2012 Std. Edition or latest supported by OEM upto March 2025 vCPU: 16 GHz expandable upto 32 GHz RAM: 128 GB Storage: 8 TB SAN Storage with 100 IOPs per 100 GB Term: 3 yr Reserved- No upfront	<p>The revised clause shall be read as:</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Particulars</th> <th>Service Type</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Managed Database</td> <td> vCPU: 16 GHz expandable upto 32 GHz RAM: 128 GB Storage: 8 TB SAN Storage with 100 IOPs per 100 GB Term: 3 yr Reserved- No upfront </td> </tr> </tbody> </table>	S. No.	Particulars	Service Type	2	Managed Database	vCPU: 16 GHz expandable upto 32 GHz RAM: 128 GB Storage: 8 TB SAN Storage with 100 IOPs per 100 GB Term: 3 yr Reserved- No upfront
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4	Section VII, Annexure B/ Page 95- Sl no.10	<p>FINANCIAL BID (THROUGH ONLINE ONLY)- PRICE SCHEDULE</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Particulars</th> <th>Service Type</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>Visual Studio community version 2013</td> <td>Free/Community version</td> </tr> </tbody> </table>	S. No.	Particulars	Service Type	10	Visual Studio community version 2013	Free/Community version	<p>The revised clause shall be read as:</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Particulars</th> <th>Service Type</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>Visual Studio</td> <td>Professional Licensed version supported by OEM</td> </tr> </tbody> </table>	S. No.	Particulars	Service Type	10	Visual Studio	Professional Licensed version supported by OEM
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6	Section V, Clause 5/ Page 48; Data Mirroring Latency	Data Mirroring Latency : The difference between the time data is placed on primary storage and the time the same data is placed on mirrored storage	Data Mirroring Latency clause Deleted												
7	Section V, Clause6 (F) /Page 52;	CRUD Operations: SERVICE PROVIDER to Create, Read, Update, Delete, users based on roles & rights defined by User RECPDCL	The revised clause shall be read as: Operations: SERVICE PROVIDER to Create, Read, Update, Delete, users based on roles & rights defined by User RECPDCL												

Annexure-1
(to be replaced with Annexure A)

Annexure-A: ELIGIBILITY CRITERIA COMPLIANCE ANNEXURE of Section VII (CONTRACT RELATED ANNEXURES) is revised as detailed below:

Sl. No.	Minimum Qualification Criteria	Documents Required	Compliance (Yes/No)	Page Number	Fill Details and submit documentary evidence
1.	Bidder shall be registered under the Companies Act 2013 and its amendments or Companies Act, 1956 or, Partnership Firm (including LLP) registered under the Indian Partnership Act and should have been in existence in India for last 4 financial years ending 31st March, 2022	Copy of the following documents needs to submitted along with the bid: Certificate of Incorporation/ Registration Certificate PAN Card GST Certificate & Documentary proof.			
2.	The bidder shall be the single point of contact for RECPDCL and shall be solely responsible for providing services, support, warranties etc.	A self-undertaking in this respect.			
3.	The Cloud Service Provider (CSP) must be empaneled with the Ministry of Electronics & Information and Technology, Government of India	Valid certificate of Empanelment from Meity as on bid submission date with validity for next 03 months.			
4.	The Cloud Service Provider (CSP) must be certified for: ISO 27001, ISO/IEC 27017:2015, ISO 27018	Valid ISO Certificate on bid submission date.			
5.	The bidder should have ISO 9001:2015 certification. IEC/ ISO 27001 certification and CMMi Level 3 (or above) certifications	Valid ISO Certificate on bid submission date.			
6.	CSP should have accreditations of Service Organization Controls or SOC's (i.e. SOC 1, SOC 2, may be incorporated) relevant to security, availability, confidentiality, processing integrity, and/or	Relevant certificate signed by the authorized signatory.			

Sl. No.	Minimum Qualification Criteria	Documents Required	Compliance (Yes/No)	Page Number	Fill Details and submit documentary evidence
	privacy Trust Services principles				
7.	The bidder must have successfully executed similar cloud project of following value for Government/ Semi Government/ Autonomous Organizations/ Public Sector Utilities/ Private Sector in India as main contractor during the last four financial years of either of the following: Single work order of value of Rs 1.32 Cr. or Two work orders each of value of Rs 0.83 Cr. and till last date of bid submission.	Bidder should submit Copy of Work order/LoA (mandatory) & Any document out of the following: Payment receipts duly certified by CA Proof of release of performance security after completion of the contract Proof of settlement/release of final payment against the contract Certificate for successful completion of work/Performance report by the client.			
8.	The bidders should have average annual turnover of at least an average value of Rs 1.20 Cr. (Rupees One Crore Twenty Lakh Only) during the last four years, ending 31st March of the previous financial year i.e. FY: 2021-22, 2020-21, 2019-20, & 2018-19 and in case of non-availability of audited balance sheet for FY-2021-22, audited balance sheet of FY-2020-21, 2019-20, 2018-19 and 2017-18 shall also be considered. The turnover refers to the individual Bidder and not the composite turnover of its affiliates, subsidiaries / sister concerns or parent company(ies) etc.	Copy of CA certified Audited Balance Sheet for confirmation regarding turnover, to be submitted by the bidder.			
9.	The Bidder must not have been blacklisted by any Government Department/ CPSU/ SPSU/ Banks/	A self-undertaking in this respect.			

Sl. No.	Minimum Qualification Criteria	Documents Required	Compliance (Yes/No)	Page Number	Fill Details and submit documentary evidence
	Autonomous Bodies/Statutory Bodies in India at the time of submission of bid.				
10.	<p>The bidder should be either Primary Cloud Service Provider* (CSP) (or) Authorized Reseller/ channel partner.</p> <p>*The Cloud Service Provider (CSP) should be listed under Ministry of Electronics and Information Technology (MeitY), Govt. Of India Website (http://meity.gov.in/content/gi-cloud-meghraj) for Cloud Service providers (CSPs).</p>	<p>Proof of empanelment with validity.</p> <p>In case bidder being reseller/ channel partner, attach the CSP authorization(s) issued by the CSP for this bid clearly mentioning the bid number, date addressed to RECPDCL for the same.</p>			

Clarification 1: Pre-Bid Clarifications

(Bid Number: GEM/2023/B/3268735 Dated: 15-03-2023)

Subject: Appointment of Service Provider (SP) for Providing Cloud hosting Space & Managed Services and Operations & Maintenance Support in MEITY Empaneled Cloud Server DC for UPPCL Web Applications & Portals

#	Reference Clause or Pg. No.	Bidder's Query	Clause as per RFP	Clarification to bidder
1	RECPDCL/Utility has already procured or has existing software licenses that it intends to deploy and continue using on the cloud,Page:48	Please list the products/services along with their respective OEM names for which the department has procured licenses. Additionally, kindly share the details of all existing licenses for the operating system and database, including their ATS/AMC/support details.	RECPDCL/Utility has already procured or has existing software licenses that it intends to deploy and continue using on the cloud	RfP conditions shall prevail
2	The tentative details of the existing software infra is listed below,Page:48	Please share the number of licenses you have for Microsoft SQL Server and Windows Operating System. Additionally, please provide the details of the ATS details for these licenses and confirm whether you have also purchased Software Assurance for these licenses.	The tentative details of the existing software infra is listed below	RfP conditions shall prevail
3	Application Server - EC2 Instance ;Page:94	The terms "EC2" is specific terms used by AWS. Please rephrase this sentence to be more neutral, compute/server requirement.	"Application Server - EC2 Instance"	The revised clause shall be read as "Application Server - Instance". Please Refer Amendment -1
4	Application Server - vCPU: 16 GHz expandable upto 32 GHz;Page:94	Regarding the requirement of "16 GHz expandable up to 32 GHz", we understand that it refers to the virtual CPU (vCPU) requirement for the Application. The bidder should quote for a minimum of 16 vCPUs, with the ability to expand up to 32 vCPUs as needed.	vCPU: 16 GHz expandable upto 32 GHz;Page:94	Bidder understanding is in line with the RfP. Similarly, same method is applicable for storage data also.
5	Managed Database RDS - MS SQL Server 2012 Std. Edition or latest supported by OEM upto March 2025,Page:94	The term "Managed Database RDS" is a specific term used by AWS. Please rephrase this sentence to be more neutral, such as "A managed database service is required for this project."	Managed Database - RDS - MS SQL Server 2012 Std. Edition or latest supported by OEM upto March 2025	The revised clause shall be read as "Managed Database ".Please Refer Amendment -1

#	Reference Clause or Pg. No.	Bidder's Query	Clause as per RFP	Clarification to bidder										
6	Managed Database RDS - MS SQL Server 2012 Std. Edition or latest supported by OEM upto March 2025,Page:94	As already specified in the RFP, Could you please clarify if the licenses already procured can be utilised under "bring your own license" (BYOL) for this requirement?	Managed Database RDS - MS SQL Server 2012 Std. Edition or latest supported by OEM upto March 2025	It is under the scope of bidder.										
7	Managed Database RDS - MS SQL Server 2012 Std. Edition or latest supported by OEM upto March 2025,Page:94	Regarding the requirement of "16 GHz expandable up to 32 GHz", we understand that it refers to the virtual CPU (vCPU) requirement for the database. The bidder should quote for a minimum of 16 vCPUs, with the ability to expand up to 32 vCPUs as needed.	Managed Database RDS - MS SQL Server 2012 Std. Edition or latest supported by OEM upto March 2025	Bidder understanding is in line with the RFP.										
8	<table border="1"> <tr> <td>1</td> <td>Operating System</td> <td>Licensed Windows Server 2012 or latest edition with support by OEM</td> <td>Per Instance</td> <td>1</td> </tr> <tr> <td>2</td> <td>RDBMS</td> <td>RDBMS - MS SQL Server 2012 Std. Edition or latest supported by OEM upto March 2025</td> <td>Nos</td> <td>16</td> </tr> </table> Page:	1	Operating System	Licensed Windows Server 2012 or latest edition with support by OEM	Per Instance	1	2	RDBMS	RDBMS - MS SQL Server 2012 Std. Edition or latest supported by OEM upto March 2025	Nos	16	In the Row 1 & 2 of the above table (in RFP) you have already asked VM with windows and database with MSSQL. Please confirm if these requirement are separate or they are part of above mentioned VM & Database.		They are part of above mentioned VM & Database, not Separated.
1	Operating System	Licensed Windows Server 2012 or latest edition with support by OEM	Per Instance	1										
2	RDBMS	RDBMS - MS SQL Server 2012 Std. Edition or latest supported by OEM upto March 2025	Nos	16										
9	Hosting Security	Please confirm is there any SSL certificate is required for hosting security	Hosting Security	Yes										
10	Privacy and Security Safeguard,Page:50	Please confirm VPN is required for network security. If yes, then how many users will interact with server	Privacy and Security Safeguard,Page:50	Yes (max 10 users)										
11	Backup,Page:94	Please describe the details about backup licenses	backup,Page:94	RFP conditions shall prevail										
12	QR	we request you to kindly remove the clause of CMMI Level 3 from qualification criteria as this is related to software work.	QR	RFP conditions shall prevail										
13		Will these systems be new build or required data migration?	General,Operating System level,Databaseand DR Questions	RFP conditions shall prevail										
14		What is your expected SLA?		RFP conditions shall prevail										
15		What is the scope of SAP Basis support you are looking for?		RFP conditions shall prevail										
16		To where are you planning to migrate your SAP systems, Public Cloud or Virtual Private Cloud (VPC)? For VPC, a dedicated VPN connection is required.		RFP conditions shall prevail										
17		When do you expect the Cloud services to be deployed?		RFP conditions shall prevail										

#	Reference Clause or Pg. No.	Bidder's Query	Clause as per RFP	Clarification to bidder
18	General, Operating System level, Database and DR Questions	If data migration is required, what is your downtime window for data migration? Please provide the specifics for both production and non-production systems.		Second Saturday of the current month
19		What is your backup requirement? Please provide the specifics for both production and non-production systems.		RfP conditions shall prevail
20		What is the platform on which application is built. Example .net, Java, etc..		dot net
21		What is the expected users traffic.		RfP conditions shall prevail
22		In the proposed details application quantity is mentioned as one; what about high availability of application?		RfP conditions shall prevail
23		Load distribution architecture for the application is required or not?		RfP conditions shall prevail
24		Database qty is mentioned as 1, should we plan for database redundancy?		RfP conditions shall prevail
25		Is the application needs a specific IOPS for performance. If yes pls mention the IOPS performance required?		RfP conditions shall prevail
26		What are your current systems' OS level? (Windows, AIX, Linux, Solaris, etc.)		RfP conditions shall prevail
27		Locations where the current systems are hosted?		RfP conditions shall prevail
28		What will be the target operating systems you are looking for? (if not applicable, please enter N/A)		RfP conditions shall prevail
29		What database are your current systems running on? (Oracle, MS SQL, DB2, Sybase, etc.)		RfP conditions shall prevail
30		What is the database storage size per SAP system?		RfP conditions shall prevail
31		What are the target database system you are looking for? (if not applicable, please enter N/A)		RfP conditions shall prevail
32		What are the expected Database growth rate, quarterly and/or yearly?		10 GB Per Month
33		What is your current Disaster Recovery solution? Describe any software or hardware replication method used currently.		DR not required, RfP conditions shall prevail for more clarity
34		What is your expected DR's RTO/RPO?		DR not required, RfP conditions shall prevail for more clarity
35	What is your DR test frequency?		DR not required, RfP conditions shall prevail for more clarity	

#	Reference Clause or Pg. No.	Bidder's Query	Clause as per RFP	Clarification to bidder																		
36		Where will the users log in from once DR is declared?		DR not required, RfP conditions shall prevail for more clarity																		
37		What is the backup requirement at the DR site?		DR not required, RfP conditions shall prevail for more clarity																		
38	Annexure I (BDS): Procedure for submission of Financial Bid (Through GeM portal),Page:45	As per documents section of GeM Portal, there is no option provided for uploading of Price Bid (Screenshot of GeM Portal of Documents Section is attached for reference.) It is suggested that either the option to upload Price Bid may be provided on GeM Portal and if same is not feasible then hard copy of Price Bid in a separate sealed envelope may be called from the bidders.	3. Bidders are required to duly fill the financial bid in excel format. GeM portal does not allow uploading of MS excel file while uploading bids on GeM portal. Accordingly, Bidders are required to Print the aforesaid duly filled format inter-alia including Programmed excel file(s) (for Financial bid), Sign & Stamp on each page and Upload in pdf format only as per the provisions available on the GeM portal. Bidder shall ensure that the uploaded documents (in the pdf format) are properly readable.	RfP conditions shall prevail																		
39	<table border="1"> <thead> <tr> <th>vCores</th> <th>RAM (GB)</th> <th>Storage space (GB)</th> <th>OS with Version & Edition</th> <th>Database Version & Edition</th> <th>Application Details</th> </tr> </thead> <tbody> <tr> <td>1x14</td> <td>320</td> <td>5 TB</td> <td>Window server 2012 Std Edition</td> <td>MSSQL SERVER 2014</td> <td>Dot Net</td> </tr> <tr> <td></td> <td></td> <td>3 TB (Shared)</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	vCores	RAM (GB)	Storage space (GB)	OS with Version & Edition	Database Version & Edition	Application Details	1x14	320	5 TB	Window server 2012 Std Edition	MSSQL SERVER 2014	Dot Net			3 TB (Shared)				For upgradation of existng system license RECPDCL needs to have active subscription and software assurance of that respective software so as to use it on Cloud VM's or upgrade from current version to newer version. Also, upgrade of the software versions depends upon the support from the respective OEM's, if the existing software version is more than 2-3 older versions below then upgrading it to the latest version may or may not be supported. Hence, we would request that RECPDCL to arrange for all the required support from the respective software OEM's for deployment on cloud and to upgrade it to the latest versions.	3. Software Licenses- • RECPDCL/Utility has already procured or has existing software licenses that it intends to deploy and continue using on the cloud. • IT upgrades are required for the existing licenses (to the latest versions) by the SP.	RfP conditions shall prevail
vCores	RAM (GB)	Storage space (GB)	OS with Version & Edition	Database Version & Edition	Application Details																	
1x14	320	5 TB	Window server 2012 Std Edition	MSSQL SERVER 2014	Dot Net																	
		3 TB (Shared)																				

#	Reference Clause or Pg. No.	Bidder's Query	Clause as per RFP	Clarification to bidder
40	Page:48	<p>Windows server 2012 std edition will become end of support before 2025, hence CSP/MSP can provide support to there best of knowledge and efforts, however, in absence of OEM support there can be vulnerabilities in the older versions which can led to severe security threats to the system, hence request to upgrade the older versions to the newer versions or request to add a new line item in bill of material about new license, so that CSP/MSP can propose for the newer versions. However, application compatibility and testing will be RECPDCL's responsibility.</p> <p>Same is applicable with DOT NET, hence request to upgrade the older versions to the newer versions or request to add a new line item in bill of material about new license, so that CSP/MSP can propose for the newer versions. However, application compatibility and testing will be RECPDCL's responsibility.</p>		RfP conditions shall prevail,For migrating the software to any version different from existing, compatibility test will be needed
41	Page:48	<p>Please elaborate further on Data mirroring Latency parameters expected with respect to the overall solution deployment.</p>	<p>Data Mirroring Latency : The difference between the time data is placed on primary storage and the time the same data is placed on mirrored storage</p>	Clause of Data Mirroring Latency :deleted.Please Refer Amendment - 1
42	Page:49	<p>Please share the details of middleware for which PaaS services are expected.</p>	<p>6. Responsibility of the Service Providers A. Procurement of Platform Services •The SERVICE PROVIDER shall be responsible for to provide infrastructure and platform service(s) (such as middleware) to run the applications created using programming languages, libraries, services, and\ tools supported by the SERVICE PROVIDER, on selection of PaaS Cloud Service Model by the User Department.</p>	Middleware is not utilised currently

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43	Page:50	In the commercial format, there is only WAF & Anti-virus mentioned as part of security, there is no provision to propose for security solutions as per MEITY guidelines. Request to add the respective line items in the commercial format so that all bidders will be on same page and RECPDCL will get all the required security services as per MEITY's guidelines.	C. Security Administration and monitoring Security Incidents <ul style="list-style-type: none"> • Properly implementing anti-malware and host-based intrusion detection systems on their instances, as well as any required network-based intrusion detection systems in accordance with the Government RECPDCL/UTILITY policies. 	This is minimum requirement, however bidder needs to meet the MEITY guidelines and propose security solution accordingly
44	Page:52	The scope mentioned here does not clearly mentions about Disaster recovery services, however it seems Disaster recovery services are also required. Hence request to consider defining DC & DR site in different seismic zone, atleast two DR drills in year with all production activities performed from DR site during the DR drills. This way RECPDCL can get ensured that DR is in place and is ready to take up DC responsibilities in case of any eventualities at any given point of time.	E. Backup <ul style="list-style-type: none"> • Off-site backup requirement that still meets the prescribed RTO requirements> 	RfP conditions shall prevail
45	Page:54	Please update us with the application details and current IT landscape to provide application management tool to address this clause.	A. Monitoring Tools <ul style="list-style-type: none"> • Implement necessary tools to monitor the root cause for performance degradation of any applications. User RECPDCL should be able to analyze whether issue is actually an Application issue or Hosting/hardware/Bandwidth issue. 	Requirement not clear. Existing environment - S.P Dotnet (4.5 version), ISS-8.5 version, rest of the details will be provided post award of work
46	Page:56	There can be additional requirement of new license for the older software versions or buying additional subscription, which cannot be confirmed today as bidders are not aware of the software's and its versions and there OEM support availability, hence all these things carry huge cost and cannot be included in commercials or supplied without charging anything. Request to relax or update this clause by stating any new procurement with respect to upgrade of software license will be taken care by RECPDCL.	•A. Future Updates: The Successful bidder is required to upgrade OS, DB, any other Software provided by them for providing cloud environment and for 3rd party software upgradation, successful bidder/CPS has to provide all necessary support to developer / third party vendor in installation and configure any upgrade <ul style="list-style-type: none"> • All the incidental expenses for making systems operational will be the sole responsibility of select vendor without any additional cost. 	RfP conditions shall prevail

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47	Page:65	Request to relax these payment terms, as bidders have not got chance to study the application and over all landscape, so cannot estimate the time and efforts required also compatibility needs to be checked. All these factors are not in control of bidder at the time of bidding and so restricting payments for running applications successfully for 2 billing cycle means 6 months (as payment is on quarterly basis) is not justifiable. Hence request to relax this clause by accepting the infrastructure as required by RECPDCL and releasing the payments with respect to the cloud infrastructure provisioned.	(b) Payment Mechanism 4.2.4. Payment shall start after completion of following activities which includes but not limited to:	RfP conditions shall prevail
48	Transportation	Please specify the clause if it will be migrated on cloud , why we need this clause of transport	14.4.1 The SP shall at its own risk and expense transport all the SP's equipment to the Site by the mode of transport that the SP judges most suitable under all the circumstances.	It is a general clause, will only be applicable in case any hardware needs to be delivered under the RfP
49	Page:95	Please specify exact users using VPN and bandwidth required.	Site to site VPN restricted between 9AM to 8 PM	10 Users,100MBPS
50	Page:95	OS license is core based not instance based so please specify how many servers required with exact cores required.	Operating System Licensed Windows Server 2012 or latest edition with support by OEM (Per Instance)	Currently in RfP are used mentioned, however bidder need to asses the further requirement in order to meet the desired SLA's
51	Page:95	license is core based not instance based so please specify how many servers required with exact cores required.	RDBMS - MS SQL Server 2012 Std. Edition or latest supported by OEM upto March 2025	Currently in RfP are used mentioned, however bidder need to asses the further requirement in order to meet the desired SLA's
52	General,Operating System level,Databaseand DR Questions	Please share required bandwidth for MPLS	General queries	50 MBPs ILL is running currently, however SP needs to envisaged the performance and provide to meet the desired SLA
53	General,Operating System level,Databaseand DR Questions	Please specify Current ISP/ on prem location and application details as well as IT landscape for this migration	One time Migration efforts	In-house setup of broadband with 50MBS speed
54	General,Operating System level,Databaseand DR Questions	Request to relax this clause and remove the reverse auction process.	Reverse Auction	RfP conditions shall prevail
55	General,Operating System level,Databaseand DR Questions	Community edition is no longer supported and available hence request to add an additional line item in commercial format to quote for this line item.	Visual Studio community version 2013	Professional Licensed version supported by OEM.Please Refer Amendment -1

#	Reference Clause or Pg. No.	Bidder's Query	Clause as per RFP	Clarification to bidder
56	General, Operating System level, Database and DR Questions	Please share exact count of VMs/VPN connections / Internet bandwidth to get fair idea of commercial.	Count of line Items	VM: 2 (VPN: 10 Users, 100MBPS) Bandwidth: 50 MBPs ILL is running currently, however SP needs to envisaged the performance and provide to meet the desired SLA
57	Page:42	This is to inform you that, as per GEM GTC condition, bidders can submit the EMD in the form of the BG, request that you please allow the EMD in the BG form as well.	EMD exemption allowed to Micro and Small Enterprises (MSEs), National Small Industries Corporation Limited (NSIC), Start-Ups etc. As applicable as per prevailing Government of India norms and guidelines. In the absence/Non-Submission of Earnest Money Deposit, such bid shall be rejected straightway. Bid shall be accompanied by an Earnest Money Deposit of ₹2,50,000/- Rupees Two Lakh Fifty Thousand only/-.) in form of Demand Draft drawn from an Indian Scheduled Commercial Bank in favor of 'REC Power Development and Consultancy Limited' payable at New Delhi with validity as per BID validity period or Bank Guarantee as per format. Cheques, Money Orders or Cash etc. shall not be accepted as EMD. The Service provider are requested to make sure to indicate the	RFP conditions shall prevail
58	Page:8	We request to department, please amend this clause as under The bidder must have successfully executed similar cloud project of following value for Government/ Semi Government/ Autonomous Organizations/ Public Sector Utilities/ Private Sector in India as main contractor during the last four financial years of either of the following: Single work order of value of Rs 50 Lakhs or Two work orders each of value of Rs 25 Lakh and till last date of bid submission.	Eligibility Criteria - The bidder must have successfully executed similar cloud project of following value for Government/ Semi Government/ Autonomous Organizations/ Public Sector Utilities/ Private Sector in India as main contractor during the last four financial years of either of the following: Single work order of value of Rs 1.32 Cr. or Two work orders each of value of Rs 0.83 Cr. and till last date of bid submission.	RFP conditions shall prevail

#	Reference Clause or Pg. No.	Bidder's Query	Clause as per RFP	Clarification to bidder
59	Page:9	As per the stated clause, please suggest that bidders be exempted from experience criteria.	<ul style="list-style-type: none"> MSEs registered with Micro, Small and Medium Enterprises (MSME)/National Small Industries Corporation Limited (NSIC) Start-Ups etc. Or as applicable as per prevailing Government of India norms and guidelines. 	Government of India norms and guidelines to be followed
60	Page:28	Please suggest the bidder's have to submit the bid in hardcopy as well.	The hard copies to be submitted as per ITB 17.3 shall be in original and/ or attested as may be specified in BDS	Not mandatory except EMD, and Documents/Annexure explicitly asked or required on stamp paper
61	Page:44	We request that the department evaluate the bid on a L1 basis without conducting any RA.	e- Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA.	RfP conditions shall prevail
62	Page:46	As there is no resource count available in the document and the bidder needs to provide a dedicated team, we request that you please share the existing application and database details so that, we can calculate the efforts for migration and hosting.	Dedicated team should be available to help in during migration and hosting the App on cloud and during UAT/Go-Live.	4 TB database size
63	Page:47	Please elaborate on which software upgrades and enhancements are required from the bidder.	The Bidder/select vendor is required to provide, install and commission all cloud related software up gradations/ enhancements from time to time, during project duration free of cost to Purchaser/RECPDCL.	Bidder needs to envisaged the requirements to meet SLA, minimum requirement of software version is mentioned at ANNEXURE – B : FINANCIAL-BID
64	Page:95	The latest Visual Studio version is always available with OEM, so please suggest What support is required from the OEM Visual Studio Community version?	Visual Studio community version 2013 Free/Community version	Professional Licensed version supported by OEM.Please Refer Amendment -1
65	Page:95	What OEM support is required for the WinZip Community version?	WinZip Community version / WinRAR community Free/Community version	Free version is required
66	Page:95	What OEM support is required in the community version of Microsoft Excel 2016?	MS Excel license 2016/above Community version	Professional licensed version supported by OEM.Please Refer Amendment -1
67	Page:95	Please share the list of existing application details and their technology stack, along with details of the databases that need to be migrated.	One time Migration efforts Migration of application and 8 TB data	All are dot net applications hosted on IIS Server and SQL server 2012 with 5 database along aproximalty 4 TB Data Size

#	Reference Clause or Pg. No.	Bidder's Query	Clause as per RFP	Clarification to bidder
68	Page:54	Please suggest the location from one location to another for P2P. Also, please suggest where we need to quote for MPLS and P2P in the commercial quote.	Monitor Internet links, Replication links, MPLS, P2P (as applicable), including but not limited to Bandwidth utilization	It will be posted on the cloud, and shall be access through VPN
69	Page:53	Please suggest who will bear the cost of a third-party audit.	Support Third Party Audit and other requirements:	Bidder Needs to bear any cost implication related to Third Party Audit if carried out in future
70	Page:58	Please suggest which hardware CMAC requires.	Comprehensive Warranty Maintenance/Support Period starts for resources (hardware/software) after completion of Joint Acceptance testing	It is a general clause, will only be applicable in case any hardware needs to be delivered under the RfP
71	SCOPE OF WORK	Requesting Customer to Kindly clarify whether The existing setup is hosted on a virtual or a baremetal server?		Virtual server
72	SCOPE OF WORK	Requesting Customer to Kindly clarify "What will be the approach of migration it will be lift, shift or manual.		As envisaged by bidder in order to meet derived timeline and SLA
73	SCOPE OF WORK	Requesting Customer to Kindly clarify -What is the current consumed size of App & DB Data		Aproximately 4 TB
74	SCOPE OF WORK	Requesting Customer to Kindly give clarity on existing backup of the server, what is the software used to take the backup and how is it configured, Image level or File level & what is the frequency of back up		Based on the proposed solution it will be decided
75	Back Up	Requesting Customer to Kindly clarify What could be the prescribed RTO for Off-site backup requirement		Refer clause no.6 (E) under section-V for more clarity
76	FINANCIAL-BID	Requesting Customer to Kindly clarify -What will be the required throughput of HTTP and HTTPS (WAF) traffic respectively & also of firewall		HTTPS, certificate and other details will be provided by RECPDCL post work of work
77	FINANCIAL-BID	Requesting Customer to Kindly clarify What will be the total number of VPN users will access the hosted application.		10 Users
78	2. Time Schedule	How much bandwidth needs to be factored for migration of data; Because this will be directly proportional to the Size of the Link, Firewall Throughput and Number of days for completion e.g. 8TB of data migration on 20Mb link will take approx. 38 Days		Bidder Needs to access the same and needs to follow the Time schedule as mentioned in RfP

#	Reference Clause or Pg. No.	Bidder's Query	Clause as per RFP	Clarification to bidder
79	ANNEXURE – B : FINANCIAL-BID Site to site VPN restricted between 9AM to 8 PM	The assumption is bidder will require only S2S tunnel and doesn't need any Client to Site Tunnel[i.e. SSL VPN]		Bidder understanding is in line with the RFP
80	ANNEXURE – B : FINANCIAL-BID Application Install: Visual Studio community version 2013, WinZip Community version / WinRAR community, MS Excel license 2016/above	The CSP provides Infra upto the OS and DB Layer. Our suggestion if the Application vendor installs and manages these applications as these are free ware and open source and licences will be provided by bidder.		RFP conditions shall prevail
81	1.Broad Scope of work Logical Level – Firewalls, Intrusion Detection, Anti-virus, etc.	Could you please comment if you need one of the following: 1. State Full Firewall 2. Advanced Threat Protection 3. Or Unified Threat Protection		Bidder needs to provide basic protection for threats and security while needs to envisaged the solution and propose accordingly
82	1.Broad Scope of work App shall be used for 6000 end users with user concurrency of 80% and some point of time in a month	Do you have per user bandwidth sizing or we continue using 20M bandwidth if that was sufficient in the current landscape		Bidder needs to envisaged the requirements to meet SLA
83	General,Operating System level,Databaseand DR Questions	A. Usage Reporting and Billing Management •CRUD Operations: SERVICE PROVIDER to Create, Read, Update, Delete, users based on roles & rights defined by User RECPDCL		Please Refer Amendment -1