

Commercial bid for empanelment of Service Providers for providing Cloud Services			
	Name of Firm		
Important instructions:			
<p>1. Only purple cells need to be filled by the bidder.</p> <p>2. The bidder is free to quote rate of any or all the items.</p> <p>3. Write NO if you are not offering the line item.</p> <p>4. Write FREE if you are offering a line item free of cost i.e. Zero cost and you will not charge for offering the services for the corresponding line item.</p> <p>5. Rates can be quoted upto any number of decimal places.</p> <p>6. If any cell is left empty, it would mean that the bidder is not willing to offer the services for the corresponding line item.</p> <p>7. If anything else is mentioned in the unit rate column then the bid for that line item would be rejected.</p> <p>8. If the bidder writes NO or leaves cell empty or writes invalid text for a line item, then the bidder will not be considered for a particular requirement where that line item is required.</p> <p>9. All unit rates to be quoted in INR excluding taxes. Taxes will be paid extra as applicable.</p> <p>10. The cost for the following facilities should be included while quoting the prices: Autoscaling, Firewalls (except Web Application Firewall), Routing, Subnets, Antivirus & Antimalware, Anti DDoS Mitigation, Resource (e.g., VM, Storage) Utilization Monitoring, Identity Access Management System with MFA for Cloud administration, Data Encryption at Rest, OS Patch Management System, Data Transfer In, Public IP Address, Cloud Management & Monitoring Dashboard, Cost and usage reporting.</p>			
Sl. No.	Items (with minimum specifications)	Unit of measurement	Unit Rate (in Rs.) (excluding taxes)
Open Linux Server (CentOS / Ubuntu / Debian / etc.)			
1	VM - 1 Core, 2 GB RAM or higher	per hour	
2	VM - 2 Core, 4 GB RAM or higher	per hour	
3	VM - 2 Core, 8 GB RAM or higher	per hour	
4	VM - 4 Core, 8 GB RAM or higher	per hour	
5	VM - 4 Core, 16 GB RAM or higher	per hour	
6	VM - 4 Core, 30 GB RAM or higher	per hour	
7	VM - 8 Core, 16 GB RAM or higher	per hour	
8	VM - 8 Core, 32 GB RAM or higher	per hour	
9	VM - 8 Core, 60 GB RAM or higher	per hour	
10	VM - 16 Core, 32 GB RAM or higher	per hour	

11	VM - 16 Core, 56 GB RAM or higher	per hour	
12	VM - 16 Core, 112 GB RAM or higher	per hour	
13	VM - 32 Core, 128 GB RAM or higher	per hour	
14	VM - 32 Core, 244 GB RAM or higher	per hour	
Linux Server (RHEL)			
15	VM - 1 Core, 2 GB RAM or higher	per hour	
16	VM - 2 Core, 4 GB RAM or higher	per hour	
17	VM - 2 Core, 8 GB RAM or higher	per hour	
18	VM - 4 Core, 8 GB RAM or higher	per hour	
19	VM - 4 Core, 16 GB RAM or higher	per hour	
20	VM - 4 Core, 30 GB RAM or higher	per hour	
21	VM - 8 Core, 16 GB RAM or higher	per hour	
22	VM - 8 Core, 32 GB RAM or higher	per hour	
23	VM - 8 Core, 60 GB RAM or higher	per hour	
24	VM - 16 Core, 32 GB RAM or higher	per hour	
25	VM - 16 Core, 56 GB RAM or higher	per hour	
26	VM - 16 Core, 112 GB RAM or higher	per hour	
27	VM - 32 Core, 128 GB RAM or higher	per hour	
28	VM - 32 Core, 244 GB RAM or higher	per hour	
Windows Server			
29	VM - 1 Core, 2 GB RAM or higher	per hour	
30	VM - 2 Core, 4 GB RAM or higher	per hour	
31	VM - 2 Core, 8 GB RAM or higher	per hour	
32	VM - 4 Core, 8 GB RAM or higher	per hour	
33	VM - 4 Core, 16 GB RAM or higher	per hour	
34	VM - 4 Core, 30 GB RAM or higher	per hour	
35	VM - 8 Core, 16 GB RAM or higher	per hour	
36	VM - 8 Core, 32 GB RAM or higher	per hour	
37	VM - 8 Core, 60 GB RAM or higher	per hour	
38	VM - 16 Core, 32 GB RAM or higher	per hour	
39	VM - 16 Core, 56 GB RAM or higher	per hour	
40	VM - 16 Core, 112 GB RAM or higher	per hour	
41	VM - 32 Core, 128 GB RAM or higher	per hour	
42	VM - 32 Core, 244 GB RAM or higher	per hour	
Containers - Open Linux Server (CentOS / Ubuntu / Debian / etc.)			
43	VM - 1 Core, 2 GB RAM or higher	per hour	
44	VM - 2 Core, 4 GB RAM or higher	per hour	

45	VM - 2 Core, 8 GB RAM or higher	per hour	
46	VM - 4 Core, 8 GB RAM or higher	per hour	
47	VM - 4 Core, 16 GB RAM or higher	per hour	
48	VM - 4 Core, 30 GB RAM or higher	per hour	
49	VM - 8 Core, 16 GB RAM or higher	per hour	
50	VM - 8 Core, 32 GB RAM or higher	per hour	
51	VM - 8 Core, 60 GB RAM or higher	per hour	
52	VM - 16 Core, 32 GB RAM or higher	per hour	
53	VM - 16 Core, 56 GB RAM or higher	per hour	
54	VM - 16 Core, 112 GB RAM or higher	per hour	
55	VM - 32 Core, 128 GB RAM or higher	per hour	
56	VM - 32 Core, 244 GB RAM or higher	per hour	
Containers - Linux Server (RHEL)			
57	VM - 1 Core, 2 GB RAM or higher	per hour	
58	VM - 2 Core, 4 GB RAM or higher	per hour	
59	VM - 2 Core, 8 GB RAM or higher	per hour	
60	VM - 4 Core, 8 GB RAM or higher	per hour	
61	VM - 4 Core, 16 GB RAM or higher	per hour	
62	VM - 4 Core, 30 GB RAM or higher	per hour	
63	VM - 8 Core, 16 GB RAM or higher	per hour	
64	VM - 8 Core, 32 GB RAM or higher	per hour	
65	VM - 8 Core, 60 GB RAM or higher	per hour	
66	VM - 16 Core, 32 GB RAM or higher	per hour	
67	VM - 16 Core, 56 GB RAM or higher	per hour	
68	VM - 16 Core, 112 GB RAM or higher	per hour	
69	VM - 32 Core, 128 GB RAM or higher	per hour	
70	VM - 32 Core, 244 GB RAM or higher	per hour	
Containers - Windows Server			
71	VM - 1 Core, 2 GB RAM or higher	per hour	
72	VM - 2 Core, 4 GB RAM or higher	per hour	
73	VM - 2 Core, 8 GB RAM or higher	per hour	
74	VM - 4 Core, 8 GB RAM or higher	per hour	
75	VM - 4 Core, 16 GB RAM or higher	per hour	
76	VM - 4 Core, 30 GB RAM or higher	per hour	
77	VM - 8 Core, 16 GB RAM or higher	per hour	
78	VM - 8 Core, 32 GB RAM or higher	per hour	
79	VM - 8 Core, 60 GB RAM or higher	per hour	
80	VM - 16 Core, 32 GB RAM or higher	per hour	

81	VM - 16 Core, 56 GB RAM or higher	per hour	
82	VM - 16 Core, 112 GB RAM or higher	per hour	
83	VM - 32 Core, 128 GB RAM or higher	per hour	
84	VM - 32 Core, 244 GB RAM or higher	per hour	
Database - Open Source (Postgres / MySQL / etc)			
85	VM - 1 Core, 2 GB RAM or higher	per hour	
86	VM - 2 Core, 4 GB RAM or higher	per hour	
87	VM - 2 Core, 8 GB RAM or higher	per hour	
88	VM - 4 Core, 8 GB RAM or higher	per hour	
89	VM - 4 Core, 16 GB RAM or higher	per hour	
90	VM - 4 Core, 30 GB RAM or higher	per hour	
91	VM - 8 Core, 16 GB RAM or higher	per hour	
92	VM - 8 Core, 32 GB RAM or higher	per hour	
93	VM - 8 Core, 60 GB RAM or higher	per hour	
94	VM - 16 Core, 32 GB RAM or higher	per hour	
95	VM - 16 Core, 56 GB RAM or higher	per hour	
96	VM - 16 Core, 112 GB RAM or higher	per hour	
97	VM - 32 Core, 128 GB RAM or higher	per hour	
98	VM - 32 Core, 244 GB RAM or higher	per hour	
Database - MS SQL Standard Edition			
99	VM - 1 Core, 2 GB RAM or higher	per hour	
100	VM - 2 Core, 4 GB RAM or higher	per hour	
101	VM - 2 Core, 8 GB RAM or higher	per hour	
102	VM - 4 Core, 8 GB RAM or higher	per hour	
103	VM - 4 Core, 16 GB RAM or higher	per hour	
104	VM - 4 Core, 30 GB RAM or higher	per hour	
105	VM - 8 Core, 16 GB RAM or higher	per hour	
106	VM - 8 Core, 32 GB RAM or higher	per hour	
107	VM - 8 Core, 60 GB RAM or higher	per hour	
108	VM - 16 Core, 32 GB RAM or higher	per hour	
109	VM - 16 Core, 56 GB RAM or higher	per hour	
110	VM - 16 Core, 112 GB RAM or higher	per hour	
111	VM - 32 Core, 128 GB RAM or higher	per hour	
112	VM - 32 Core, 244 GB RAM or higher	per hour	
Database - MS SQL Enterprise Edition			
113	VM - 1 Core, 2 GB RAM or higher	per hour	
114	VM - 2 Core, 4 GB RAM or higher	per hour	

115	VM - 2 Core, 8 GB RAM or higher	per hour	
116	VM - 4 Core, 8 GB RAM or higher	per hour	
117	VM - 4 Core, 16 GB RAM or higher	per hour	
118	VM - 4 Core, 30 GB RAM or higher	per hour	
119	VM - 8 Core, 16 GB RAM or higher	per hour	
120	VM - 8 Core, 32 GB RAM or higher	per hour	
121	VM - 8 Core, 60 GB RAM or higher	per hour	
122	VM - 16 Core, 32 GB RAM or higher	per hour	
123	VM - 16 Core, 56 GB RAM or higher	per hour	
124	VM - 16 Core, 112 GB RAM or higher	per hour	
125	VM - 32 Core, 128 GB RAM or higher	per hour	
126	VM - 32 Core, 244 GB RAM or higher	per hour	
Database - MS SQL Web Edition			
127	VM - 1 Core, 2 GB RAM or higher	per hour	
128	VM - 2 Core, 4 GB RAM or higher	per hour	
129	VM - 2 Core, 8 GB RAM or higher	per hour	
130	VM - 4 Core, 8 GB RAM or higher	per hour	
131	VM - 4 Core, 16 GB RAM or higher	per hour	
132	VM - 4 Core, 30 GB RAM or higher	per hour	
133	VM - 8 Core, 16 GB RAM or higher	per hour	
134	VM - 8 Core, 32 GB RAM or higher	per hour	
135	VM - 8 Core, 60 GB RAM or higher	per hour	
136	VM - 16 Core, 32 GB RAM or higher	per hour	
137	VM - 16 Core, 56 GB RAM or higher	per hour	
138	VM - 16 Core, 112 GB RAM or higher	per hour	
139	VM - 32 Core, 128 GB RAM or higher	per hour	
140	VM - 32 Core, 244 GB RAM or higher	per hour	
Database - Oracle Standard Edition			
141	VM - 1 Core, 2 GB RAM or higher	per hour	
142	VM - 2 Core, 4 GB RAM or higher	per hour	
143	VM - 2 Core, 8 GB RAM or higher	per hour	
144	VM - 4 Core, 8 GB RAM or higher	per hour	
145	VM - 4 Core, 16 GB RAM or higher	per hour	
146	VM - 4 Core, 30 GB RAM or higher	per hour	
147	VM - 8 Core, 16 GB RAM or higher	per hour	
148	VM - 8 Core, 32 GB RAM or higher	per hour	
149	VM - 8 Core, 60 GB RAM or higher	per hour	

150	VM - 16 Core, 32 GB RAM or higher	per hour	
151	VM - 16 Core, 56 GB RAM or higher	per hour	
152	VM - 16 Core, 112 GB RAM or higher	per hour	
153	VM - 32 Core, 128 GB RAM or higher	per hour	
154	VM - 32 Core, 244 GB RAM or higher	per hour	
Managed Database - Open Source (Postgres / MySQL / etc)			
155	VM - 1 Core, 2 GB RAM or higher	per hour	
156	VM - 2 Core, 4 GB RAM or higher	per hour	
157	VM - 2 Core, 8 GB RAM or higher	per hour	
158	VM - 4 Core, 8 GB RAM or higher	per hour	
159	VM - 4 Core, 16 GB RAM or higher	per hour	
160	VM - 4 Core, 30 GB RAM or higher	per hour	
161	VM - 8 Core, 16 GB RAM or higher	per hour	
162	VM - 8 Core, 32 GB RAM or higher	per hour	
163	VM - 8 Core, 60 GB RAM or higher	per hour	
164	VM - 16 Core, 32 GB RAM or higher	per hour	
165	VM - 16 Core, 56 GB RAM or higher	per hour	
166	VM - 16 Core, 112 GB RAM or higher	per hour	
167	VM - 32 Core, 128 GB RAM or higher	per hour	
168	VM - 32 Core, 244 GB RAM or higher	per hour	
Managed Database - MS SQL Standard Edition			
169	VM - 1 Core, 2 GB RAM or higher	per hour	
170	VM - 2 Core, 4 GB RAM or higher	per hour	
171	VM - 2 Core, 8 GB RAM or higher	per hour	
172	VM - 4 Core, 8 GB RAM or higher	per hour	
173	VM - 4 Core, 16 GB RAM or higher	per hour	
174	VM - 4 Core, 30 GB RAM or higher	per hour	
175	VM - 8 Core, 16 GB RAM or higher	per hour	
176	VM - 8 Core, 32 GB RAM or higher	per hour	
177	VM - 8 Core, 60 GB RAM or higher	per hour	
178	VM - 16 Core, 32 GB RAM or higher	per hour	
179	VM - 16 Core, 56 GB RAM or higher	per hour	
180	VM - 16 Core, 112 GB RAM or higher	per hour	
181	VM - 32 Core, 128 GB RAM or higher	per hour	
182	VM - 32 Core, 244 GB RAM or higher	per hour	
Managed Database - MS SQL Enterprise Edition			
183	VM - 1 Core, 2 GB RAM or higher	per hour	

184	VM - 2 Core, 4 GB RAM or higher	per hour	
185	VM - 2 Core, 8 GB RAM or higher	per hour	
186	VM - 4 Core, 8 GB RAM or higher	per hour	
187	VM - 4 Core, 16 GB RAM or higher	per hour	
188	VM - 4 Core, 30 GB RAM or higher	per hour	
189	VM - 8 Core, 16 GB RAM or higher	per hour	
190	VM - 8 Core, 32 GB RAM or higher	per hour	
191	VM - 8 Core, 60 GB RAM or higher	per hour	
192	VM - 16 Core, 32 GB RAM or higher	per hour	
193	VM - 16 Core, 56 GB RAM or higher	per hour	
194	VM - 16 Core, 112 GB RAM or higher	per hour	
195	VM - 32 Core, 128 GB RAM or higher	per hour	
196	VM - 32 Core, 244 GB RAM or higher	per hour	
Managed Database - MS SQL Web Edition			
197	VM - 1 Core, 2 GB RAM or higher	per hour	
198	VM - 2 Core, 4 GB RAM or higher	per hour	
199	VM - 2 Core, 8 GB RAM or higher	per hour	
200	VM - 4 Core, 8 GB RAM or higher	per hour	
201	VM - 4 Core, 16 GB RAM or higher	per hour	
202	VM - 4 Core, 30 GB RAM or higher	per hour	
203	VM - 8 Core, 16 GB RAM or higher	per hour	
204	VM - 8 Core, 32 GB RAM or higher	per hour	
205	VM - 8 Core, 60 GB RAM or higher	per hour	
206	VM - 16 Core, 32 GB RAM or higher	per hour	
207	VM - 16 Core, 56 GB RAM or higher	per hour	
208	VM - 16 Core, 112 GB RAM or higher	per hour	
209	VM - 32 Core, 128 GB RAM or higher	per hour	
210	VM - 32 Core, 244 GB RAM or higher	per hour	
Managed Database - Oracle Standard Edition			
211	VM - 1 Core, 2 GB RAM or higher	per hour	
212	VM - 2 Core, 4 GB RAM or higher	per hour	
213	VM - 2 Core, 8 GB RAM or higher	per hour	
214	VM - 4 Core, 8 GB RAM or higher	per hour	
215	VM - 4 Core, 16 GB RAM or higher	per hour	
216	VM - 4 Core, 30 GB RAM or higher	per hour	
217	VM - 8 Core, 16 GB RAM or higher	per hour	
218	VM - 8 Core, 32 GB RAM or higher	per hour	

219	VM - 8 Core, 60 GB RAM or higher	per hour	
220	VM - 16 Core, 32 GB RAM or higher	per hour	
221	VM - 16 Core, 56 GB RAM or higher	per hour	
222	VM - 16 Core, 112 GB RAM or higher	per hour	
223	VM - 32 Core, 128 GB RAM or higher	per hour	
224	VM - 32 Core, 244 GB RAM or higher	per hour	
Storage (Unit Rate in Rs.) (excluding taxes)			
225	Premium Block Storage (SSD) for Database - Production Environment (Rate to be quoted for usable capacity configured on RAID1+0)	per GB per month	
226	Standard Block Storage for Database - Development / Pre-Production Environment (Rate to be quoted for usable capacity configured on RAID1+0)	per GB per month	
227	Object Storage for unstructured data (Rate to be quoted for usable capacity)	per GB per month	
228	Archival Storage (Rate to be quoted for usable capacity)	per GB per month	
Backup Services (Unit Rate in Rs.) (excluding taxes)			
229	Backup service for Storage	per GB per month	
230	Backup service for VM	per VM per month	
Networking and Security Services (Unit Rate in Rs.) (excluding taxes)			
231	IPS / IDS	NA	NA
i	1 vCPU / 2 vCPU	per VM per hour	
ii	4 vCPU	per VM per hour	
iii	8 vCPU	per VM per hour	
iv	16 vCPU	per VM per hour	
v	32 vCPU	per VM per hour	
232	Security Incident and Event Monitoring (including Log Analytics)	NA	NA
i	1 vCPU / 2 vCPU	per VM per hour	
ii	4 vCPU	per VM per hour	
iii	8 vCPU	per VM per hour	
iv	16 vCPU	per VM per hour	
v	32 vCPU	per VM per hour	
233	Application Performance Monitoring	per test per month	

234	Vulnerability Assessment Tool	per test per month	
235	Data Transfer Out (Egress)	per GB per month	
236	Application Load Balancer	per Load Balancer per month	
237	Network Load Balancer	per Load Balancer per month	
238	Web Application Firewall	per Firewall per month	
239	IPSec VPN Connection	per VPN per month	
240	Dedicated MPLS Connectivity - Port Charges (excludes ISP charges)	NA	NA
i	50 Mbps	per month	
ii	100 Mbps	per month	
iii	200 Mbps	per month	
iv	300 Mbps	per month	
v	400 Mbps	per month	
vi	500 Mbps	per month	
vii	1 Gbps	per month	
Disaster Recovery Services (Unit Rate in Rs.) (excluding taxes)			
241	DR as a service to meet RTO and RPO (includes cost of replication, connectivity between DC & DR and any other requirement to get functional DR) Applicable when the Client is taking both DC and DR from the Cloud Service Provider. The pricing below is for the DR environment in cloud while the primary environment is functional. In case a DR is declared and the DR is scaled-up to become the new functional environment within the RPO/RTO, the Supplier will be paid separately for the resources provisioned as per the unit pricing of VMs, storage and any other service for that duration.	NA	NA
i	For non-database (e.g., web, application) servers	% of VM cost or fixed charges per VM per month	

Note: if quoting % of VM cost then % must be mentioned. Example: Writing **12.36** means fixed charges per VM per month in Rs. Writing **12.36%** means charges are % of VM cost.

ii	For database servers	% of VM cost or fixed charges per VM per month		Note: if quoting % of VM cost then % must be mentioned. Example: Writing 12.36 means fixed charges per VM per month in Rs. Writing 12.36% means charges are % of VM cost.
iii	For block storage	% of block storage cost or fixed charges per GB per month		Note: if quoting % of block storage cost then % must be mentioned. Otherwise figure would be assumed to be fixed charges per GB per month Example: Writing 12.36 means fixed charges per GB per month in Rs. Writing 12.36% means charges are % of block storage cost.
iv	For object storage	% of object storage cost or fixed charges per GB per month		Note: if quoting % of object storage cost then % must be mentioned. Otherwise figure would be assumed to be fixed charges per GB per month Example: Writing 12.36 means fixed charges per GB per month in Rs. Writing 12.36% means charges are % of object storage cost.
242	DR as a service to meet RTO and RPO (includes cost of replication and any other requirement to get functional DR) Applicable when the Client is taking only DR from the Supplier for a primary environment running within the Client's premises / State Data Center. The pricing below is for the DR environment in cloud while the primary environment is functional. In case a DR is declared and the DR is scaled-up to become the new functional environment within the RPO/RTO, the Supplier will be paid separately for the resources provisioned as per the unit pricing of VMs, storage and any other service for that duration.	NA	NA	
i	For non-database (e.g., web, application) servers	% of VM cost or fixed charges per VM per month		Note: if quoting % of VM cost then % must be mentioned. Example: Writing 12.36 means fixed charges per VM per month in Rs. Writing 12.36% means charges are % of VM cost.
ii	For database servers	% of VM cost or fixed charges per VM per month		Note: if quoting % of VM cost then % must be mentioned. Example: Writing 12.36 means fixed charges per VM per month in Rs. Writing 12.36% means charges are % of VM cost.
iii	For block storage	% of block storage cost or fixed charges per GB per month		Note: if quoting % of block storage cost then % must be mentioned. Otherwise figure would be assumed to be fixed charges per GB per month Example: Writing 12.36 means fixed charges per GB per month in Rs. Writing 12.36% means charges are % of block storage cost.
iv	For object storage	% of object storage cost or fixed charges per GB per month		Note: if quoting % of object storage cost then % must be mentioned. Otherwise figure would be assumed to be fixed charges per GB per month Example: Writing 12.36 means fixed charges per GB per month in Rs. Writing 12.36% means charges are % of object storage cost.

Migration, Cloud Managed and Exit Management Services (Unit Rate in Rs.) (excluding taxes)

243	<p>Migration Services Cost Refer to RFP for scope of migration services - One time cost per application to be migrated</p> <p>Note: Migration services scope is NOT included under the Managed Services Cost.</p>	NA	NA
i	low complexity application (< 5 VMs)	One time cost per application to be migrated	
ii	moderate complexity application (5 - 10 VMs)	One time cost per application to be migrated	
iii	High complexity application (> 10 VMs)	One time cost per application to be migrated	
244	<p>Cloud Managed Services Cost Refer to RFP for scope of Cloud Managed services - Monthly Cost (To be provided as % of the overall cloud infra billing cost)</p> <p>Note: In case the Client does not have capacity to manage the provisioned cloud services, the Client can procure cloud managed services (e.g., provisioning, security configuration, monitoring) from the Supplier. Migration Services and Exit Management scope is NOT included under the Managed Services Cost.</p>	as % of monthly bill	

245	<p>Exit Management Services Cost Refer to RFP for scope of Cloud Exit Management services - One time cost per application to be migrated</p> <p>(Data transfer charges to be paid as per the above data transfer out pricing)</p> <p>Note: Exit Management scope is NOT included under the Managed Services Cost.</p>	NA	NA
i	low complexity application (< 5 VMs)	One time cost per application to be migrated	
ii	moderate complexity application (5 - 10 VMs)	One time cost per application to be migrated	
iii	High complexity application (> 10 VMs)	One time cost per application to be migrated	
Note:			
1	<p>Managed database refers to the services providing the following capabilities: automated backup, software patching, built-in recommendations around things like security and performance, service monitoring and event notifications, integration with configuration governance – all with the ability to fine-tune parameters by the end customer. The DB is managed as much as possible through automation and integrated monitoring features, so that the DBA on the customer side can focus on fine tuning performance.</p> <p>Availability SLAs have to be offered on the Managed Database as a Service.</p> <p>The same will be validated by PSeGS during the technical evaluation as well as during the course of empanelment. In case there are any discrepancies found, the bidder may be de-empaneled by PSeGS.</p>		