

**Government of Punjab**  
**Punjab State eGovernance Society (PSeGS)**  
**O/o Directorate of Governance Reforms**  
**Plot No. – D 241, Industrial Area, Near Quark City,**  
**Phase – 8B, Sector - 74 Mohali – 160071**

To,

1. All Additional Chief Secretaries / Financial Commissioners / Principal Secretaries and Administrative Secretaries of Government of Punjab.
2. All Heads of Departments / Boards / Corporations / Societies / PSUs of the Government.
3. All Deputy Commissioners of the State

**No.:** PSeGS/Cloud/2018/1/DGR/240/1397-1399  
**Dated:** 28/02/19.


**Subject – Regarding empanelment of Cloud Service Providers for providing Cloud services to various government organizations of Punjab.**

Punjab State eGovernance Society (PSeGS) has empanelled the following 8 vendors for providing Cloud services to various government organizations of Punjab after floating an open tender:

- 1) Cyfuture India Pvt. Ltd.
- 2) Embee Software Pvt. Ltd.
- 3) G7 CR Technologies Pvt. Ltd.
- 4) Minfy Technologies Pvt. Ltd.
- 5) SD Squared Pvt. Ltd.
- 6) Sify Technologies Pvt. Ltd.
- 7) SISL Infotech Pvt. Ltd.
- 8) Tata Communications Ltd.

The comparison of rates quoted by all 8 empanelled bidders may be seen at "<http://dgrpunjab.gov.in/Home/Download/7505>". These rates are subject to downward revision biannually as per terms & conditions of the contract.

You are requested to contact this office if you wish to avail the cloud services.

  
**(Parminder Pal Singh)**  
**Member Secretary, PSeGS**

HTA  
CAJL  
28/02/19.

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**Empanelment rates of Cloud Services Providers (valid upto 31<sup>st</sup> July 2019)**

**Unit Rate (in Rs.) (excluding taxes)**

S. No.	Items (with minimum specifications)	Unit of measurement	Tata Communications Ltd. (Microsoft)	SISL Infotech Pvt. Ltd. (Microsoft)	Sify Technologies Ltd.(Amazon)	SD Squared Pvt. Ltd. (Amazon)	Minfy Technologies India Pvt. (Amazon)	G7 CR Technologies India Pvt. (Microsoft)	Embee Software Pvt. Ltd.(Microsoft)	Cyfuture India Pvt. Ltd. (Amazon)
<b>Open Linux Server (CentOS / Ubuntu / Debian / etc.)</b>										
1	VM - 1 Core, 2 GB RAM or higher	per hour	1.10	1.63	58.88	1.05	0.84	1.58	1.22	1.69
2	VM - 2 Core, 4 GB RAM or higher	per hour	2.18	3.22	113.42	2.25	2.89	3.15	2.42	3.39
3	VM - 2 Core, 8 GB RAM or higher	per hour	4.39	6.50	235.23	4.49	3.34	6.36	4.79	6.89
4	VM - 4 Core, 8 GB RAM or higher	per hour	8.47	12.53	377.58	8.98	5.54	10.12	9.03	13.79
5	VM - 4 Core, 16 GB RAM or higher	per hour	8.79	13.01	465.39	8.13	6.41	12.49	9.58	13.79
6	VM - 4 Core, 30 GB RAM or higher	per hour	13.69	20.25	891.74	12.74	8.57	16.30	12.50	18.70
7	VM - 8 Core, 16 GB RAM or higher	per hour	17.79	26.33	750.80	17.97	11.63	20.22	18.02	23.21
8	VM - 8 Core, 32 GB RAM or higher	per hour	17.59	26.02	926.44	17.97	13.45	25.46	19.16	27.57
9	VM - 8 Core, 60 GB RAM or higher	per hour	28.72	33.32	1,668.64	23.91	18.09	32.60	24.99	37.40
10	VM - 16 Core, 32 GB RAM or higher	per hour	34.51	48.03	1,497.25	40.43	23.33	40.46	36.03	46.41
11	VM - 16 Core, 56 GB RAM or higher	per hour	34.51	82.09	1,848.52	38.09	26.90	49.97	38.31	55.15
12	VM - 16 Core, 112 GB RAM or higher	per hour	45.02	92.18	2,410.84	47.81	36.10	65.20	49.99	74.80
13	VM - 32 Core, 128 GB RAM or higher	per hour	69.00	102.16	4,817.33	95.63	67.26	99.94	76.63	149.60
14	VM - 32 Core, 244 GB RAM or higher	per hour	90.02	204.63	4,817.33	95.63	72.20	130.39	99.98	149.60
<b>Linux Server (RHEL)</b>										
15	VM - 1 Core, 2 GB RAM or higher	per hour	3.56	5.2716	190.52	6.165	5.396	5.157	3.95	5.7876
16	VM - 2 Core, 4 GB RAM or higher	per hour	4.64	9.6048	245.06	7.14	7.448	6.723	5.15	7.4802

**Empanelment rates of Cloud Services Providers (valid upto 31<sup>st</sup> July 2019)**

**Unit Rate (in Rs.) (excluding taxes)**

S. No.	Items (with minimum specifications)	Unit of measurement	Tata Communications Ltd. (Microsoft)	SISL Infotech Pvt. Ltd. (Microsoft)	Sify Technologies Ltd.(Amazon)	SD Squared Pvt. Ltd. (Amazon)	Minfy Technologies India Pvt. (Amazon)	G7 CR Technologies India Pvt. (Microsoft)	Embee Software Pvt. Ltd.(Microsoft)	Cyfuture India Pvt. Ltd. (Amazon)
17	VM - 2 Core, 8 GB RAM or higher	per hour	6.86	10.028	366.87	9.531	7.904	9.936	7.53	10.8654
18	VM - 4 Core, 8 GB RAM or higher	per hour	10.94	16.1736	509.22	14.022	9.864	13.68	11.77	15.6975
19	VM - 4 Core, 16 GB RAM or higher	per hour	11.25	16.4128	597.04	14.022	10.728	16.065	12.32	17.8815
20	VM - 4 Core, 30 GB RAM or higher	per hour	16.15	20.3044	737.97	17.781	12.888	19.872	15.23	22.7955
21	VM - 8 Core, 16 GB RAM or higher	per hour	23.13	34.2332	1,036.12	28.893	21.508	27.963	23.95	32.0775
22	VM - 8 Core, 32 GB RAM or higher	per hour	22.93	33.442	1,211.76	28.893	23.332	33.192	25.09	36.1725
23	VM - 8 Core, 60 GB RAM or higher	per hour	34.05	41.2252	1,492.92	51.042	27.968	40.329	30.92	46.2735
24	VM - 16 Core, 32 GB RAM or higher	per hour	39.84	55.936	1,782.57	43.515	33.212	48.186	41.96	55.2825
25	VM - 16 Core, 56 GB RAM or higher	per hour	39.84	89.9944	1,782.57	48.642	36.784	57.699	44.24	64.0185
26	VM - 16 Core, 112 GB RAM or higher	per hour	50.35	100.0868	2,696.16	102.564	45.980	72.927	55.92	83.6745
27	VM - 32 Core, 128 GB RAM or higher	per hour	74.33	110.0596	5,102.65	106.548	77.140	107.667	82.56	158.4765
28	VM - 32 Core, 244 GB RAM or higher	per hour	95.36	141.1924	5,102.65	106.548	82.080	138.132	105.91	158.4765
<b>Windows Server</b>										
29	VM - 1 Core, 2 GB RAM or higher	per hour	1.24	4.2504	75.34	1.7157	1.520	1.8	1.38	2.3205
30	VM - 2 Core, 4 GB RAM or higher	per hour	2.83	8.9332	144.99	3.5739	9.880	4.104	3.15	4.6137
31	VM - 2 Core, 8 GB RAM or higher	per hour	4.97	7.3508	268.89	11.8731	10.336	7.2	8.99	8.6814
32	VM - 4 Core, 8 GB RAM or higher	per hour	12.74	18.8508	501.95	11.8047	18.792	21.06	17.47	24.1605
33	VM - 4 Core, 16 GB RAM or higher	per hour	9.94	14.7108	501.95	11.8047	19.656	23.436	17.97	16.33905

**Empanelment rates of Cloud Services Providers (valid upto 31<sup>st</sup> July 2019)**

**Unit Rate (in Rs.) (excluding taxes)**

S. No.	Items (with minimum specifications)	Unit of measurement	Tata Communications Ltd. (Microsoft)	SISL Infotech Pvt. Ltd. (Microsoft)	Sify Technologies Ltd.(Amazon)	SD Squared Pvt. Ltd. (Amazon)	Minfy Technologies India Pvt. (Amazon)	G7 CR Technologies India Pvt. (Microsoft)	Embee Software Pvt. Ltd.(Microsoft)	Cyfuture India Pvt. Ltd. (Amazon)
34	VM - 4 Core, 30 GB RAM or higher	per hour	20.71	23.6716	1,640.47	26.78715	21.816	27.243	20.89	31.2585
35	VM - 8 Core, 16 GB RAM or higher	per hour	26.70	33.5892	1,474.38	22.02195	39.596	42.12	34.94	48.321
36	VM - 8 Core, 32 GB RAM or higher	per hour	19.89	40.7284	1,640.47	22.02195	41.420	28.791	35.94	52.689
37	VM - 8 Core, 60 GB RAM or higher	per hour	43.46	47.3432	1,906.35	94.91355	46.056	54.486	41.78	62.517
38	VM - 16 Core, 32 GB RAM or higher	per hour	64.73	39.5876	2,944.41	89.69805	79.268	84.231	69.86	96.642
39	VM - 16 Core, 56 GB RAM or higher	per hour	64.73	107.824	3,276.59	47.28435	82.840	93.753	71.88	105.378
40	VM - 16 Core, 112 GB RAM or higher	per hour	75.24	116.3892	3,808.35	107.0061	92.036	108.981	83.56	125.034
41	VM - 32 Core, 128 GB RAM or higher	per hour	129.44	162.9136	7,611.67	214.08345	207.100	187.506	143.77	293.748
42	VM - 32 Core, 244 GB RAM or higher	per hour	150.46	245.364	7,611.67	214.08345	184.072	217.962	167.12	293.748
<b>Containers - Open Linux Server (CentOS / Ubuntu / Debian / etc.)</b>										
43	VM - 1 Core, 2 GB RAM or higher	per hour	2.18	1.38	1,245.13	1.05	0.836	1.584	1.22	1.6926
44	VM - 2 Core, 4 GB RAM or higher	per hour	3.26	2.7324	1,245.13	2.25	2.888	3.15	2.42	3.3852
45	VM - 2 Core, 8 GB RAM or higher	per hour	5.48	5.5292	1,289.04	4.491	3.344	6.363	4.79	6.89325
46	VM - 4 Core, 8 GB RAM or higher	per hour	9.54	10.6444	1,431.39	8.982	5.544	10.116	9.03	13.7865
47	VM - 4 Core, 16 GB RAM or higher	per hour	9.87	11.0584	1,519.21	8.13	6.408	12.492	9.58	13.7865
48	VM - 4 Core, 30 GB RAM or higher	per hour	12.33	17.204	1,660.14	12.741	8.568	16.299	12.50	18.7005
49	VM - 8 Core, 16 GB RAM or higher	per hour	15.04	22.3836	2,858.43	17.973	11.628	20.223	18.02	23.205
50	VM - 8 Core, 32 GB RAM or higher	per hour	18.33	22.1168	3,034.06	17.973	13.452	25.461	19.16	27.573

**Empanelment rates of Cloud Services Providers (valid upto 31<sup>st</sup> July 2019)**

**Unit Rate (in Rs.) (excluding taxes)**

S. No.	Items (with minimum specifications)	Unit of measurement	Tata Communications Ltd. (Microsoft)	SISL Infotech Pvt. Ltd. (Microsoft)	Sify Technologies Ltd.(Amazon)	SD Squared Pvt. Ltd. (Amazon)	Minfy Technologies India Pvt. (Amazon)	G7 CR Technologies India Pvt. (Microsoft)	Embee Software Pvt. Ltd.(Microsoft)	Cyfuture India Pvt. Ltd. (Amazon)
51	VM - 8 Core, 60 GB RAM or higher	per hour	23.58	28.3268	3,315.22	23.907	18.088	32.598	24.99	37.401
52	VM - 16 Core, 32 GB RAM or higher	per hour	29.00	40.8296	6,006.41	40.425	23.332	40.455	36.03	46.41
53	VM - 16 Core, 56 GB RAM or higher	per hour	35.57	69.7728	6,063.77	38.085	26.904	49.968	38.31	55.146
54	VM - 16 Core, 112 GB RAM or higher	per hour	46.09	113.4452	6,626.09	47.814	36.100	65.196	49.99	74.802
55	VM - 32 Core, 128 GB RAM or higher	per hour	70.06	86.8296	13,247.83	95.628	67.260	99.936	76.63	149.604
56	VM - 32 Core, 244 GB RAM or higher	per hour	91.09	113.6292	13,247.83	95.628	72.200	130.392	99.98	149.604
<b>Containers - Linux Server (RHEL)</b>										
57	VM - 1 Core, 2 GB RAM or higher	per hour	2.18	1.38	1,446.97	6.165	5.396	5.157	3.95	5.7876
58	VM - 2 Core, 4 GB RAM or higher	per hour	3.26	2.7324	1,446.97	7.14	7.448	6.723	5.15	7.4802
59	VM - 2 Core, 8 GB RAM or higher	per hour	5.48	5.5292	1,490.88	9.531	7.904	9.936	7.53	10.8654
60	VM - 4 Core, 8 GB RAM or higher	per hour	9.54	10.6444	1,835.78	14.022	9.864	13.68	11.77	15.6975
61	VM - 4 Core, 16 GB RAM or higher	per hour	9.87	11.0584	1,923.59	14.022	10.728	16.065	12.32	17.8815
62	VM - 4 Core, 30 GB RAM or higher	per hour	12.33	17.204	2,063.82	17.781	12.888	19.872	15.23	22.7955
63	VM - 8 Core, 16 GB RAM or higher	per hour	15.04	22.3836	3,669.32	28.893	21.508	27.963	23.95	32.0775
64	VM - 8 Core, 32 GB RAM or higher	per hour	18.33	22.1168	3,842.13	28.893	23.332	33.192	25.09	36.1725
65	VM - 8 Core, 60 GB RAM or higher	per hour	23.58	28.3268	4,123.28	51.042	27.968	40.329	30.92	46.2735
66	VM - 16 Core, 32 GB RAM or higher	per hour	29.00	40.8296	7,328.63	43.515	33.212	48.186	41.96	55.2825
67	VM - 16 Core, 56 GB RAM or higher	per hour	35.57	69.7728	7,347.04	48.642	36.784	57.699	44.24	64.0185

**Empanelment rates of Cloud Services Providers (valid upto 31<sup>st</sup> July 2019)**

**Unit Rate (in Rs.) (excluding taxes)**

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68	VM - 16 Core, 112 GB RAM or higher	per hour	46.09	113.4452	8,242.22	102.564	45.980	72.927	55.92	83.6745
69	VM - 32 Core, 128 GB RAM or higher	per hour	70.06	86.8296	16,479.37	106.548	77.140	107.667	82.56	158.4765
70	VM - 32 Core, 244 GB RAM or higher	per hour	91.09	113.6292	16,479.37	106.548	82.080	138.132	105.91	158.4765
<b>Containers - Windows Server</b>										
71	VM - 1 Core, 2 GB RAM or higher	per hour	2.33	1.564	3,916.17	1.7157	1.520	1.8	1.38	2.3205
72	VM - 2 Core, 4 GB RAM or higher	per hour	3.92	7.59	3,916.17	3.5739	9.880	4.104	3.15	4.6137
73	VM - 2 Core, 8 GB RAM or higher	per hour	6.05	6.2468	7,827.32	11.8731	10.336	7.2	8.99	8.6814
74	VM - 4 Core, 8 GB RAM or higher	per hour	13.81	16.0172	7,827.32	11.8047	18.792	21.06	17.47	24.1605
75	VM - 4 Core, 16 GB RAM or higher	per hour	11.02	12.5028	3,936.93	11.8047	19.656	23.436	17.97	16.33905
76	VM - 4 Core, 30 GB RAM or higher	per hour	19.89	26.0452	4,069.54	26.78715	21.816	27.243	20.89	31.2585
77	VM - 8 Core, 16 GB RAM or higher	per hour	30.15	33.5892	7,868.85	22.02195	39.596	42.12	34.94	48.321
78	VM - 8 Core, 32 GB RAM or higher	per hour	33.44	40.7284	7,868.85	22.02195	41.420	28.791	35.94	52.689
79	VM - 8 Core, 60 GB RAM or higher	per hour	38.69	47.3432	8,134.72	94.91355	46.056	54.486	41.78	62.517
80	VM - 16 Core, 32 GB RAM or higher	per hour	59.22	79.1844	15,401.16	89.69805	79.268	84.231	69.86	96.642
81	VM - 16 Core, 56 GB RAM or higher	per hour	65.79	107.8148	15,733.34	47.28435	82.840	93.753	71.88	105.378
82	VM - 16 Core, 112 GB RAM or higher	per hour	76.31	116.3984	16,265.10	107.0061	92.036	108.981	83.56	125.034
83	VM - 32 Core, 128 GB RAM or higher	per hour	130.50	162.9228	32,525.17	214.08345	207.100	187.506	143.77	293.748
84	VM - 32 Core, 244 GB RAM or higher	per hour	151.53	189.382	32,525.17	214.08345	184.072	217.962	167.12	293.748

**Empanelment rates of Cloud Services Providers (valid upto 31<sup>st</sup> July 2019)**

**Unit Rate (in Rs.) (excluding taxes)**

S. No.	Items (with minimum specifications)	Unit of measurement	Tata Communications Ltd. (Microsoft)	SISL Infotech Pvt. Ltd. (Microsoft)	Sify Technologies Ltd.(Amazon)	SD Squared Pvt. Ltd. (Amazon)	Minfy Technologies India Pvt. (Amazon)	G7 CR Technologies India Pvt. (Microsoft)	Embee Software Pvt. Ltd.(Microsoft)	Cyfuture India Pvt. Ltd. (Amazon)
<b>Database - Open Source (Postgres / MySQL / etc)</b>										
85	VM - 1 Core, 2 GB RAM or higher	per hour	1.10	1.6284	44.72	1.05	0.836	1.584	6.99	1.6926
86	VM - 2 Core, 4 GB RAM or higher	per hour	2.18	3.22	44.72	2.25	2.888	3.15	14.37	3.3852
87	VM - 2 Core, 8 GB RAM or higher	per hour	4.39	6.5044	46.14	4.491	3.344	6.363	20.21	6.89325
88	VM - 4 Core, 8 GB RAM or higher	per hour	8.47	12.5304	50.39	8.982	5.852	10.116	39.91	13.7865
89	VM - 4 Core, 16 GB RAM or higher	per hour	8.79	13.0088	53.22	8.13	6.764	12.492	40.41	13.7865
90	VM - 4 Core, 30 GB RAM or higher	per hour	13.69	20.2492	58.18	12.741	9.044	16.299	43.33	18.7005
91	VM - 8 Core, 16 GB RAM or higher	per hour	17.79	26.3304	96.42	17.973	11.016	20.223	79.82	23.205
92	VM - 8 Core, 32 GB RAM or higher	per hour	17.59	26.0176	102.08	17.973	12.744	25.461	80.82	27.573
93	VM - 8 Core, 60 GB RAM or higher	per hour	28.72	33.3224	111.29	23.907	17.136	32.598	86.66	37.401
94	VM - 16 Core, 32 GB RAM or higher	per hour	34.51	48.0332	188.49	40.425	22.104	40.455	159.62	46.41
95	VM - 16 Core, 56 GB RAM or higher	per hour	34.51	82.0916	197.69	38.085	25.488	49.968	161.65	55.146
96	VM - 16 Core, 112 GB RAM or higher	per hour	45.02	92.184	218.23	47.814	34.200	65.196	173.32	74.802
97	VM - 32 Core, 128 GB RAM or higher	per hour	69.00	102.1568	432.11	95.628	67.260	99.936	323.29	149.604
98	VM - 32 Core, 244 GB RAM or higher	per hour	90.02	204.6264	432.11	95.628	72.200	130.392	346.65	149.604
<b>Database - MS SQL Standard Edition</b>										
99	VM - 1 Core, 2 GB RAM or higher	per hour	17.67	25.7876	48.55	42.268	28.439	25.506	19.63	NO
100	VM - 2 Core, 4 GB RAM or higher	per hour	19.26	27.2504	48.55	42.268	27.679	27.225	21.39	44.84025

**Empanelment rates of Cloud Services Providers (valid upto 31<sup>st</sup> July 2019)**

**Unit Rate (in Rs.) (excluding taxes)**

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101	VM - 2 Core, 8 GB RAM or higher	per hour	21.39	29.6884	49.89	42.268	28.135	30.996	27.23	45.93225
102	VM - 4 Core, 8 GB RAM or higher	per hour	29.17	46.598	60.61	48	55.433	44.856	35.71	56.9205
103	VM - 4 Core, 16 GB RAM or higher	per hour	26.36	35.0704	63.29	49.788	56.345	47.232	36.22	59.14545
104	VM - 4 Core, 30 GB RAM or higher	per hour	37.13	48.5576	67.31	53.061	58.625	51.039	39.13	64.0185
105	VM - 8 Core, 16 GB RAM or higher	per hour	59.55	93.2052	116.19	96.975	104.959	93.159	71.43	113.841
106	VM - 8 Core, 32 GB RAM or higher	per hour	52.74	91.908	121.55	99.501	106.687	76.383	72.43	119.301
107	VM - 8 Core, 60 GB RAM or higher	per hour	76.30	97.106	130.26	106.047	111.079	102.078	78.27	128.037
108	VM - 16 Core, 32 GB RAM or higher	per hour	130.42	186.3276	228.04	193.875	209.991	107.406	142.86	227.682
109	VM - 16 Core, 56 GB RAM or higher	per hour	130.42	187.174	238.75	199.002	213.375	188.928	144.89	238.602
110	VM - 16 Core, 112 GB RAM or higher	per hour	140.93	212.6212	256.17	212.094	222.087	204.156	156.56	256.074
111	VM - 32 Core, 128 GB RAM or higher	per hour	260.83	367.6228	507.31	424.263	563.072	377.856	289.72	NO
112	VM - 32 Core, 244 GB RAM or higher	per hour	281.85	388.4424	507.31	424.263	468.850	408.312	313.08	512.148
<b>Database - MS SQL Enterprise Edition</b>										
113	VM - 1 Core, 2 GB RAM or higher	per hour	62.83	92.6716	128.92	123.53	NO	91.026	69.80	NO
114	VM - 2 Core, 4 GB RAM or higher	per hour	64.42	94.1344	128.92	123.53	NO	93.339	71.56	NO
115	VM - 2 Core, 8 GB RAM or higher	per hour	66.56	96.5816	128.92	123.53	NO	96.426	77.40	NO
116	VM - 4 Core, 8 GB RAM or higher	per hour	74.33	113.482	128.92	123.53	134.849	112.005	85.89	126.5355
117	VM - 4 Core, 16 GB RAM or higher	per hour	71.53	112.8288	120.88	123.53	135.737	112.671	86.39	128.7195



**Empanelment rates of Cloud Services Providers (valid upto 31<sup>st</sup> July 2019)**

**Unit Rate (in Rs.) (excluding taxes)**

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118	VM - 4 Core, 30 GB RAM or higher	per hour	82.30	115.4416	135.62	136.77	137.957	116.478	89.31	133.6335
119	VM - 8 Core, 16 GB RAM or higher	per hour	149.88	226.9824	252.82	242.985	269.623	223.308	171.77	253.071
120	VM - 8 Core, 32 GB RAM or higher	per hour	143.07	225.6852	236.07	247.641	278.735	207.252	172.78	257.439
121	VM - 8 Core, 60 GB RAM or higher	per hour	166.64	230.8924	266.88	258.117	283.371	232.947	178.61	267.267
122	VM - 16 Core, 32 GB RAM or higher	per hour	311.08	453.8912	501.28	485.97	553.897	441.153	343.53	506.142
123	VM - 16 Core, 56 GB RAM or higher	per hour	311.08	454.7284	512.00	495.282	557.469	450.675	345.55	514.878
124	VM - 16 Core, 112 GB RAM or higher	per hour	321.60	480.1848	529.41	516.234	566.665	465.894	357.23	534.534
125	VM - 32 Core, 128 GB RAM or higher	per hour	622.15	902.7408	1,053.80	1032.468	1393.673	901.431	691.11	1112.748
126	VM - 32 Core, 244 GB RAM or higher	per hour	643.18	923.5604	1,053.80	1032.468	1133.330	931.797	714.46	1112.748
<b>Database - MS SQL Web Edition</b>										
127	VM - 1 Core, 2 GB RAM or higher	per hour	2.56	3.404	11.72	6.828	3.003	3.708	2.84	7.16625
128	VM - 2 Core, 4 GB RAM or higher	per hour	4.15	4.876	13.73	7.953	11.363	6.012	4.61	9.48675
129	VM - 2 Core, 8 GB RAM or higher	per hour	6.28	7.3232	17.75	10.203	11.819	9.099	10.45	13.52715
130	VM - 4 Core, 8 GB RAM or higher	per hour	14.06	24.2236	33.15	13.842	22.802	24.687	18.93	28.8015
131	VM - 4 Core, 16 GB RAM or higher	per hour	11.25	12.696	25.78	14.694	23.714	25.344	19.43	21.2121
132	VM - 4 Core, 30 GB RAM or higher	per hour	22.02	26.174	39.85	18.378	25.994	29.151	22.35	36.10425
133	VM - 8 Core, 16 GB RAM or higher	per hour	29.33	48.4472	61.28	27.675	43.133	49.374	37.86	57.53475
134	VM - 8 Core, 32 GB RAM or higher	per hour	22.52	47.15	44.53	30.201	44.861	32.688	38.86	61.90275

**Empanelment rates of Cloud Services Providers (valid upto 31<sup>st</sup> July 2019)**

**Unit Rate (in Rs.) (excluding taxes)**

S. No.	Items (with minimum specifications)	Unit of measurement	Tata Communications Ltd. (Microsoft)	SISL Infotech Pvt. Ltd. (Microsoft)	Sify Technologies Ltd.(Amazon)	SD Squared Pvt. Ltd. (Amazon)	Minfy Technologies India Pvt. (Amazon)	G7 CR Technologies India Pvt. (Microsoft)	Embee Software Pvt. Ltd.(Microsoft)	Cyfuture India Pvt. Ltd. (Amazon)
135	VM - 8 Core, 60 GB RAM or higher	per hour	46.08	52.3572	75.34	36.747	49.253	58.293	44.70	72.14025
136	VM - 16 Core, 32 GB RAM or higher	per hour	69.98	96.8208	117.53	55.275	86.337	98.748	75.70	115.0695
137	VM - 16 Core, 56 GB RAM or higher	per hour	69.98	97.658	126.24	60.402	89.721	101.367	77.72	123.8055
138	VM - 16 Core, 112 GB RAM or higher	per hour	80.49	123.1144	146.33	73.569	103.902	116.595	89.40	144.2805
139	VM - 32 Core, 128 GB RAM or higher	per hour	139.95	188.6	287.64	147.072	236.764	202.734	155.44	288.561
140	VM - 32 Core, 244 GB RAM or higher	per hour	160.97	231.6652	287.64	147.072	207.803	233.19	178.80	288.561
<b>Database - Oracle Standard Edition</b>										
141	VM - 1 Core, 2 GB RAM or higher	per hour	92.57	1.6284	194.86	22.72875	NO	10	NO	NO
142	VM - 2 Core, 4 GB RAM or higher	per hour	185.12	3.22	194.86	22.72875	NO	20	NO	NO
143	VM - 2 Core, 8 GB RAM or higher	per hour	187.34	6.5044	226.73	22.72875	NO	20	NO	NO
144	VM - 4 Core, 8 GB RAM or higher	per hour	374.36	12.5304	262.85	44.175	NO	40	NO	NO
145	VM - 4 Core, 16 GB RAM or higher	per hour	374.68	13.0088	262.85	44.8875	NO	40	NO	NO
146	VM - 4 Core, 30 GB RAM or higher	per hour	379.58	20.2492	334.38	49.4475	NO	40	NO	NO
147	VM - 8 Core, 16 GB RAM or higher	per hour	749.57	26.3304	335.79	58.43	NO	80	NO	NO
148	VM - 8 Core, 32 GB RAM or higher	per hour	749.37	26.0176	335.79	59.85	NO	80	NO	NO
149	VM - 8 Core, 60 GB RAM or higher	per hour	760.50	33.3224	337.92	68.97	NO	80	NO	NO
150	VM - 16 Core, 32 GB RAM or higher	per hour	1,498.06	48.0332	480.98	89.78	NO	160	NO	NO
151	VM - 16 Core, 56 GB RAM or higher	per hour	1,498.06	82.0916	480.98	89.78	NO	160	NO	NO

**Empanelment rates of Cloud Services Providers (valid upto 31<sup>st</sup> July 2019)**

**Unit Rate (in Rs.) (excluding taxes)**

S. No.	Items (with minimum specifications)	Unit of measurement	Tata Communications Ltd. (Microsoft)	SISL Infotech Pvt. Ltd. (Microsoft)	Sify Technologies Ltd.(Amazon)	SD Squared Pvt. Ltd. (Amazon)	Minfy Technologies India Pvt. (Amazon)	G7 CR Technologies India Pvt. (Microsoft)	Embee Software Pvt. Ltd.(Microsoft)	Cyfuture India Pvt. Ltd. (Amazon)
152	VM - 16 Core, 112 GB RAM or higher	per hour	1,508.58	92.184	477.43	108.015	NO	160	NO	NO
153	VM - 32 Core, 128 GB RAM or higher	per hour	2,996.11	102.1568	NO	186.105	NO	320	NO	NO
154	VM - 32 Core, 244 GB RAM or higher	per hour	3,017.14	204.6264	NO	186.105	NO	320	NO	NO
<b>Managed Database - Open Source (Postgres / MySQL / etc)</b>										
155	VM - 1 Core, 2 GB RAM or higher	per hour	1.10	2.532668	49.07	3.867	3.758	2.916	6.99	3.34425
156	VM - 2 Core, 4 GB RAM or higher	per hour	2.18	5.06	49.07	7.733	7.397	5.823	14.37	6.6885
157	VM - 2 Core, 8 GB RAM or higher	per hour	4.39	12.7512	50.48	15.466	13.611	5.823	20.21	13.58175
158	VM - 4 Core, 8 GB RAM or higher	per hour	8.47	25.5116	54.73	31.739	27.178	29.367	39.91	27.1635
159	VM - 4 Core, 16 GB RAM or higher	per hour	8.79	27.849136	57.57	31.739	24.837	29.367	40.41	27.1635
160	VM - 4 Core, 30 GB RAM or higher	per hour	13.69	27.849136	62.52	38.176	29.755	29.367	43.33	54.327
161	VM - 8 Core, 16 GB RAM or higher	per hour	17.79	51.0232	100.77	63.478	NO	58.725	79.82	65.793
162	VM - 8 Core, 32 GB RAM or higher	per hour	17.59	51.0232	106.43	63.478	49.401	58.725	80.82	65.793
163	VM - 8 Core, 60 GB RAM or higher	per hour	28.72	55.6968	115.64	76.367	59.247	58.725	86.66	73.71
164	VM - 16 Core, 32 GB RAM or higher	per hour	34.51	10204.64	192.83	152.937	NO	117.45	159.62	131.586
165	VM - 16 Core, 56 GB RAM or higher	per hour	34.51	111.3936	202.04	152.937	93.344	117.45	161.65	131.586
166	VM - 16 Core, 112 GB RAM or higher	per hour	45.02	111.3936	222.58	167.989	123.191	117.45	173.32	147.42
167	VM - 32 Core, 128 GB RAM or higher	per hour	69.00	204.102	436.46	335.976	255.016	234.9	323.29	294.84
168	VM - 32 Core, 244 GB RAM or higher	per hour	90.02	204.102	436.46	335.976	223.724	234.9	346.65	294.84

**Empanelment rates of Cloud Services Providers (valid upto 31<sup>st</sup> July 2019)**

**Unit Rate (in Rs.) (excluding taxes)**

S. No.	Items (with minimum specifications)	Unit of measurement	Tata Communications Ltd. (Microsoft)	SISL Infotech Pvt. Ltd. (Microsoft)	Sify Technologies Ltd.(Amazon)	SD Squared Pvt. Ltd. (Amazon)	Minfy Technologies India Pvt. (Amazon)	G7 CR Technologies India Pvt. (Microsoft)	Embee Software Pvt. Ltd.(Microsoft)	Cyfuture India Pvt. Ltd. (Amazon)
<b>Managed Database - MS SQL Standard Edition</b>										
169	VM - 1 Core, 2 GB RAM or higher	per hour	17.67	13.8184	193.21	78.425	NO	25.506	9.00	NO
170	VM - 2 Core, 4 GB RAM or higher	per hour	19.26	27.646	193.21	78.425	NO	27.225	18.38	NO
171	VM - 2 Core, 8 GB RAM or higher	per hour	21.39	27.646	223.35	101.05	78.740	30.996	24.22	73.5735
172	VM - 4 Core, 8 GB RAM or higher	per hour	29.17	55.2828	257.50	101.05	NO	44.856	47.94	NO
173	VM - 4 Core, 16 GB RAM or higher	per hour	26.36	55.2828	257.50	104.469	96.779	47.232	48.44	94.79925
174	VM - 4 Core, 30 GB RAM or higher	per hour	37.13	55.2828	325.14	202.1	107.860	51.039	51.36	98.007
175	VM - 8 Core, 16 GB RAM or higher	per hour	59.55	110.5748	326.48	202.1	NO	93.159	57.79	NO
176	VM - 8 Core, 32 GB RAM or higher	per hour	52.74	110.5748	326.48	208.938	180.649	76.383	58.79	189.5985
177	VM - 8 Core, 60 GB RAM or higher	per hour	76.30	110.5748	328.49	404.272	201.789	102.078	64.63	196.014
178	VM - 16 Core, 32 GB RAM or higher	per hour	130.42	221.1404	463.78	404.272	NO	107.406	191.73	NO
179	VM - 16 Core, 56 GB RAM or higher	per hour	130.42	221.1404	463.78	417.876	358.865	188.928	193.75	379.26525
180	VM - 16 Core, 112 GB RAM or higher	per hour	140.93	221.1404	460.43	835.752	423.270	204.156	205.43	394.0755
181	VM - 32 Core, 128 GB RAM or higher	per hour	260.83	331.7152	1,121.28	835.752	NO	377.856	387.50	394.0755
182	VM - 32 Core, 244 GB RAM or higher	per hour	281.85	331.7152	1,121.28	NO	843.819	408.312	410.85	784.056
<b>Managed Database - MS SQL Enterprise Edition</b>										
183	VM - 1 Core, 2 GB RAM or higher	per hour	62.83	13.8184	137.62	174.091	NO	31.815	9.00	NO
184	VM - 2 Core, 4 GB RAM or higher	per hour	64.42	27.646	137.62	174.091	NO	31.815	18.38	NO

**Empanelment rates of Cloud Services Providers (valid upto 31<sup>st</sup> July 2019)**

**Unit Rate (in Rs.) (excluding taxes)**

S. No.	Items (with minimum specifications)	Unit of measurement	Tata Communications Ltd. (Microsoft)	SISL Infotech Pvt. Ltd. (Microsoft)	Sify Technologies Ltd.(Amazon)	SD Squared Pvt. Ltd. (Amazon)	Minfy Technologies India Pvt. (Amazon)	G7 CR Technologies India Pvt. (Microsoft)	Embee Software Pvt. Ltd.(Microsoft)	Cyfuture India Pvt. Ltd. (Amazon)
185	VM - 2 Core, 8 GB RAM or higher	per hour	66.56	27.646	137.62	174.091	NO	31.815	24.22	NO
186	VM - 4 Core, 8 GB RAM or higher	per hour	74.33	55.2828	137.62	174.091	NO	63.63	47.94	NO
187	VM - 4 Core, 16 GB RAM or higher	per hour	71.53	55.2828	129.59	174.091	175.375	63.63	48.44	163.32225
188	VM - 4 Core, 30 GB RAM or higher	per hour	82.30	55.2828	144.32	186.095	192.042	63.63	51.36	174.5835
189	VM - 8 Core, 16 GB RAM or higher	per hour	149.88	293.5352	261.52	348.182	NO	127.26	57.79	NO
190	VM - 8 Core, 32 GB RAM or higher	per hour	143.07	293.5352	244.78	348.182	348.106	127.26	58.79	326.6445
191	VM - 8 Core, 60 GB RAM or higher	per hour	166.64	293.5352	275.58	372.189	381.364	127.26	64.63	349.167
192	VM - 16 Core, 32 GB RAM or higher	per hour	311.08	587.0704	509.99	744.378	NO	254.511	191.73	NO
193	VM - 16 Core, 56 GB RAM or higher	per hour	311.08	587.0704	520.70	744.378	656.920	254.511	193.75	653.35725
194	VM - 16 Core, 112 GB RAM or higher	per hour	321.60	587.0704	538.11	744.378	720.000	254.511	205.43	698.334
195	VM - 32 Core, 128 GB RAM or higher	per hour	622.15	1174.1316	1,062.50	1488.756	1729.497	509.022	387.50	NO
196	VM - 32 Core, 244 GB RAM or higher	per hour	643.18	1174.1316	1,062.50	1488.756	1517.287	509.022	410.85	1396.668
<b>Managed Database - MS SQL Web Edition</b>										
197	VM - 1 Core, 2 GB RAM or higher	per hour	2.56	13.8184	20.42	11.567	14.316	3.708	NO	10.85175
198	VM - 2 Core, 4 GB RAM or higher	per hour	4.15	27.646	22.43	31.21	34.326	6.012	NO	29.27925
199	VM - 2 Core, 8 GB RAM or higher	per hour	6.28	27.646	26.45	32.079	28.262	9.099	NO	29.484
200	VM - 4 Core, 8 GB RAM or higher	per hour	14.06	55.2828	41.85	32.079	NO	24.687	NO	NO
201	VM - 4 Core, 16 GB RAM or higher	per hour	11.25	55.2828	34.49	53.544	47.665	25.344	NO	50.232

**Empanelment rates of Cloud Services Providers (valid upto 31<sup>st</sup> July 2019)**

**Unit Rate (in Rs.) (excluding taxes)**

S. No.	Items (with minimum specifications)	Unit of measurement	Tata Communications Ltd. (Microsoft)	SISL Infotech Pvt. Ltd. (Microsoft)	Sify Technologies Ltd.(Amazon)	SD Squared Pvt. Ltd. (Amazon)	Minfy Technologies India Pvt. (Amazon)	G7 CR Technologies India Pvt. (Microsoft)	Embee Software Pvt. Ltd.(Microsoft)	Cyfuture India Pvt. Ltd. (Amazon)
202	VM - 4 Core, 30 GB RAM or higher	per hour	22.02	55.2828	48.55	58.273	53.077	29.151	NO	54.66825
203	VM - 8 Core, 16 GB RAM or higher	per hour	29.33	110.5748	69.98	107.161	NO	49.374	NO	NO
204	VM - 8 Core, 32 GB RAM or higher	per hour	22.52	110.5748	53.24	107.161	87.736	32.688	NO	100.53225
205	VM - 8 Core, 60 GB RAM or higher	per hour	46.08	110.5748	84.05	116.546	97.997	58.293	NO	109.3365
206	VM - 16 Core, 32 GB RAM or higher	per hour	69.98	221.1404	126.24	214.322	NO	98.748	NO	NO
207	VM - 16 Core, 56 GB RAM or higher	per hour	69.98	221.1404	134.94	214.322	172.966	101.367	NO	201.0645
208	VM - 16 Core, 112 GB RAM or higher	per hour	80.49	221.1404	155.04	73.569	NO	116.595	NO	NO
209	VM - 32 Core, 128 GB RAM or higher	per hour	139.95	1174.5916	296.35	147.072	NO	202.734	NO	NO
210	VM - 32 Core, 244 GB RAM or higher	per hour	160.97	1174.5916	296.35	147.072	NO	233.19	NO	NO
<b>Managed Database - Oracle Standard Edition</b>										
211	VM - 1 Core, 2 GB RAM or higher	per hour	179.18	1.6284	194.86	4.58	6.239	10	NO	4.57275
212	VM - 2 Core, 4 GB RAM or higher	per hour	358.34	3.22	194.86	9.161	9.829	20	NO	9.1455
213	VM - 2 Core, 8 GB RAM or higher	per hour	360.55	6.5044	226.73	28.271	25.605	20	NO	28.2555
214	VM - 4 Core, 8 GB RAM or higher	per hour	720.79	12.5304	262.85	65.366	31.586	40	NO	NO
215	VM - 4 Core, 16 GB RAM or higher	per hour	721.11	13.0088	262.85	65.366	48.625	40	NO	64.5645
216	VM - 4 Core, 30 GB RAM or higher	per hour	726.01	20.2492	334.38	66.459	55.209	40	NO	NO
217	VM - 8 Core, 16 GB RAM or higher	per hour	1,442.43	26.3304	335.79	131.033	NO	80	NO	NO
218	VM - 8 Core, 32 GB RAM or higher	per hour	1,442.23	26.0176	335.79	131.033	99.940	80	NO	129.129



**Empanelment rates of Cloud Services Providers (valid upto 31<sup>st</sup> July 2019)**

**Unit Rate (in Rs.) (excluding taxes)**

S. No.	Items (with minimum specifications)	Unit of measurement	Tata Communications Ltd. (Microsoft)	SISL Infotech Pvt. Ltd. (Microsoft)	Sify Technologies Ltd.(Amazon)	SD Squared Pvt. Ltd. (Amazon)	Minfy Technologies India Pvt. (Amazon)	G7 CR Technologies India Pvt. (Microsoft)	Embee Software Pvt. Ltd.(Microsoft)	Cyfuture India Pvt. Ltd. (Amazon)
i	1 vCPU / 2 vCPU	per VM per hour	0.91	1.0304	30.45	0.75	29.6 / 71.04	1.188	1.32	NO
ii	4 vCPU	per VM per hour	0.91	4.1308	30.45	4.5	81.400	1.188	1.32	NO
iii	8 vCPU	per VM per hour	0.91	8.2708	33.99	4.5	176.120	1.188	1.32	NO
iv	16 vCPU	per VM per hour	0.91	16.5416	33.99	9	259.000	1.188	1.32	NO
v	32 vCPU	per VM per hour	0.91	33.0832	33.99	18	372.220	1.188	1.32	NO
232	Security Incident and Event Monitoring (including Log Analytics)	NA	NA	NA	NA	NA	NA	NA	NA	NA
i	1 vCPU / 2 vCPU	per VM per hour	145.93	FREE	43.87	337.5	14.642	191.547	214.15	0.19929
ii	4 vCPU	per VM per hour	145.93	499.3024	43.87	337.5	25.742	191.547	214.15	0.19929
iii	8 vCPU	per VM per hour	145.93	1830.7632	43.87	337.5	40.542	191.547	214.15	0.19929
iv	16 vCPU	per VM per hour	145.93	4493.28	43.87	337.5	70.142	191.547	214.15	0.19929
v	32 vCPU	per VM per hour	145.93	9819.16	43.87	337.5	129.342	191.547	214.15	0.19929
233	Application Performance Monitoring	per test per month	542.81	608.0832	1,03,121.56	3.50	740.000	191.547	873.79	NO
234	Vulnerability Assessment Tool	per test per month	2,547.42	2687.32	1,74,068.18	NO	740.000	1.188	80,000.00	50049.7725
235	Data Transfer Out (Egress)	per GB per month	4.93	6.2008	7.01	NO	12.580	7.137	7.93	7.5075
236	Application Load Balancer	per Load Balancer per month	FREE	943	1,379.59	NO	2294.000	1085.634	FREE	1174.446
237	Network Load Balancer	per Load Balancer per month	346.55	436.08	1,239.36	NO	2294.000	21.411	FREE	1174.446



**Empanelment rates of Cloud Services Providers (valid upto 31<sup>st</sup> July 2019)**

**Unit Rate (in Rs.) (excluding taxes)**

S. No.	Items (with minimum specifications)	Unit of measurement	Tata Communications Ltd. (Microsoft)	SISL Infotech Pvt. Ltd. (Microsoft)	Sify Technologies Ltd.(Amazon)	SD Squared Pvt. Ltd. (Amazon)	Minfy Technologies India Pvt. (Amazon)	G7 CR Technologies India Pvt. (Microsoft)	Embee Software Pvt. Ltd.(Microsoft)	Cyfuture India Pvt. Ltd. (Amazon)
238	Web Application Firewall	per Firewall per month	4,668.85	7.2956	53.99	NO	2960.000	8.397	6,809.08	341.25
239	IPSec VPN Connection	per VPN per month	3.70	6.5136	2,592.04	NO	2708.400	11.304	1,737.01	2457
240	Dedicated MPLS Connectivity - Port Charges (excludes ISP charges)	NA	NA	NA	NA	NA	NA	NA	NA	NA
i	50 Mbps	per month	24,546.83	2842.8	1,555.22	1642.5	1625.040	36286.839	3,635.29	1474.2
ii	100 Mbps	per month	30,967.47	5168.7256	3,110.45	3285	3250.080	73168.551	6,609.63	2948.4
iii	200 Mbps	per month	58,975.57	7494.6512	6,220.89	6570	6500.160	136819.242	9,583.96	5896.8
iv	300 Mbps	per month	85,134.05	12663.3768	9,331.34	9855	9750.240	209987.793	NO	8845.2
v	400 Mbps	per month	1,10,552.68	14989.3024	12,441.78	13140	13000.320	419975.586	NO	11793.6
vi	500 Mbps	per month	1,36,341.25	14989.3116	15,552.23	16425	16250.400	309330.45	19,167.91	14742
vii	1 Gbps	per month	2,64,359.25	22535.6484	15,552.23	123187.5	16250.400	517533.642	28,817.97	14742
<b>Disaster Recovery Services (Unit Rate in Rs.) (excluding taxes)</b>										

**Empanelment rates of Cloud Services Providers (valid upto 31<sup>st</sup> July 2019)**

**Unit Rate (in Rs.) (excluding taxes)**

S. No.	Items (with minimum specifications)	Unit of measurement	Tata Communications Ltd. (Microsoft)	SISL Infotech Pvt. Ltd. (Microsoft)	Sify Technologies Ltd.(Amazon)	SD Squared Pvt. Ltd. (Amazon)	Minfy Technologies India Pvt. (Amazon)	G7 CR Technologies India Pvt. (Microsoft)	Embee Software Pvt. Ltd.(Microsoft)	Cyfuture India Pvt. Ltd. (Amazon)
241	<p>DR as a service to meet RTO and RPO (includes cost of replication, connectivity between DC &amp; DR and any other requirement to get functional DR)</p> <p>Applicable when the Client is taking both DC and DR from the Cloud Service Provider.</p> <p>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.</p>	NA	NA	NA	NA	NA	NA	NA	NA	NA
i	For non-database (e.g., web, application) servers	% of VM cost or fixed charges per VM per month	1,026.50	1292.186	5%	NO	50%	1487.169	1,652.41	FREE
ii	For database servers	% of VM cost or fixed charges per VM per month	6,543.72	1292.186	5%	NO	100%	100%	1,652.41	25%

**Empanelment rates of Cloud Services Providers (valid upto 31<sup>st</sup> July 2019)**

**Unit Rate (in Rs.) (excluding taxes)**

S. No.	Items (with minimum specifications)	Unit of measurement	Tata Communications Ltd. (Microsoft)	SISL Infotech Pvt. Ltd. (Microsoft)	Sify Technologies Ltd.(Amazon)	SD Squared Pvt. Ltd. (Amazon)	Minfy Technologies India Pvt. (Amazon)	G7 CR Technologies India Pvt. (Microsoft)	Embee Software Pvt. Ltd.(Microsoft)	Cyfuture India Pvt. Ltd. (Amazon)
iii	For block storage	% of block storage cost or fixed charges per GB per month	1,681.83	257.6	5%	25%	9.12	1.32	1.32	50%
iv	For object storage	% of object storage cost or fixed charges per GB per month	0.85	1.2144	5%	NO	2.048	1.32	3.27	FREE

**Empanelment rates of Cloud Services Providers (valid upto 31<sup>st</sup> July 2019)**

**Unit Rate (in Rs.) (excluding taxes)**

S. No.	Items (with minimum specifications)	Unit of measurement	Tata Communications Ltd. (Microsoft)	SISL Infotech Pvt. Ltd. (Microsoft)	Sify Technologies Ltd.(Amazon)	SD Squared Pvt. Ltd. (Amazon)	Minfy Technologies India Pvt. (Amazon)	G7 CR Technologies India Pvt. (Microsoft)	Embee Software Pvt. Ltd.(Microsoft)	Cyfuture India Pvt. Ltd. (Amazon)
242	<p>DR as a service to meet RTO and RPO (<b>includes cost of replication and any other requirement to get functional DR</b>)</p> <p>Applicable when the Client is taking only DR from the Supplier for a primary environment running within the Client's premises / State Data Center.</p> <p>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, <b>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.</b></p>	NA	NA	NA	NA	NA	NA	NA	NA	NA
i	For non-database (e.g., web, application) servers	% of VM cost or fixed charges per VM per month	656.96	1292.186	125%	0.1	2656.6	1487.169	1,652.41	50%

**Empanelment rates of Cloud Services Providers (valid upto 31<sup>st</sup> July 2019)**

**Unit Rate (in Rs.) (excluding taxes)**

S. No.	Items (with minimum specifications)	Unit of measurement	Tata Communications Ltd. (Microsoft)	SISL Infotech Pvt. Ltd. (Microsoft)	Sify Technologies Ltd.(Amazon)	SD Squared Pvt. Ltd. (Amazon)	Minfy Technologies India Pvt. (Amazon)	G7 CR Technologies India Pvt. (Microsoft)	Embee Software Pvt. Ltd.(Microsoft)	Cyfuture India Pvt. Ltd. (Amazon)
ii	For database servers	% of VM cost or fixed charges per VM per month	6,543.72	1292.186	125%	0.15	7400	100%	1,652.41	50%
iii	For block storage	% of block storage cost or fixed charges per GB per month	1,681.83	257.6	125%	0.2	9.12	1.32	1.32	100%
iv	For object storage	% of object storage cost or fixed charges per GB per month	0.85	1.2144	125%	FREE	2.048	1.32	3.27	100%
<b>Migration, Cloud Managed and Exit Management Services (Unit Rate in Rs.) (excluding taxes)</b>										
243	Migration Services Cost Refer to RFP for scope of migration services - One time cost per application to be migrated  <b>Note:</b> Migration services scope is NOT included under the Managed Services Cost.	NA	NA	NA	NA	NA	NA	NA	NA	NA
i	low complexity application (< 5 VMs)	One time cost per application to be migrated	1,87,500.00	7500	63,128.73	5000	50000	FREE	25,000.00	2000

**Empanelment rates of Cloud Services Providers (valid upto 31<sup>st</sup> July 2019)**

**Unit Rate (in Rs.) (excluding taxes)**

S. No.	Items (with minimum specifications)	Unit of measurement	Tata Communications Ltd. (Microsoft)	SISL Infotech Pvt. Ltd. (Microsoft)	Sify Technologies Ltd.(Amazon)	SD Squared Pvt. Ltd. (Amazon)	Minfy Technologies India Pvt. (Amazon)	G7 CR Technologies India Pvt. (Microsoft)	Embee Software Pvt. Ltd.(Microsoft)	Cyfuture India Pvt. Ltd. (Amazon)
ii	moderate complexity application (5 - 10 VMs)	One time cost per application to be migrated	2,50,000.00	12500	1,49,466.55	20000	150000	FREE	30,000.00	5000
iii	High complexity application (> 10 VMs)	One time cost per application to be migrated	3,12,500.00	15000	2,40,910.36	50000	300000	FREE	50,000.00	10000
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><b>Note:</b> 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.</p> <p>Migration Services and Exit Management scope is NOT included under the Managed Services Cost.</p>	as % of monthly bill	10%	5%	8%	NO	20%	FREE	30%	15%

**Empanelment rates of Cloud Services Providers (valid upto 31<sup>st</sup> July 2019)**

**Unit Rate (in Rs.) (excluding taxes)**

S. No.	Items (with minimum specifications)	Unit of measurement	Tata Communications Ltd. (Microsoft)	SISL Infotech Pvt. Ltd. (Microsoft)	Sify Technologies Ltd.(Amazon)	SD Squared Pvt. Ltd. (Amazon)	Minfy Technologies India Pvt. (Amazon)	G7 CR Technologies India Pvt. (Microsoft)	Embee Software Pvt. Ltd.(Microsoft)	Cyfuture India Pvt. Ltd. (Amazon)
245	Exit Management Services Cost Refer to RFP for scope of Cloud Exit Management services - One time cost per application to be migrated  (Data transfer charges to be paid as per the above data transfer out pricing)  <b>Note:</b> Exit Management scope is NOT included under the Managed Services Cost.	NA	NA	NA	NA	NA	NA	NA	NA	NA
i	low complexity application (< 5 VMs)	One time cost per application to be migrated	1,87,500.00	7500	63,128.73	5000	50000	10000	25,000.00	1000
ii	moderate complexity application (5 - 10 VMs)	One time cost per application to be migrated	2,50,000.00	12500	1,49,466.55	20000	150000	20000	30,000.00	1000
iii	High complexity application (> 10 VMs)	One time cost per application to be migrated	3,12,500.00	15000	2,40,910.36	50000	300000	50000	50,000.00	1000

**Note: PSeGS 10% administrative charges extra**