



## GOVERNMENT OF KERALA

### Abstract

LSGD- Usage of Cloud for Integrated Local Governance Management System (ILGMS) Software - Recommendations of Technical Committee - Request of Executive Director, IKM- Sanction accorded - Orders issued.

### LOCAL SELF GOVERNMENT (IB) DEPARTMENT

G.O.(Rt)No.2621/2021/LSGD Dated,Thiruvananthapuram, 22/12/2021

- Read 1. GO (Rt) No. 1554/2021 /LSGD dated 12/08/2021.
- 2 Minutes of the Technical Committee Meeting held on 23/10/2021.
- 3 Letter No. 1633/O&M/IKM /2021 dated 1/11/2021 from Executive Director, IKM.
- 4 Government Letter No. LSGD-IB1/126/2021- LSGD dated 26/11/2021.
5. Letter No. 1633/ O&M/2021/IKM dated 6/12/2021.

### ORDER

The Executive Director, Information Kerala Mission (IKM), as per the letter read as 3<sup>rd</sup> paper above, has furnished the minutes of the Technical Committee meeting held on 23/10/2021 for the Technical scrutiny of the report cum action plan prepared by IKM for the roll out of Integrated Local Governance Management System (ILGMS ) in all Local Self Government Institutions across the state. In this respect as per the Government letter read as 4<sup>th</sup> paper above Executive Director, IKM has been requested to submit a suitable proposals based on the points in the Minutes of the meeting in which further Government level action is required.

2.As per the letter read as 5<sup>th</sup> paper above Executive Director, IKM has informed that based on the recommendation by the Technical Committee, IKM had requested Centre for Development of Imaging Technology (C-DIT) for a proposal for providing the cloud services from Ministry of Electronics and Information

Technology(MeitY) empanelled Cloud Service Providers (CSP) as per the Terms and Conditions, since C-DIT is the Technical Support Provider and providing cloud services for departments and institutions under the State Government and regarding object storage for the roll out, it could be availed from cloud and when State Data Centre (SDC) acquires sufficient storage facility, the department may migrate the same to SDC on need basis. Based on this, C-DIT submitted a proposal for the cloud services from Amazon Web Services (AWS), one of the MeitY empanelled CSP. As per the proposal the approximate monthly charges is Rs.1,50,000/- (Rupees One Lakh and Fifty Thousand Only) and a one-time implementation charge is Rs.30,000/- (Rupees Thirty thousand Only) excluding GST.

3. In the circumstances IKM has sought Government sanction for the following:-

i). Permit IKM to use Amazon Web Services (AWS) cloud services through C-DIT, for ILGMS software development subject to terms and conditions and to use the necessary Computing Storage and Services of AWS Cloud for ILGMS software.

ii). For rolling out ILGMS permission to avail object storage, including backups, also from AWS through C-DIT.

iii). The amount shall be met from the existing state plan fund sanctioned to IKM from the amounts provisioned for Application Software Development and Management and for infrastructure Management.

4. Government have examined the matter in detail and are pleased to accord sanction to Information Kerala Mission for the following:-

i). To use AWS cloud services for ILGMS software development through C-DIT, subject to the following terms and conditions and to use the necessary Computing Storage and Services of AWS Cloud for ILGMS software.

- The cloud Service provider (CSP) should be empanelled by Ministry of Electronics and Information Technology (MeitY), Govt of India and audited by STQC.
- The CSP must be operating in multiple Data Centres in India. The DC and the DR should be in different physical locations. The primary and DR Data Centre (Cloud) shall be physically located in India. The proposed Data centre for DR should be in different data centres. The data should not be transferred outside of country's boundary.
- The cloud Services offered by the CSP should be certified for ISO 27001 (latest version), ISO 27017:2015, ISO 27018:2015.
- The CSP must offer 99.99% uptime SLA on compute service from the India region
- The CSP has to provide 24 hours support for all the calendar days of the year to resolve issues related to cloud infrastructure and services both voice



based as well as email based. Should have provision of ticket generation with notifications of id generated at time of booking complaint and at time of closing of complaint. Open ended class/tickets should be with escalation mechanism.

- The CSP should provide all variants of cloud services as per MeitY guidelines Infrastructure as a Service (IaaS), platform as a service (Paas), Software as a service (SaaS).
- The CSP shall abide by the data protection Govt. of India including IT Act and its amendments carried out by Govt. of India from time to time.
- Information Kerala Mission (IKM) shall retain ownership of all virtual machines, templates, clones, scripts any user created/loaded data and applications hosted on CSPs infrastructure created for the departments application. IKM retains the right to request (or should be able to retrieve) full copies of these virtual machines at any time.
- IKM retains ownership of the loaded software installed on virtual machines and any application or product that is deployed on the Cloud by the Government Department.
- IKM shall be provided access rights (including the underlying secure connection) to the user administration/portal of Cloud services to have visibility into the dashboard, SLAs, management reports, etc provided by the Cloud Service Providers.
- Necessary certificates, declarations, letters, etc from CSP shall be enclosed.

ii). To avail object storage, including backups, also from AWS through C-DIT, for rolling out of ILGMS.

iii). To meet the amount for the purpose from the amount sanctioned to IKM as per the Annual Plan scheme for ILGMS Software Development and also for infrastructure upgrade and maintenance as per the Government Order read as 1<sup>st</sup> above.

(By order of the Governor)  
Shibi Abraham  
Deputy Secretary

To:

The Executive Director, Information Kerala Mission,  
Thiruvananthapuram.  
Director, Kerala State IT Mission, Pattom, Thiruvananthapuram  
Director, C-DIT, Thiruvananthapuram

The Accountant General (E&RSA / G&SSA),Kerala,Thiruvananthapuram  
The Accountant General (A&E) Kerala, Thiruvananthapuram  
The Information and Public Relations (Web & New Media) Department  
Stock file / Office Copy.

Forwarded /By order



Section Officer

Copy To:-

PS to Chief Minister

PS to Minister (LSGD & Excise)