

Government of Punjab
Punjab State e-Governance 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 Govt. of Punjab.
2. All Heads of Departments/ Boards/ Corporations/ Societies/ PSUs of the Govt.
3. All Deputy Commissioners of the State.

No: DGR-PSeG0CS/1/2022-AMD-DGR 6637/A/B **Dated: 12.12.2022**

Sub.- Regarding empanelment of Cloud Service Providers for providing Cloud services to various government organizations of Punjab.

This is in continuation to this office's letter No.PSeGS/Cloud/2018/1/DGR/240/1397-1399 dated 28.02.2019 wherein it was intimated that Punjab State e-Governance Society (PSeGS) has empanelled the 8 vendors for providing cloud services to various government organizations of Punjab after floating an open tender.

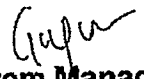
Further refer this Office's letter no. Psegs/Cloud/2018/1/DGR /240/1397-1399 Dated 28.2.2019, Psegs/Cloud/2018/1/DGR/240/7136-38 dated 4.11.2019, Psegs/ Cloud/2018/1/DGR/240/1397-1399 dated 28.2.2019, Psegs/Cloud/2018/1/DGR/240/7730-7732 dated 3.12.2019, Psegs/Cloud/2018/1/DGR/240/1254-1256 dated 20.2.2020, Psegs/Cloud /2018/1/DGR/240/2176-2178, dated 19.5.2020, Psegs/Cloud/2018/1/DGR/240/3651-3653 dated 15.6.2021, Psegs-SDC0HOST/1/2018-DGR-DGR-Punjab/662-664 dated 18.2.2022 wherein it was intimated that the contract of PSeGs with M/s SD Squared Pvt.Ltd., M/s Sify Technologies Pvt. Ltd., M/s Embee Software Pvt Ltd., M/s TCL and M/s G7CR Technologies India Pvt Ltd. respectively has been terminated.

Consequently, the following three vendors are now empanelled for providing cloud services to various government organizations of Punjab:-

1. Cyfuture India Pvt. Ltd.
2. Minfy Technologies Pvt. Ltd
3. SISL Infotech Pvt. Ltd.

The empanelment of remaining service provided has been extended for one year (i.e. 31.1.2023) vide letter no Psegs-SDC0HOST/1/2018-DGR-DGR-Punjab/662-664 dated 18.2.2022.

The revised rates are available on the website <https://dgrpg.punjab.gov.in>. This is for your information and necessary action please.


System Manager
Gagandeep

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

To,

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2. All Heads of Departments / Boards / Corporations / Societies / PSUs of the Government.
3. All Deputy Commissioners of the State

No.: PSeGS-SDC0HOST/1/2018-DGR-DGR-Punjab/662-664 **Dated:** 18/02/2022

Subject: Regarding extension in the time period of Empanelment of Cloud Service Providers for providing Cloud services to various government organizations of Punjab.

This is in continuation to this office's letter no.: PSeGS/Cloud/2018/1/DGR/240/1397-1399 dated 28.02.2019 wherein it was intimated that Punjab State e-Governance Society (PSeGS) has empanelled 8 vendors for providing Cloud services to various government organizations of Punjab after floating an open tender.

Further, refer this office's letter no.: PSeGS/Cloud/2018/1/DGR/240/7136-38 dated 04.11.2019, PSeGS/Cloud/2018/1/DGR/240/7730-32 dated 03.12.2019, PSeGS/Cloud/2018/1/DGR/240/1254-1256 dated 20.02.2020, PSeGS/Cloud/2018/1/DGR/240/ 2176-2178 dated 19.05.2020, and PSeGS/Cloud/2018/1/DGR/240/3651-3653 dated 15.06.2021 wherein it was intimated that the contract of PSeGS with M/s SD Squared Pvt. Ltd., M/s Sify Technologies Pvt. Ltd., M/s Embee Software Pvt. Ltd., M/s TCL and M/s G7 CR Technologies India Pvt. Ltd. respectively has been terminated.

Consequently, the following three vendors are now empanelled for providing cloud services to various government organizations of Punjab: -

- 1) Cyfuture India Pvt. Ltd.
- 2) Minfy Technologies Pvt. Ltd.
- 3) SISL Infotech Pvt. Ltd.

The tenure of this contract was initially for 3 years, starting from 31.1.2019 to 31.1.2022. Now, as per clause no. 4.2 of the General Contract Conditions of the contract, the contract period of the existing Empanelment of Service Providers for providing Cloud Services has been extended for 1 year Or till the finalization of new Empanelment of Service Providers for providing Cloud Services and placing the work order to the new L1 bidders for smooth shifting of the cloud infrastructure from old vendors to new vendors to be selected, whichever will happen earlier.

The rates are available on the website dgrpg.punjab.gov.in. This is for your information and necessary action please.

(Parminder Pal Singh)
Member Secretary, PSeGS

Punjab State e-Governance 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-SDC0HOST/1/2018-DGR-DGR-Punjab 3651-3653

Dated: 15/6/2021

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


This is in continuation to this office's letter no.: PSeGS/Cloud/2018/1/DGR/240/1397-1399 dated 28.02.2019 wherein it was intimated that Punjab State e-Governance Society (PSeGS) has empanelled 8 vendors for providing Cloud services to various government organizations of Punjab after floating an open tender.

Further, refer this office's letter no.: PSeGS/Cloud/2018/1/DGR/240/7136-38 dated 04.11.2019, PSeGS/Cloud/2018/1/DGR/240/7730-32 dated 03.12.2019, PSeGS/Cloud/2018/1/DGR/240/1254-1256 dated 20.02.2020 and PSeGS/Cloud/2018/1/DGR/240/2176-2178 dated 19.05.2020 wherein it was intimated that the contract of PSeGS with M/s SD Squared Pvt. Ltd., M/s Sify Technologies Pvt. Ltd., M/s Embee Software Pvt. Ltd. and M/s TCL resp. has been terminated.

In this regard, it is further intimated that contract with M/s G7 CR Technologies India Pvt. Ltd. will also be terminated by PSeGS due to non compliance of the contract w.e.f. 28.06.2021 Therefore, you are requested to shift to the new L1 vendor, if your organization is availing the services of M/s G7 CR Technologies India Pvt. Ltd. under the said empanelment. Consequently, the following three vendors are now empanelled for providing cloud services to various government organizations of Punjab:-

- 1) Cyfuture India Pvt. Ltd.
- 2) Minfy Technologies Pvt. Ltd.
- 3) SISL Infotech Pvt. Ltd.

The rates are available on the website dgrpg.punjab.gov.in. This is for your information and necessary action please.


(Parminder Pal Singh)
Member Secretary

Government of Punjab
Punjab State eGovernance Society (PSeGS)
O/o Directorate of Governance Reforms & Public Grievances
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/240/2176-2178
Dated: 19/05/2020

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

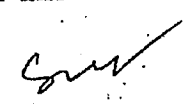
This is in continuation to this office letter no.: PseGS/Cloud/2018/1/DGR/240/1397-1399 dated: 28.02.2019 wherein it was intimated that Punjab State eGovernance Society (PSeGS) had empanelled 8 vendors for providing Cloud services to various government organizations of Punjab after floating an open tender.

Further, refer this office letter no.: PseGS/Cloud/2018/1/DGR/240/7136-38 dated: 04.11.2019, PseGS/Cloud/2018/1/DGR/240/7730-32 dated: 03.12.2019 and PseGS/Cloud/2018/1/DGR/240/1254-1256 dated: 20.02.2020 wherein it was intimated that the contract of PSeGS with M/s SD Squared Pvt. Ltd., M/s Sify Technologies Pvt. Ltd. and M/s Embee Software Pvt. Ltd. resp. had been terminated.

In this regard, it is intimated that M/s Tata Communications Ltd. will also be terminated by PSeGS due to non compliance of the contract w.e.f. 07.06.2020. Therefore, you are requested to shift to new L1 vendor if any of the work order is being executed by M/s Tata Communications Ltd. Consequently, the following four vendors are now empanelled for providing cloud services to various government organizations of Punjab:-

- 1) Cyfuture India Pvt. Ltd.
- 2) G7 CR Technologies Pvt. Ltd.
- 3) Minfy Technologies Pvt. Ltd.
- 4) SISL Infotech Pvt. Ltd.

The rates are available on the DGR website. This is for your information and necessary action please.


(Sumeet Garg)
SM-cum-DGM

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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

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No.: PSeGS/Cloud/2018/1/DGR/240 / 1254 - 1256

Dated: 20/02/2020

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

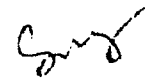
This is in continuation to this office letter no.: PseGS/Cloud/2018/1/DGR/240/1397-1399 dated: 28.02.2019 wherein it was intimated that Punjab State eGovernance Society (PSeGS) had empanelled 8 vendors for providing Cloud services to various government organizations of Punjab after floating an open tender.

Further, refer this office letter no.: PseGS/Cloud/2018/1/DGR/240/7136-38 dated: 04.11.2019 and PseGS/Cloud/2018/1/DGR/240/7730-32 dated: 03.12.2019 wherein it was intimated that the contract of PSeGS with M/s SD Squared Pvt. Ltd. and M/s Sify Technologies Pvt. Ltd. resp. has been terminated.

In this regard, it is intimated that M/s Embee Software Pvt. Ltd. has also been de-empanelled by PSeGS due to non compliance of the contract. Consequently, the following five vendors are now empanelled for providing cloud services to various government organizations of Punjab:-

- 1) Cyfuture India Pvt. Ltd.
- 2) G7 CR Technologies Pvt. Ltd.
- 3) Minfy Technologies Pvt. Ltd.
- 4) SISL Infotech Pvt. Ltd.
- 5) Tata Communications Ltd.

The rates are available on the DGR website. This is for your information and necessary action please.



(Sumeet Garg)

SM-cum-DGM

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To,

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No.: PSeGS/Cloud/2018/1/DGR/240-7730-7732

Dated: 03/12/2019

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

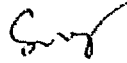
This is in continuation to this office letter no.: PseGS/Cloud/2018/1/DGR/240/1397-1399 dated: 28.02.2019 wherein it was intimated that Punjab State eGovernance Society (PSeGS) had empanelled 8 vendors for providing Cloud services to various government organizations of Punjab after floating an open tender.

Further, refer this office letter no.: PseGS/Cloud/2018/1/DGR/240/7136-38 dated: 04.11.2019 wherein it was intimated that the contract of PSeGS with M/s SD Squared Pvt. Ltd. has been terminated.

In this regard, it is intimated that M/s Sify Technologies Pvt. Ltd. has also been de-empanelled by PSeGS due to non compliance of the contract. Consequently, the following six vendors are now empanelled for providing cloud services to various government organizations of Punjab:-

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

The rates are available on the DGR website. This is for your information and necessary action please.


(Sumeet Garg)
SM-cum-DGM

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No.: PSeGS/Cloud/2018/1/DGR/240/7136-38

Dated: 04/11/2019

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

This is in continuation to this office letter no.: PseGS/Cloud/2018/1/DGR/240/1397-1399 dated: 28.02.2019 wherein it was intimated that 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.

In this regard, it is intimated that the contract of PSeGS with M/s SD Squared Pvt. Ltd. has been terminated due to non compliance of the contract.

This is for your information and necessary action please.



(Sumeet Garg)
SM-cum-DGM

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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
Chh
28/02/19.

HC

Unit Rate in Rs. (exluding taxes) – August, 2021					
SN	Items (with minimum specifications)	Unit of measurement	SISL Infotech Pvt. Ltd. (Microsoft)	Minfy Technologies India Pvt. Ltd. (Amazon)	Cyfuture India Pvt. Ltd. (Amazon)
Open Linux Server (CentOS / Ubuntu / Debian / etc.)					
1	VM - 1 Core, 2 GB RAM or higher	per hour	0.84	0.46	1.69
2	VM - 2 Core, 4 GB RAM or higher	per hour	1.77	0.91	3.39
3	VM - 2 Core, 8 GB RAM or higher	per hour	3.55	1.91	6.89
4	VM - 4 Core, 8 GB RAM or higher	per hour	7.09	3.82	13.79
5	VM - 4 Core, 16 GB RAM or higher	per hour	7.09	3.82	13.79
6	VM - 4 Core, 30 GB RAM or higher	per hour	13.58	5.92	18.70
7	VM - 8 Core, 16 GB RAM or higher	per hour	15.66	8.83	23.21
8	VM - 8 Core, 32 GB RAM or higher	per hour	14.19	8.83	27.57
9	VM - 8 Core, 60 GB RAM or higher	per hour	21.73	11.74	37.40
10	VM - 16 Core, 32 GB RAM or higher	per hour	19.37	17.75	46.41
11	VM - 16 Core, 56 GB RAM or higher	per hour	33.31	17.75	55.15
12	VM - 16 Core, 112 GB RAM or higher	per hour	43.46	23.48	74.80
13	VM - 32 Core, 128 GB RAM or higher	per hour	66.62	35.49	149.60
14	VM - 32 Core, 244 GB RAM or higher	per hour	86.92	46.96	149.60
Linux Server (RHEL)					
15	VM - 1 Core, 2 GB RAM or higher	per hour	3.81	4.41	5.79
16	VM - 2 Core, 4 GB RAM or higher	per hour	4.85	4.98	7.48
17	VM - 2 Core, 8 GB RAM or higher	per hour	6.92	5.67	10.87
18	VM - 4 Core, 8 GB RAM or higher	per hour	11.22	7.85	15.70
19	VM - 4 Core, 16 GB RAM or higher	per hour	10.25	7.71	17.88
20	VM - 4 Core, 30 GB RAM or higher	per hour	16.56	9.45	22.80
21	VM - 8 Core, 16 GB RAM or higher	per hour	22.90	17.48	32.08
22	VM - 8 Core, 32 GB RAM or higher	per hour	22.90	17.48	36.17
23	VM - 8 Core, 60 GB RAM or higher	per hour	33.61	19.58	46.27
24	VM - 16 Core, 32 GB RAM or higher	per hour	39.75	25.03	55.28
25	VM - 16 Core, 56 GB RAM or higher	per hour	39.75	25.03	64.02
26	VM - 16 Core, 112 GB RAM or higher	per hour	60.78	29.88	83.67
27	VM - 32 Core, 128 GB RAM or higher	per hour	58.53	40.04	158.48
28	VM - 32 Core, 244 GB RAM or higher	per hour	74.87	52.00	158.48
Windows Server					
29	VM - 1 Core, 2 GB RAM or higher	per hour	1.2	1.26	2.32
30	VM - 2 Core, 4 GB RAM or higher	per hour	2.62	2.03	4.61
31	VM - 2 Core, 8 GB RAM or higher	per hour	4.79	3.36	8.68
32	VM - 4 Core, 8 GB RAM or higher	per hour	8.00	8.05	24.16
33	VM - 4 Core, 16 GB RAM or higher	per hour	8.00	8.05	16.34
34	VM - 4 Core, 30 GB RAM or higher	per hour	17.30	17.43	31.26
35	VM - 8 Core, 16 GB RAM or higher	per hour	16.00	16.10	48.32
36	VM - 8 Core, 32 GB RAM or higher	per hour	16.00	16.10	52.69
37	VM - 8 Core, 60 GB RAM or higher	per hour	30.97	34.79	62.52
38	VM - 16 Core, 32 GB RAM or higher	per hour	36.13	60.61	96.64
39	VM - 16 Core, 56 GB RAM or higher	per hour	41.29	60.61	105.38
40	VM - 16 Core, 112 GB RAM or higher	per hour	59.63	64.71	125.03
41	VM - 32 Core, 128 GB RAM or higher	per hour	119.29	121.22	293.75
42	VM - 32 Core, 244 GB RAM or higher	per hour	128.30	129.42	293.75
Containers – Open Linux Server (CentOS / Ubuntu / Debian / etc.)					
43	VM - 1 Core, 2 GB RAM or higher	per hour	1.03	0.46	1.69
44	VM - 2 Core, 4 GB RAM or higher	per hour	2.07	0.91	3.39
45	VM - 2 Core, 8 GB RAM or higher	per hour	4.14	1.91	6.89
46	VM - 4 Core, 8 GB RAM or higher	per hour	8.28	3.82	13.79
47	VM - 4 Core, 16 GB RAM or higher	per hour	8.28	3.82	13.79
48	VM - 4 Core, 30 GB RAM or higher	per hour	13.58	5.92	18.70
49	VM - 8 Core, 16 GB RAM or higher	per hour	17.75	8.83	23.21
50	VM - 8 Core, 32 GB RAM or higher	per hour	16.56	8.83	27.57
51	VM - 8 Core, 60 GB RAM or higher	per hour	25.35	11.74	37.40
52	VM - 16 Core, 32 GB RAM or higher	per hour	34.12	17.75	46.41
53	VM - 16 Core, 56 GB RAM or higher	per hour	34.12	17.75	55.15
54	VM - 16 Core, 112 GB RAM or higher	per hour	50.708	23.48	74.80
55	VM - 32 Core, 128 GB RAM or higher	per hour	77.72	35.49	149.60
56	VM - 32 Core, 244 GB RAM or higher	per hour	101.38	46.96	149.60
Containers – Linux Server (RHEL)					
57	VM - 1 Core, 2 GB RAM or higher	per hour	1.38	4.41	5.79
58	VM - 2 Core, 4 GB RAM or higher	per hour	2.73	4.98	7.48
59	VM - 2 Core, 8 GB RAM or higher	per hour	5.53	5.10	10.87
60	VM - 4 Core, 8 GB RAM or higher	per hour	10.64	7.85	15.70
61	VM - 4 Core, 16 GB RAM or higher	per hour	11.05	7.71	17.88
62	VM - 4 Core, 30 GB RAM or higher	per hour	16.56	9.63	22.80
63	VM - 8 Core, 16 GB RAM or higher	per hour	21.77	13.51	32.08
64	VM - 8 Core, 32 GB RAM or higher	per hour	22.12	15.89	36.17
65	VM - 8 Core, 60 GB RAM or higher	per hour	28.33	19.94	46.27
66	VM - 16 Core, 32 GB RAM or higher	per hour	39.75	25.03	55.28
67	VM - 16 Core, 56 GB RAM or higher	per hour	39.75	25.03	64.02
68	VM - 16 Core, 112 GB RAM or higher	per hour	60.78	29.88	83.67
69	VM - 32 Core, 128 GB RAM or higher	per hour	83.74	41.86	158.48
70	VM - 32 Core, 244 GB RAM or higher	per hour	107.42	52.00	158.48
Containers – Windows Server					
71	VM - 1 Core, 2 GB RAM or higher	per hour	1.4	1.26	2.32
72	VM - 2 Core, 4 GB RAM or higher	per hour	3.01	1.89	4.61
73	VM - 2 Core, 8 GB RAM or higher	per hour	5.59	3.12	8.68

SN	Items (with minimum specifications)	Unit of measurement	SISL Infotech Pvt. Ltd. (Microsoft)	Minfy Technologies India Pvt. Ltd. (Amazon)	Cyfuture India Pvt. Ltd. (Amazon)
74	VM - 4 Core, 8 GB RAM or higher	per hour	12.00	7.49	24.16
75	VM - 4 Core, 16 GB RAM or higher	per hour	11.20	7.49	16.34
76	VM - 4 Core, 30 GB RAM or higher	per hour	21.19	16.21	31.26
77	VM - 8 Core, 16 GB RAM or higher	per hour	22.39	14.97	48.32
78	VM - 8 Core, 32 GB RAM or higher	per hour	22.39	14.97	52.69
79	VM - 8 Core, 60 GB RAM or higher	per hour	36.13	32.35	62.52
80	VM - 16 Core, 32 GB RAM or higher	per hour	36.13	60.61	96.64
81	VM - 16 Core, 56 GB RAM or higher	per hour	36.13	60.61	105.38
82	VM - 16 Core, 112 GB RAM or higher	per hour	84.7	64.71	125.03
83	VM - 32 Core, 128 GB RAM or higher	per hour	145.83	121.22	293.75
84	VM - 32 Core, 244 GB RAM or higher	per hour	169.4	129.42	293.75
Database - Open Source (Postgres / MySQL / etc)					
85	VM - 1 Core, 2 GB RAM or higher	per hour	0.88	0.53	1.69
86	VM - 2 Core, 4 GB RAM or higher	per hour	1.77	0.98	3.39
87	VM - 2 Core, 8 GB RAM or higher	per hour	3.55	1.91	6.89
88	VM - 4 Core, 8 GB RAM or higher	per hour	7.09	3.82	13.79
89	VM - 4 Core, 16 GB RAM or higher	per hour	7.09	3.82	13.79
90	VM - 4 Core, 30 GB RAM or higher	per hour	13.22	5.92	18.70
91	VM - 8 Core, 16 GB RAM or higher	per hour	15.66	8.83	23.21
92	VM - 8 Core, 32 GB RAM or higher	per hour	14.19	8.83	27.57
93	VM - 8 Core, 60 GB RAM or higher	per hour	21.73	11.74	37.40
94	VM - 16 Core, 32 GB RAM or higher	per hour	33.31	17.75	46.41
95	VM - 16 Core, 56 GB RAM or higher	per hour	33.31	17.75	55.15
96	VM - 16 Core, 112 GB RAM or higher	per hour	43.46	23.48	74.80
97	VM - 32 Core, 128 GB RAM or higher	per hour	66.62	35.49	149.60
98	VM - 32 Core, 244 GB RAM or higher	per hour	86.89	50.57	149.60
Database - MS SQL Standard Edition (Windows VM)					
99	VM - 1 Core, 2 GB RAM or higher	per hour	21.33	28.44	NO
100	VM - 2 Core, 4 GB RAM or higher	per hour	21.57	27.68	44.84
101	VM - 2 Core, 8 GB RAM or higher	per hour	25.83	28.13	45.93
102	VM - 4 Core, 8 GB RAM or higher	per hour	30.74	38.73	56.92
103	VM - 4 Core, 16 GB RAM or higher	per hour	30.74	38.73	59.15
104	VM - 4 Core, 30 GB RAM or higher	per hour	42.53	47.46	64.02
105	VM - 8 Core, 16 GB RAM or higher	per hour	63.65	77.47	113.84
106	VM - 8 Core, 32 GB RAM or higher	per hour	61.49	77.47	119.30
107	VM - 8 Core, 60 GB RAM or higher	per hour	78.62	94.85	128.04
108	VM - 16 Core, 32 GB RAM or higher	per hour	115.57	185.60	227.68
109	VM - 16 Core, 56 GB RAM or higher	per hour	115.57	185.60	238.60
110	VM - 16 Core, 112 GB RAM or higher	per hour	157.25	189.70	256.07
111	VM - 32 Core, 128 GB RAM or higher	per hour	294.2	371.20	NO
112	VM - 32 Core, 244 GB RAM or higher	per hour	314.15	379.40	512.15
Database - MS SQL Enterprise Edition (Windows VM)					
113	VM - 1 Core, 2 GB RAM or higher	per hour	75.86	105.14	NO
114	VM - 2 Core, 4 GB RAM or higher	per hour	77.64	105.14	NO
115	VM - 2 Core, 8 GB RAM or higher	per hour	81.36	105.14	NO
116	VM - 4 Core, 8 GB RAM or higher	per hour	86.35	105.14	126.54
117	VM - 4 Core, 16 GB RAM or higher	per hour	86.35	105.14	128.72
118	VM - 4 Core, 30 GB RAM or higher	per hour	97.06	113.46	133.63
119	VM - 8 Core, 16 GB RAM or higher	per hour	172.75	210.27	253.07
120	VM - 8 Core, 32 GB RAM or higher	per hour	172.75	210.27	257.44
121	VM - 8 Core, 60 GB RAM or higher	per hour	194.12	226.99	267.27
122	VM - 16 Core, 32 GB RAM or higher	per hour	313.74	443.71	506.14
123	VM - 16 Core, 56 GB RAM or higher	per hour	313.74	446.67	514.88
124	VM - 16 Core, 112 GB RAM or higher	per hour	388.25	453.92	534.53
125	VM - 32 Core, 128 GB RAM or higher	per hour	751.12	893.34	1,112.75
126	VM - 32 Core, 244 GB RAM or higher	per hour	776.50	907.89	1,112.75
Database - MS SQL Web Edition (Windows VM)					
127	VM - 1 Core, 2 GB RAM or higher	per hour	2.88	3.00	7.17
128	VM - 2 Core, 4 GB RAM or higher	per hour	4.31	6.25	9.49
129	VM - 2 Core, 8 GB RAM or higher	per hour	6.49	7.55	13.53
130	VM - 4 Core, 8 GB RAM or higher	per hour	11.29	11.91	28.80
131	VM - 4 Core, 16 GB RAM or higher	per hour	11.29	11.91	21.21
132	VM - 4 Core, 30 GB RAM or higher	per hour	20.20	20.57	36.10
133	VM - 8 Core, 16 GB RAM or higher	per hour	22.80	23.83	57.53
134	VM - 8 Core, 32 GB RAM or higher	per hour	22.57	23.83	61.90
135	VM - 8 Core, 60 GB RAM or higher	per hour	39.7	41.14	72.14
136	VM - 16 Core, 32 GB RAM or higher	per hour	37.74	78.19	115.07
137	VM - 16 Core, 56 GB RAM or higher	per hour	37.74	78.19	123.81
138	VM - 16 Core, 112 GB RAM or higher	per hour	79.41	82.35	144.28
139	VM - 32 Core, 128 GB RAM or higher	per hour	138.53	156.37	288.56
140	VM - 32 Core, 244 GB RAM or higher	per hour	158.83	164.64	288.56
Database - Oracle Standard Edition					
141	VM - 1 Core, 2 GB RAM or higher	per hour	1.18	2.65	NO
142	VM - 2 Core, 4 GB RAM or higher	per hour	2.37	5.29	NO
143	VM - 2 Core, 8 GB RAM or higher	per hour	4.74	10.65	NO
144	VM - 4 Core, 8 GB RAM or higher	per hour	9.46	21.29	NO
145	VM - 4 Core, 16 GB RAM or higher	per hour	9.46	21.29	NO
146	VM - 4 Core, 30 GB RAM or higher	per hour	14.49	75.10	NO
147	VM - 8 Core, 16 GB RAM or higher	per hour	18.93	42.53	NO
148	VM - 8 Core, 32 GB RAM or higher	per hour	20.14	42.53	NO

SN	Items (with minimum specifications)	Unit of measurement	SISL Infotech Pvt. Ltd. (Microsoft)	Minfy Technologies India Pvt. Ltd. (Amazon)	Cyfuture India Pvt. Ltd. (Amazon)
149	VM - 8 Core, 60 GB RAM or higher	per hour	27.17	150.19	NO
150	VM - 16 Core, 32 GB RAM or higher	per hour	40.28	150.19	NO
151	VM - 16 Core, 56 GB RAM or higher	per hour	42.80	150.19	NO
152	VM - 16 Core, 112 GB RAM or higher	per hour	68.82	2,068.29	NO
153	VM - 32 Core, 128 GB RAM or higher	per hour	102.16	3,122.28	NO
154	VM - 32 Core, 244 GB RAM or higher	per hour	144.88	4,140.99	NO
Managed Database - Open Source (Postgres / MySQL / etc)					
155	VM - 1 Core, 2 GB RAM or higher	per hour	0.88	0.49	3.34
156	VM - 2 Core, 4 GB RAM or higher	per hour	1.77	0.95	6.69
157	VM - 2 Core, 8 GB RAM or higher	per hour	3.55	1.98	13.58
158	VM - 4 Core, 8 GB RAM or higher	per hour	7.09	3.97	27.16
159	VM - 4 Core, 16 GB RAM or higher	per hour	7.09	3.97	27.16
160	VM - 4 Core, 30 GB RAM or higher	per hour	17.6	6.14	54.33
161	VM - 8 Core, 16 GB RAM or higher	per hour	15.66	8.83	65.79
162	VM - 8 Core, 32 GB RAM or higher	per hour	14.19	8.83	65.79
163	VM - 8 Core, 60 GB RAM or higher	per hour	21.73	12.19	73.71
164	VM - 16 Core, 32 GB RAM or higher	per hour	33.31	17.75	131.59
165	VM - 16 Core, 56 GB RAM or higher	per hour	33.31	17.75	131.59
166	VM - 16 Core, 112 GB RAM or higher	per hour	43.46	23.48	147.42
167	VM - 32 Core, 128 GB RAM or higher	per hour	66.62	39.59	294.84
168	VM - 32 Core, 244 GB RAM or higher	per hour	86.89	54.18	294.84
Managed Database - MS SQL Standard Edition (Windows VM)					
169	VM - 1 Core, 2 GB RAM or higher	per hour	13.82	38.43	NO
170	VM - 2 Core, 4 GB RAM or higher	per hour	23.77	38.43	NO
171	VM - 2 Core, 8 GB RAM or higher	per hour	25.94	38.80	73.57
172	VM - 4 Core, 8 GB RAM or higher	per hour	30.74	38.73	NO
173	VM - 4 Core, 16 GB RAM or higher	per hour	30.74	38.73	94.80
174	VM - 4 Core, 30 GB RAM or higher	per hour	46.90	47.46	98.01
175	VM - 8 Core, 16 GB RAM or higher	per hour	70.37	77.47	NO
176	VM - 8 Core, 32 GB RAM or higher	per hour	61.49	77.47	189.60
177	VM - 8 Core, 60 GB RAM or higher	per hour	78.62	94.85	196.01
178	VM - 16 Core, 32 GB RAM or higher	per hour	115.57	185.60	NO
179	VM - 16 Core, 56 GB RAM or higher	per hour	115.57	185.60	379.27
180	VM - 16 Core, 112 GB RAM or higher	per hour	157.25	189.70	394.08
181	VM - 32 Core, 128 GB RAM or higher	per hour	294.2	371.20	394.08
182	VM - 32 Core, 244 GB RAM or higher	per hour	314.15	379.40	784.06
Managed Database - MS SQL Enterprise Edition (Windows VM)					
183	VM - 1 Core, 2 GB RAM or higher	per hour	13.82	105.14	NO
184	VM - 2 Core, 4 GB RAM or higher	per hour	27.65	105.14	NO
185	VM - 2 Core, 8 GB RAM or higher	per hour	27.65	105.14	NO
186	VM - 4 Core, 8 GB RAM or higher	per hour	55.28	105.14	NO
187	VM - 4 Core, 16 GB RAM or higher	per hour	55.28	105.14	163.32
188	VM - 4 Core, 30 GB RAM or higher	per hour	55.28	113.46	174.58
189	VM - 8 Core, 16 GB RAM or higher	per hour	138.54	210.27	NO
190	VM - 8 Core, 32 GB RAM or higher	per hour	138.54	210.27	326.64
191	VM - 8 Core, 60 GB RAM or higher	per hour	138.54	226.99	349.17
192	VM - 16 Core, 32 GB RAM or higher	per hour	244.59	443.71	NO
193	VM - 16 Core, 56 GB RAM or higher	per hour	244.59	446.67	653.36
194	VM - 16 Core, 112 GB RAM or higher	per hour	256.89	453.92	698.33
195	VM - 32 Core, 128 GB RAM or higher	per hour	456.68	893.34	NO
196	VM - 32 Core, 244 GB RAM or higher	per hour	486.68	907.89	1,396.67
Managed Database - MS SQL Web Edition (Windows VM)					
197	VM - 1 Core, 2 GB RAM or higher	per hour	2.88	5.92	10.85
198	VM - 2 Core, 4 GB RAM or higher	per hour	4.31	6.25	29.28
199	VM - 2 Core, 8 GB RAM or higher	per hour	6.49	7.55	29.48
200	VM - 4 Core, 8 GB RAM or higher	per hour	11.29	11.91	NO
201	VM - 4 Core, 16 GB RAM or higher	per hour	11.29	11.91	50.23
202	VM - 4 Core, 30 GB RAM or higher	per hour	28.33	20.57	54.67
203	VM - 8 Core, 16 GB RAM or higher	per hour	20.33	23.83	NO
204	VM - 8 Core, 32 GB RAM or higher	per hour	22.40	23.83	100.53
205	VM - 8 Core, 60 GB RAM or higher	per hour	39.7	41.14	109.34
206	VM - 16 Core, 32 GB RAM or higher	per hour	37.74	78.19	NO
207	VM - 16 Core, 56 GB RAM or higher	per hour	37.74	78.19	201.06
208	VM - 16 Core, 112 GB RAM or higher	per hour	79.41	82.35	NO
209	VM - 32 Core, 128 GB RAM or higher	per hour	138.53	156.37	NO
210	VM - 32 Core, 244 GB RAM or higher	per hour	158.83	164.64	NO
Managed Database - Oracle Standard Edition					
211	VM - 1 Core, 2 GB RAM or higher	per hour	1.48	2.65	4.57
212	VM - 2 Core, 4 GB RAM or higher	per hour	2.96	5.29	9.15
213	VM - 2 Core, 8 GB RAM or higher	per hour	5.92	10.65	28.26
214	VM - 4 Core, 8 GB RAM or higher	per hour	11.83	21.29	NO
215	VM - 4 Core, 16 GB RAM or higher	per hour	11.83	21.29	64.56
216	VM - 4 Core, 30 GB RAM or higher	per hour	18.11	55.21	NO
217	VM - 8 Core, 16 GB RAM or higher	per hour	23.66	42.53	NO
218	VM - 8 Core, 32 GB RAM or higher	per hour	23.66	42.53	129.13
219	VM - 8 Core, 60 GB RAM or higher	per hour	33.32	114.77	NO
220	VM - 16 Core, 32 GB RAM or higher	per hour	47.39	150.19	NO

SN	Items (with minimum specifications)	Unit of measurement	SISL Infotech Pvt. Ltd. (Microsoft)	Minfy Technologies India Pvt. Ltd. (Amazon)	Cyfuture India Pvt. Ltd. (Amazon)
221	VM - 16 Core, 56 GB RAM or higher	per hour	47.39	150.19	260.51
222	VM - 16 Core, 112 GB RAM or higher	per hour	72.44	214.89	NO
223	VM - 32 Core, 128 GB RAM or higher	per hour	102.16	3,122.28	NO
224	VM - 32 Core, 244 GB RAM or higher	per hour	144.88	4,140.99	NO
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	6.80	7.18	7.78
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	1.12	3.21	3.48
227	Object Storage for unstructured data (Rate to be quoted for usable capacity)	per GB per month	1.0	1.40	1.71
228	Archival Storage (Rate to be quoted for usable capacity)	per GB per month	0.12	0.13	0.34
Backup Services (Unit Rate in Rs.) (excluding taxes)					
229	Backup service for Storage	per GB per month	0.92	1.31	1.71
230	Backup service for VM	per VM per month	258.43	0.00	0.00
Working and Security Services (Unit Rate in Rs.) (excluding taxes)					
231	IPS / IDS	NA		NA	NA
i	1 vCPU / 2 vCPU	per VM per hour	1.03	1.87	NO
ii	4 vCPU	per VM per hour	1.03	1.87	NO
iii	8 vCPU	per VM per hour	1.03	1.87	NO
iv	16 vCPU	per VM per hour	1.03	1.87	NO
v	32 vCPU	per VM per hour	1.03	1.87	NO
232	Security Incident and Event Monitoring (including Log Analytics)	NA		NA	NA
i	1 vCPU / 2 vCPU	per VM per hour	0.00	14.64	0.20
ii	4 vCPU	per VM per hour	20.50	22.52	0.20
iii	8 vCPU	per VM per hour	39.87	40.54	0.20
iv	16 vCPU	per VM per hour	58.58	61.37	0.20
v	32 vCPU	per VM per hour	110.18	113.17	0.20
233	Application Performance Monitoring	per test per month	190.50	630.00	NO
234	Vulnerability Assessment Tool	per test per month	520.50	630.00	50,049.77
235	Data Transfer Out (Egress)	per GB per month	6.20	3.15	7.51
236	Application Load Balancer	per Load Balancer per month	904.94	1,953.00	1,174.45
237	Network Load Balancer	per Load Balancer per month	436.08	1,953.00	1,174.45
238	Web Application Firewall	per Firewall per month	7.30	1,890.00	341.25
239	IPSec VPN Connection	per VPN per month	6.51	2,305.80	2,457.00
240	Dedicated MPLS Connectivity - Port Charges (excludes ISP charges)	NA		NA	NA
i	50 Mbps	per month	2724.47	1,383.48	1,474.20
ii	100 Mbps	per month	4957.22	2,766.96	2,948.40
iii	200 Mbps	per month	7170.97	3,689.28	5,896.80
iv	300 Mbps	per month	1260.30	5,533.92	8,845.20
v	400 Mbps	per month	13100.30	7,378.56	11,793.60
vi	500 Mbps	per month	14200.93	9,223.20	14,742.00
vii	1 Gbps	per month	21200.42	15,218.28	14,742.00
Disaster Recovery Services (Unit Rate in Rs.) (excluding taxes)					

SN	Items (with minimum specifications)	Unit of measurement	SISL Infotech Pvt. Ltd. (Microsoft)	Minfy Technologies India Pvt. Ltd. (Amazon)	Cyfuture India Pvt. Ltd. (Amazon)
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	NA	NA
i	For non-database (e.g., web, application) servers	% of VM cost or fixed charges per VM per month	1,292.19	0.00	0.00
ii	For database servers	% of VM cost or fixed charges per VM per month	1,292.19	0.00	25%
iii	For block storage	% of block storage cost or fixed charges per GB per month	1.30	0.00	50%
iv	For object storage	% of object storage cost or fixed charges per GB per month	1.21	0.00	0.00
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	NA	NA
i	For non-database (e.g., web, application) servers	% of VM cost or fixed charges per VM per month	1,292.19	1,198.80	50%
ii	For database servers	% of VM cost or fixed charges per VM per month	1,292.19	1,198.80	50%
iii	For block storage	% of block storage cost or fixed charges per GB per month	1.30	4.10	100%
iv	For object storage	% of object storage cost or fixed charges per GB per month	1.21	1.58	100%
Migration, Cloud Managed and Exit Management Services (Unit Rate in Rs.) (excluding taxes)					

SN	Items (with minimum specifications)	Unit of measurement	SISL Infotech Pvt. Ltd. (Microsoft)	Minfy Technologies India Pvt. Ltd. (Amazon)	Cyfuture India Pvt. Ltd. (Amazon)
243	Migration Services Cost Refer to RFP for scope of migration services - One time cost per application to be migrated Note: Migration services scope is NOT included under the Managed Services Cost.	NA	NA		NA
i	low complexity application (< 5 VMs)	One time cost per application to be migrated	6,200.00	6,300.00	2,000.00
ii	moderate complexity application (5 - 10 VMs)	One time cost per application to be migrated	11,000.00	11,250.00	5,000.00
iii	High complexity application (> 10 VMs)	One time cost per application to be migrated	15,000.00	27,000.00	10,000.00
244	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) 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.	as % of monthly bill	5.00	4.50	15.00
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) Note: Exit Management scope is NOT included under the Managed Services Cost.	NA	NA	NA	NA
i	low complexity application (< 5 VMs)	One time cost per application to be migrated	6,200.00	6,300.00	1,000.00
ii	moderate complexity application (5 - 10 VMs)	One time cost per application to be migrated	11,000.00	11,250.00	1,000.00
iii	High complexity application (> 10 VMs)	One time cost per application to be migrated	15,000.00	27,000.00	1,000.00
Additional Services					
246	Next Generation Firewall	per instance per month	35,000.00	1,890.00	NO
247	DevOps as a Service	per user per month	3,400.00	126.00	NO
248	SSL Certificate Manager	per month	46.00	47.25	NO
249	SSL Certificate (Based on validation level)	NA	NA	NA	NA
i	Extended Validation Certificates (EV SSL)	per instance per month	661.00	729.70	NO
ii	Organization Validated Certificates (OV SSL)	per instance per month	156.00	167.95	NO
iii	Domain Validated Certificates (DV SSL)	per instance per month	20.00	19.79	NO
250	SSL Certificate (Based on number of secured domains)	NA	NA	NA	NA
i	Wildcard SSL certificate	per instance per month	440.00	503.95	NO
ii	Multi-domain SSL Certificate (MDC)	per instance per month	169.00	188.37	NO
iii	Unified Communications Certificate (UCC)	per instance per month	183.00	188.37	NO
251	Windows Server VM - 32 Core, 875 GB RAM or higher	per hour	275.89	280.21	NO
252	MS SQL Standard Edition (Windows VM) - 32 Core, 875 GB RAM or higher	per hour	491.46	549.01	NO

SN	Items (with minimum specifications)	Unit of measurement	SISL Infotech Pvt. Ltd. (Microsoft)	Minfy Technologies India Pvt. Ltd. (Amazon)	Cyfuture India Pvt. Ltd. (Amazon)
253	MS SQL Enterprise Edition (Windows VM) - 32 Core, 875 GB RAM or higher	per hour	985.86	1,120.21	NO
254	Hardware Security Module (HSM) FIPS 140-2 Level 3 compliant	per unit per hour	280.80	159.90	NO
255	Hardware Security Module (HSM) FIPS 140-2 Level 2 compliant	per key per month	72.35	78.00	NO
256	Chat BOT	Per 1000 Messages	165.32	0.00	NO
257	Data Lake Storage	Per GB Per Month	1.48	1.95	NO
258	DDoS	-	-	-	270,600.00
259	Firewall	-	-	-	3,644.08
260	Application Gateway	-	-	-	2,100.76
261	Web Application Firewall	-	-	-	4,149.20
262	Defender for cloud	-	-	-	44,175.45
263	Bastion	-	-	-	5,953.20