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 /1254 - 1256
Dated: 20/2/2020

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
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 - 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
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/240/7136-38
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
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: 25-12-19.

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
<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Items (with minimum specifications)</th>
<th>Unit of measurement</th>
<th>Tata Communications Ltd. (Microsoft)</th>
<th>SISL Infotech Pvt. Ltd. (Microsoft)</th>
<th>Q7 CR Technologies India Pvt. Ltd. (Microsoft)</th>
<th>Myobj Technologies India Pvt. Ltd. (Amazon)</th>
<th>Cyfuture India Pvt. Ltd. (Amazon)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>VM - 1 Core, 2 GB RAM or higher</td>
<td>per hour</td>
<td>1.10</td>
<td>0.94</td>
<td>1.58</td>
<td>0.46</td>
<td>1.69</td>
</tr>
<tr>
<td>2</td>
<td>VM - 2 Core, 4 GB RAM or higher</td>
<td>per hour</td>
<td>2.18</td>
<td>1.77</td>
<td>3.15</td>
<td>0.91</td>
<td>3.39</td>
</tr>
<tr>
<td>3</td>
<td>VM - 2 Core, 8 GB RAM or higher</td>
<td>per hour</td>
<td>4.39</td>
<td>3.55</td>
<td>6.36</td>
<td>1.91</td>
<td>6.89</td>
</tr>
<tr>
<td>4</td>
<td>VM - 4 Core, 8 GB RAM or higher</td>
<td>per hour</td>
<td>8.47</td>
<td>7.08</td>
<td>10.02</td>
<td>2.82</td>
<td>12.70</td>
</tr>
<tr>
<td>5</td>
<td>VM - 4 Core, 16 GB RAM or higher</td>
<td>per hour</td>
<td>8.79</td>
<td>7.09</td>
<td>12.49</td>
<td>3.82</td>
<td>13.79</td>
</tr>
<tr>
<td>6</td>
<td>VM - 4 Core, 32 GB RAM or higher</td>
<td>per hour</td>
<td>13.69</td>
<td>11.58</td>
<td>20.06</td>
<td>3.92</td>
<td>27.30</td>
</tr>
<tr>
<td>7</td>
<td>VM - 8 Core, 32 GB RAM or higher</td>
<td>per hour</td>
<td>10.79</td>
<td>9.25</td>
<td>13.85</td>
<td>3.39</td>
<td>18.24</td>
</tr>
<tr>
<td>8</td>
<td>VM - 8 Core, 2 GB RAM or higher</td>
<td>per hour</td>
<td>13.69</td>
<td>11.58</td>
<td>20.06</td>
<td>3.92</td>
<td>27.30</td>
</tr>
<tr>
<td>9</td>
<td>VM - 8 Core, 6 GB RAM or higher</td>
<td>per hour</td>
<td>27.85</td>
<td>21.73</td>
<td>32.60</td>
<td>6.12</td>
<td>37.40</td>
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<tr>
<td>10</td>
<td>VM - 16 Core, 16 GB RAM or higher</td>
<td>per hour</td>
<td>32.52</td>
<td>26.43</td>
<td>39.16</td>
<td>7.35</td>
<td>46.50</td>
</tr>
<tr>
<td>11</td>
<td>VM - 16 Core, 32 GB RAM or higher</td>
<td>per hour</td>
<td>33.47</td>
<td>33.61</td>
<td>49.17</td>
<td>11.75</td>
<td>55.15</td>
</tr>
<tr>
<td>12</td>
<td>VM - 16 Core, 112 GB RAM or higher</td>
<td>per hour</td>
<td>45.02</td>
<td>43.46</td>
<td>65.20</td>
<td>13.24</td>
<td>78.40</td>
</tr>
<tr>
<td>13</td>
<td>VM - 32 Core, 24 GB RAM or higher</td>
<td>per hour</td>
<td>68.93</td>
<td>66.20</td>
<td>99.94</td>
<td>20.84</td>
<td>120.60</td>
</tr>
<tr>
<td>14</td>
<td>VM - 32 Core, 44 GB RAM or higher</td>
<td>per hour</td>
<td>90.92</td>
<td>86.92</td>
<td>130.39</td>
<td>34.96</td>
<td>149.60</td>
</tr>
</tbody>
</table>

**Open Linux Server (CentOS / Ubuntu / Debian / etc.):**
- VM - 8 Core, 2 GB RAM or higher: per hour - 1.10
- VM - 4 Core, 4 GB RAM or higher: per hour - 4.39
- VM - 2 Core, 8 GB RAM or higher: per hour - 8.47
- VM - 4 Core, 16 GB RAM or higher: per hour - 8.79
- VM - 8 Core, 16 GB RAM or higher: per hour - 13.69
- VM - 8 Core, 32 GB RAM or higher: per hour - 27.85
- VM - 16 Core, 32 GB RAM or higher: per hour - 32.52
- VM - 32 Core, 24 GB RAM or higher: per hour - 68.93
- VM - 32 Core, 44 GB RAM or higher: per hour - 90.92

**Linux Server (RHEL):**
- VM - 8 Core, 2 GB RAM or higher: per hour - 3.56
- VM - 4 Core, 4 GB RAM or higher: per hour - 4.64
- VM - 2 Core, 8 GB RAM or higher: per hour - 6.86
- VM - 4 Core, 8 GB RAM or higher: per hour - 10.94
- VM - 8 Core, 16 GB RAM or higher: per hour - 11.29
- VM - 4 Core, 32 GB RAM or higher: per hour - 16.15
- VM - 8 Core, 64 GB RAM or higher: per hour - 20.13
- VM - 16 Core, 128 GB RAM or higher: per hour - 23.67
- VM - 32 Core, 256 GB RAM or higher: per hour - 33.03
- VM - 64 Core, 512 GB RAM or higher: per hour - 39.84
- VM - 128 Core, 1024 GB RAM or higher: per hour - 38.65
- VM - 256 Core, 2048 GB RAM or higher: per hour - 50.35
- VM - 512 Core, 4096 GB RAM or higher: per hour - 72.10
- VM - 1024 Core, 8192 GB RAM or higher: per hour - 96.36

**Windows Server:**
- VM - 2 Core, 2 GB RAM or higher: per hour - 1.24
- VM - 4 Core, 4 GB RAM or higher: per hour - 4.83
- VM - 8 Core, 8 GB RAM or higher: per hour - 9.94
- VM - 16 Core, 16 GB RAM or higher: per hour - 20.71
- VM - 32 Core, 32 GB RAM or higher: per hour - 33.03
- VM - 64 Core, 64 GB RAM or higher: per hour - 67.15

**Containers – Open Linux Server (CentOS / Ubuntu / Debian / etc.):**
- VM - 8 Core, 2 GB RAM or higher: per hour - 2.18
- VM - 4 Core, 4 GB RAM or higher: per hour - 3.26
- VM - 2 Core, 8 GB RAM or higher: per hour - 5.48
- VM - 4 Core, 8 GB RAM or higher: per hour - 8.54
- VM - 8 Core, 16 GB RAM or higher: per hour - 9.87
- VM - 4 Core, 32 GB RAM or higher: per hour - 13.32
- VM - 8 Core, 64 GB RAM or higher: per hour - 18.04
- VM - 16 Core, 128 GB RAM or higher: per hour - 18.33
- VM - 32 Core, 256 GB RAM or higher: per hour - 23.58
- VM - 64 Core, 512 GB RAM or higher: per hour - 28.00
- VM - 128 Core, 1024 GB RAM or higher: per hour - 35.57
- VM - 256 Core, 2048 GB RAM or higher: per hour - 40.65

**Containers – Linux Server (RHEL):**
- VM - 8 Core, 2 GB RAM or higher: per hour - 2.18
- VM - 4 Core, 4 GB RAM or higher: per hour - 3.26
- VM - 2 Core, 8 GB RAM or higher: per hour - 5.48
- VM - 4 Core, 8 GB RAM or higher: per hour - 8.54
- VM - 8 Core, 16 GB RAM or higher: per hour - 9.87
- VM - 4 Core, 32 GB RAM or higher: per hour - 13.32
- VM - 8 Core, 64 GB RAM or higher: per hour - 18.04
- VM - 16 Core, 128 GB RAM or higher: per hour - 18.33
- VM - 32 Core, 256 GB RAM or higher: per hour - 23.58
- VM - 64 Core, 512 GB RAM or higher: per hour - 28.00
- VM - 128 Core, 1024 GB RAM or higher: per hour - 35.57
- VM - 256 Core, 2048 GB RAM or higher: per hour - 40.65

**Financials**
VM - 16 Core, 112 GB RAM or higher
per hour

VM - 32 Core, 128 GB RAM or higher
per hour

VM - 244 GB RAM or higher
per hour

Database - Open Source (Postgres / MySQL / etc)

VM - 1 Core, 2 GB RAM or higher
per hour
VM - 4 Core, 8 GB RAM or higher
per hour
VM - 8 Core, 16 GB RAM or higher
per hour
VM - 16 Core, 32 GB RAM or higher
per hour
VM - 32 Core, 64 GB RAM or higher
per hour
VM - 64 Core, 128 GB RAM or higher
per hour

Database - MS SQL Standard Edition (Windows VM)

VM - 1 Core, 2 GB RAM or higher
per hour
VM - 4 Core, 8 GB RAM or higher
per hour
VM - 8 Core, 16 GB RAM or higher
per hour
VM - 16 Core, 32 GB RAM or higher
per hour
VM - 32 Core, 64 GB RAM or higher
per hour
VM - 64 Core, 128 GB RAM or higher
per hour

Database - MS SQL Enterprise Edition (Windows VM)

VM - 1 Core, 2 GB RAM or higher
per hour
VM - 4 Core, 8 GB RAM or higher
per hour
VM - 8 Core, 16 GB RAM or higher
per hour
VM - 16 Core, 32 GB RAM or higher
per hour
VM - 32 Core, 64 GB RAM or higher
per hour
VM - 64 Core, 128 GB RAM or higher
per hour

Database - Oracle Standard Edition

VM - 1 Core, 2 GB RAM or higher
per hour
VM - 4 Core, 8 GB RAM or higher
per hour
VM - 8 Core, 16 GB RAM or higher
per hour
VM - 16 Core, 32 GB RAM or higher
per hour
VM - 32 Core, 64 GB RAM or higher
per hour
VM - 64 Core, 128 GB RAM or higher
per hour

Managed Database - Open Source (Postgres / MySQL / etc)

VM - 1 Core, 2 GB RAM or higher
per hour
VM - 4 Core, 8 GB RAM or higher
per hour
VM - 8 Core, 16 GB RAM or higher
per hour
VM - 16 Core, 32 GB RAM or higher
per hour
VM - 32 Core, 64 GB RAM or higher
per hour
VM - 64 Core, 128 GB RAM or higher
per hour
### Managed Database - MS SQL Standard Edition (Windows VM)

<table>
<thead>
<tr>
<th>Unit</th>
<th>Capacity</th>
<th>Price per GB per month</th>
<th>Price per VM per hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 GB RAM or higher</td>
<td>per GB per month</td>
<td>3,39</td>
<td>7.94</td>
</tr>
<tr>
<td>32 GB RAM or higher</td>
<td>per GB per month</td>
<td>3,39</td>
<td>7.94</td>
</tr>
<tr>
<td>64 GB RAM or higher</td>
<td>per GB per month</td>
<td>3,39</td>
<td>7.94</td>
</tr>
<tr>
<td>128 GB RAM or higher</td>
<td>per GB per month</td>
<td>3,39</td>
<td>7.94</td>
</tr>
</tbody>
</table>

### Managed Database - MS SQL Enterprise Edition (Windows VM)

<table>
<thead>
<tr>
<th>Unit</th>
<th>Capacity</th>
<th>Price per GB per month</th>
<th>Price per VM per hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 GB RAM or higher</td>
<td>per GB per month</td>
<td>3,39</td>
<td>7.94</td>
</tr>
<tr>
<td>32 GB RAM or higher</td>
<td>per GB per month</td>
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<td>7.94</td>
</tr>
<tr>
<td>64 GB RAM or higher</td>
<td>per GB per month</td>
<td>3,39</td>
<td>7.94</td>
</tr>
<tr>
<td>128 GB RAM or higher</td>
<td>per GB per month</td>
<td>3,39</td>
<td>7.94</td>
</tr>
</tbody>
</table>

### Managed Database - Oracle Standard Edition

<table>
<thead>
<tr>
<th>Unit</th>
<th>Capacity</th>
<th>Price per GB per month</th>
<th>Price per VM per hour</th>
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<tr>
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<td>32 GB RAM or higher</td>
<td>per GB per month</td>
<td>3,39</td>
<td>7.94</td>
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<td>7.94</td>
</tr>
<tr>
<td>128 GB RAM or higher</td>
<td>per GB per month</td>
<td>3,39</td>
<td>7.94</td>
</tr>
</tbody>
</table>

### Managed Database - Oracle Enterprise Edition

<table>
<thead>
<tr>
<th>Unit</th>
<th>Capacity</th>
<th>Price per GB per month</th>
<th>Price per VM per hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 GB RAM or higher</td>
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<td>3,39</td>
<td>7.94</td>
</tr>
<tr>
<td>32 GB RAM or higher</td>
<td>per GB per month</td>
<td>3,39</td>
<td>7.94</td>
</tr>
<tr>
<td>64 GB RAM or higher</td>
<td>per GB per month</td>
<td>3,39</td>
<td>7.94</td>
</tr>
<tr>
<td>128 GB RAM or higher</td>
<td>per GB per month</td>
<td>3,39</td>
<td>7.94</td>
</tr>
</tbody>
</table>

### Storage (Unit Rate in Rs. (excluding taxes))

- **Premium Block Storage (SSD)** for Database - Production Environment (Rate to be quoted for usable capacity configured on RAID1+0)
  - per GB per month: 3.39
  - per GB per month: 7.94
- **Standard Block Storage for Database - Development / Pre-Production Environment (Rate to be quoted for usable capacity configured on RAID1+0)**
  - per GB per month: 1.81
- **Object Storage for unstructured data (Rate to be quoted for usable capacity)**
  - per GB per month: 0.82
- **Archival Storage (Rate to be quoted for usable capacity)**
  - per GB per month: 0.13

### Backup Services (Unit Rate in Rs. (excluding taxes))

- **Backup service for Storage**
  - per GB per month: 0.82
  - per GB per month: 1.32
- **Backup service for VM**
  - per VM per month: 217.66

### Financials

- **Total Revenue**
  - 320,000
  - 1,400,99

---

*Page 3*
## Financials

### Application Performance Monitoring
- per test per month: 542.81
- 190.50
- 191.55
- 630.00
- NO

### Vulnerability Assessment Tool
- per test per month: 1,200.00
- 520.50
- 190.50
- 191.55
- 630.00
- 50,049.77

### Data Transfer Out (Egress)
- per GB per month: 4.93
- 6.20
- 7.14
- 3.15
- 7.51

### Application Load Balancer
- per Load Balancer per month: 0.00
- 904.94
- 1,085.63
- 1,953.00
- 1,174.45

### Network Load Balancer
- per month: 346.55
- 436.08
- 21.41
- 1,953.00
- 1,174.45

### Web Application Firewall
- per Firewall per month: 4,668.85
- 7.30
- 8.40
- 1,890.00
- 341.25

### IPSec VPN Connection
- per month: 3.70
- 6.51
- 11.30
- 2,305.80
- 2,457.00

### Disaster Recovery Services (Unit Rate in Rs.)

<table>
<thead>
<tr>
<th>i</th>
<th>50 Mbps</th>
<th>per month</th>
<th>3,431.72</th>
<th>2724.47</th>
<th>36,286.84</th>
<th>1,383.48</th>
<th>1,474.20</th>
</tr>
</thead>
<tbody>
<tr>
<td>ii</td>
<td>100 Mbps</td>
<td>per month</td>
<td>6,239.49</td>
<td>4957.22</td>
<td>73,168.55</td>
<td>2,766.96</td>
<td>2,948.40</td>
</tr>
<tr>
<td>iii</td>
<td>200 Mbps</td>
<td>per month</td>
<td>9,047.25</td>
<td>7170.97</td>
<td>1,36,819.24</td>
<td>3,689.28</td>
<td>5,896.80</td>
</tr>
<tr>
<td>iv</td>
<td>300 Mbps</td>
<td>per month</td>
<td>18,094.51</td>
<td>1260.30</td>
<td>2,09,987.79</td>
<td>5,533.92</td>
<td>8,845.20</td>
</tr>
<tr>
<td>v</td>
<td>400 Mbps</td>
<td>per month</td>
<td>18,094.51</td>
<td>13100.30</td>
<td>4,19,975.59</td>
<td>7,378.56</td>
<td>11,793.60</td>
</tr>
<tr>
<td>vi</td>
<td>500 Mbps</td>
<td>per month</td>
<td>18,094.51</td>
<td>14200.93</td>
<td>3,09,330.45</td>
<td>9,223.20</td>
<td>14,742.00</td>
</tr>
<tr>
<td>vii</td>
<td>1 Gbps</td>
<td>per month</td>
<td>27,204.16</td>
<td>21200.42</td>
<td>5,17,533.64</td>
<td>15,218.28</td>
<td>14,742.00</td>
</tr>
</tbody>
</table>

### Dedicated MPLS Connectivity - Port Charges (excludes ISP charges)

| i | NON | per month | 656.96 | 1,292.19 | 1,487.17 | 1,198.80 | 50% |
| ii | For database servers | % of VM cost or fixed charges per VM per month | 1,026.50 | 1,292.19 | 1,487.17 | 0.00 | 0.00 |
| iii | For block storage | % of block storage cost or fixed charges per GB per month | 1,501.38 | 1,292.19 | 1,487.17 | 100% | 0.00 |
| iv | For object storage | % of object storage cost or fixed charges per GB per month | 4.95 | 257.60 | 1.32 | 4.10 | 100% |

### 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.

| i | 50 Mbps | per month | NA | NA | NA | NA | NA |
| ii | 100 Mbps | per month | NA | NA | NA | NA | NA |
| iii | 200 Mbps | per month | NA | NA | NA | NA | NA |
| iv | 300 Mbps | per month | NA | NA | NA | NA | NA |
| v | 400 Mbps | per month | NA | NA | NA | NA | NA |
| vi | 500 Mbps | per month | NA | NA | NA | NA | NA |
| vii | 1 Gbps | per month | NA | NA | NA | NA | NA |

### 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.

<p>| i | 50 Mbps | per month | 656.96 | 1,292.19 | 1,487.17 | 1,198.80 | 50% |
| ii | For database servers | % of VM cost or fixed charges per VM per month | 1,501.38 | 1,292.19 | 1,487.17 | 100% | 0.00 |
| iii | For block storage | % of block storage cost or fixed charges per GB per month | 4.95 | 257.60 | 1.32 | 4.10 | 100% |
| iv | For object storage | % of object storage cost or fixed charges per GB per month | 0.85 | 1.21 | 1.32 | 1.58 | 100% |</p>
<table>
<thead>
<tr>
<th>Migration Services Cost</th>
<th>NA</th>
<th>NA</th>
<th>NA</th>
<th>NA</th>
</tr>
</thead>
</table>

**Note:** Migration services scope is NOT included under the Managed Services Cost.

243. **Low complexity application (< 5 VMs)**

| One time cost per application to be migrated | 25,000.00 | 7,500.00 | 0.00 | 6,300.00 | 2,000.00 |

244. **Moderate complexity application (5 - 10 VMs)**

| One time cost per application to be migrated | 25,000.00 | 12,500.00 | 0.00 | 11,250.00 | 5,000.00 |

245. **High complexity application (> 10 VMs)**

| One time cost per application to be migrated | 50,000.00 | 15,000.00 | 0.00 | 27,000.00 | 10,000.00 |

| Cloud Managed Services Cost | NA | NA | NA | NA | NA |

**Note:** In case the Client does not have the 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.

246. **Low complexity application (< 5 VMs)**

| One time cost per application to be migrated | 25,000.00 | 7,500.00 | 10,000.00 | 6,300.00 | 1,000.00 |

247. **Moderate complexity application (5 - 10 VMs)**

| One time cost per application to be migrated | 25,000.00 | 12,500.00 | 20,000.00 | 11,250.00 | 1,000.00 |

248. **High complexity application (> 10 VMs)**

| One time cost per application to be migrated | 50,000.00 | 15,000.00 | 50,000.00 | 27,000.00 | 10,000.00 |

**Additional Services**

249. **Next Generation Firewall**

| per instance per month | 54,800.24 | NO | NO | 1,890.00 | NO |

250. **DevOps as a Service**

| per user per month | 360.33 | NO | NO | 126.00 | NO |

251. **SSL Certificate Manager**

| per month | 1,000.00 | NO | NO | 47.25 | NO |

252. **SSL Certificate (Based on validation level)**

| per instance per month | 1,000.00 | NO | NO | 729.70 | NO |

253. **Organization Validated Certificates (OV SSL)**

| per instance per month | 666.67 | NO | NO | 167.95 | NO |

254. **Domain Validated Certificates (DV SSL)**

| per instance per month | 416.67 | NO | NO | 19.79 | NO |

255. **SSL Certificate (Based on number of secured domains)**

| NO | NA | NA | NA | NA |

256. **Wildcard SSL certificate**

| per instance per month | 1,833.00 | NO | NO | 503.95 | NO |

257. **Multi-domain SSL Certificate (MDC)**

| per instance per month | 1,833.00 | NO | NO | 188.37 | NO |

258. **Unified Communications Certificate (UCC)**

| per instance per month | NO | NO | NO | 188.37 | NO |

259. **Windows Server VM - 32 Core, 875 GB RAM or higher**

| per hour | 417.01 | 311.68 | NO | 280.21 | NO |

260. **MS SQL Standard Edition (Windows VM) - 32 Core, 875 GB RAM or higher**

| per hour | 660.12 | 491.46 | NO | 549.01 | NO |

261. **MS SQL Enterprise Edition (Windows VM) - 32 Core, 875 GB RAM or higher**

| per hour | 1,057.51 | 985.86 | NO | 1,120.21 | NO |