

GOVERNMENT OF KARNATAKA

**RFP for Selection of System Integrator for KSWAN  
Operation & Maintenance**

**Tender No. CEG/KSWAN/**



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**REQUEST FOR PROPOSAL (RFP) NOTICE**

This Tender Document is being published by Centre for e-Governance, Government of Karnataka known in this document as “CeG” for RFP for Selection of System Integrator for KSWAN Operation & Maintenance

All interested bidders shall pay EMD and Tender Processing fee well in advance and submit their Technical and Commercial bid responses electronically using the unified e-Procurement platform <https://www.kppp.karnataka.gov.in>

Bidders are advised to study this RFP carefully before submitting their bids in response to this RFP notice. Submission of a bid, in response to this notice, shall be deemed to have been done, after careful study and examination of this document with full understanding of its terms, conditions and implications.

Before submission of bids, bidders must ensure that the soft copy of all the necessary documents have been attached with the bid. CeG is not responsible for delay in bid submission due to any reason. Bidders are advised to submit the necessary EMD, Tender fees and bid documents on the e-Procurement Portal well in advance. Bidder agencies are requested to attend pre-bid meeting as per details provided on the e-Procurement Portal.

## RFP for Selection of System Integrator for KSWAN Operation & Maintenance

### Key Information to Bidders:

No.	Information	Details
1.	RFP Name	RFP for Selection of System Integrator for KSWAN O&M
2.	RFP Reference No.	Please refer e-Procurement portal.
3.	RFP release date	
4.	Last date for submission of written queries for clarifications	
5.	Date & Time of pre-bid meeting	
6.	Release of response to clarifications	
7.	Last date (deadline) for receipt of proposals in response to RFP notice	
8.	Place, Time, and Date of opening of technical proposals	
9.	Place, Time and Date of opening of financial proposals	
10.	For Queries Contact	Program Director – KSWAN Center for e-Governance Room No 11, Ground Floor, Vikasa Soudha, Dr Ambedkar Veedhi, Bengaluru 560001 Telephone – 080 22373826 E Mail: <a href="mailto:pdkswan@karnataka.gov.in">pdkswan@karnataka.gov.in</a> <a href="mailto:pmkswan@karnataka.gov.in">pmkswan@karnataka.gov.in</a>
11.	Submission Type	Online through e-Procurement Portal <a href="https://www.kppp.karnataka.gov.in">https://www.kppp.karnataka.gov.in</a>
12.	Cost of Tender Document	Nil
13.	EMD	Rs.23,00,000/-
14.	Bid Validity Period	180 days from the date of opening of proposals
15.	Deadline/ last date for furnishing performance security	Within 14 days from award of LoI
16.	PBG	5% of contract value
17.	Performance Security validity period	1 year with additional 3 months of claim period
18.	Deadline / Last date for signing contract	Within 14 days from the date of award

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## **1. Introduction**

Karnataka State-Wide Area Network (KSWAN) 1.0 was set-up (December 2009) under CeG with the assistance of Government of India for providing reliable and most secure Data, Voice & Video connectivity to different user departments across Karnataka. In KSWAN 1.0 project total of 3,000 offices of 64 Departments were connected. The network was implemented and managed by the System Integrator M/s UTL on BOOT (Build, Own, Operate and Transfer) model over a period of five years

The extension of Project was termed as KSWAN and implemented in the year 2017. Under KSWAN 2.0 project all the PoPs were connected with Secondary Telecom System Integrator (TSP) links thus increasing network availability. Power backup was strengthened by installing Solar UPS at all the PoP location.

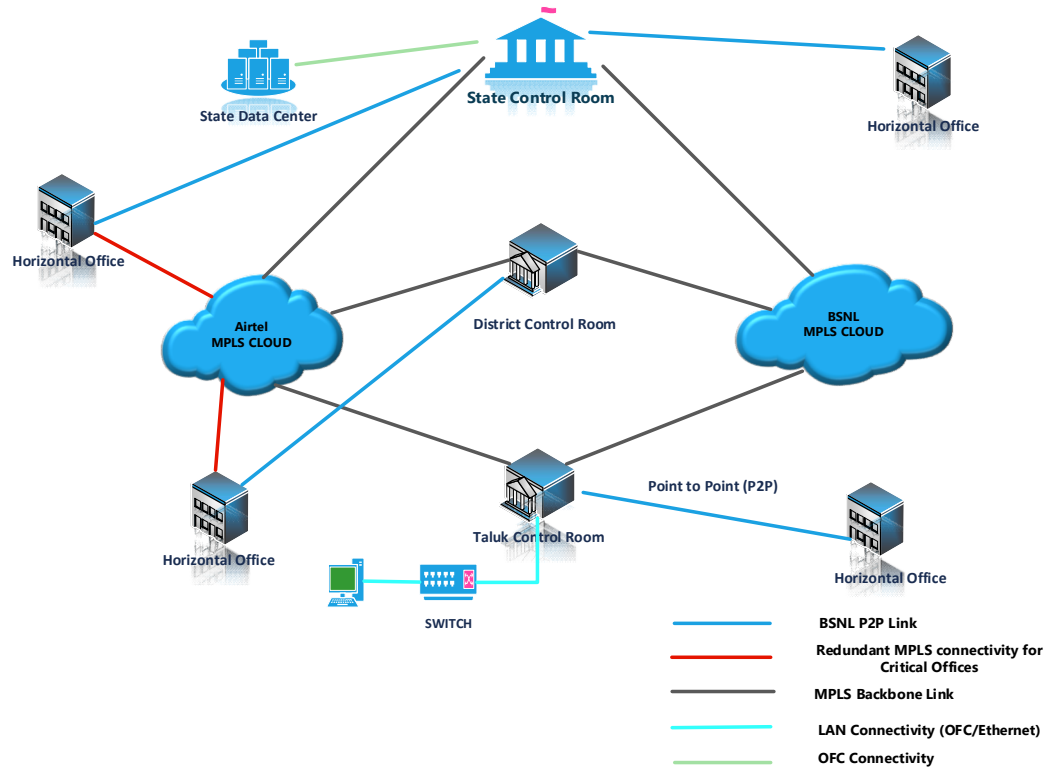
KSWAN the critical network infrastructure of the state connected about 6500 offices of all the departments spread across the state, enabling departments to access the applications hosted at State Data Center, conduct Video Conference, e-mail, e- office etc., and also the internet.

The KSWAN2.0 infrastructure has been operated and maintained by WIPRO as per the contract terms and conditions for a period of 5 years. The bandwidth is being provided by BSNL (Primary System Integrator) and Airtel (secondary System Integrator). The other operators viz., Vodafone and Reliance Jio are also empaneled to provide bandwidth.

Currently, the network is being managed by M/s United Telecom Limited with the scope of operation and maintenance of the KSWAN 2.0 network.



## 1.1 Present Architecture of KSWAN



**Figure 1: Existing Technical Architecture of KSWAN**

**Figure 1** Depict the existing communication network setup of KSWAN. The KSWAN network connects the Government Offices at State Headquarter (SCR) Bengaluru, District Control Rooms (DCRs) and Taluk Control Rooms (TCRs). There are multiple Horizontal Offices which are connected to the SCR, DCRs and TCRs. A total of 30 DCR, 147 TCR and around 8000 Horizontal Offices are connected under KSWAN.

All DCRs and TCRs locations connected to the SCR ranging from 20 to 150 Mbps bandwidth over the BSNL network through MPLS link as primary. The DCRs and TCRs are also connected to SCR over the MPLS network provisioned by M/s Airtel as secondary. The Horizontal Offices are connected at all the levels i.e., SCR, DCRs, and TCRs.

This RFP is for the Selection of a System Integrator for KSWAN Operation & Maintenance for a period 1 year.

## **2. Key Stakeholders & Governance Structure**

GoK provide the necessary infrastructure, platform and software deployment requirements for various e-Governance projects in the state. Most of the state Government departments use this common infrastructure setup to host their software applications. Existing Key stakeholders are:

### **2.1 Key Stakeholders**

- i. **Project owner** –Government of Karnataka (GoK)
- ii. **Implementing Agency** – Centre for e-Governance, GoK
- iii. **Bandwidth System Integrators** –National Knowledge Network (NKN), BSNL, M/s Reliance Jio, M/s Airtel and M/s Vodafone
- iv. **KSWAN Operator** –M/s United Telecom Pvt. Ltd
- v. **Data Centre Operator** – M/s Orange Business Services Ltd
- vi. **SECLAN Operator** – M/s Inspira Enterprises Pvt Ltd
- vii. **End Users / User Departments** – Karnataka Government Departments / Boards / Corporations / Institutions and Citizens.
- viii. **Third Party Monitoring Agency**–M/s Grant Thornton.

The roles, responsibilities, and obligations of various partners are clearly defined, to have more accountability from the partners during the life cycle of the project. The project Governance structure has been defined for managing the transition and operational aspects of the KSWAN project. The governance structure shall be as described below:

### **2.2 Governance Structure of GoK for KSWAN:**

The governance structure for the KSWAN project is described below:

**Chairman, CeG**

Secretary (or Principal Secretary or Additional Chief Secretary), DPAR (e-Governance)

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is the ex-officio Chairman of Centre for e-Governance (CeG). Chairman, CeG is the overall in-charge of all the projects of CeG.

### **Chief Executive Officer, CeG**

CEO, CeG oversees all the projects executed by Centre for e-Governance.

### **Program Director, KSWAN:**

The Program Director, KSWAN shall be responsible for the overall implementation and operations of this project in the State. Responsibilities of the Program Director include:

- a. Close coordination with all the participating departments on their requirement of KSWAN.
- b. Interacting with the Nodal Officer appointed by each department for KSWAN.
- c. Coordinating with the Data Centre Operator, Internet providers and signing SLAs with vendors.
- d. Engaging third party agency for auditing purposes
- e. Manage release of funds and fund management.
- f. Levying penalties on the KSWAN System Integrator if SLAs are breached.
- g. Overseeing activities of various teams working on this project.

### **KSWAN Team:**

KSWAN team is a team of professionals sourced from the market who will be working with KSWAN project team to ensure supervision and maintenance of KSWAN operations.

Responsibilities include:

- a. Day to day supervision of operations and issues
- b. Liaison between the successful bidder, and the departments already with KSWAN and the new departments willing to get on boarded
- c. Coordinate with the successful bidder and other CeG entities like SECLAN, KSDC, vendors engaged with SDC & SECLAN etc.
- d. Work under directions of Program Director, KSWAN to ensure availability of KSWAN services for GoK and its departments
- e. Supervise KSWAN project team deployed by outsourced vendor for compliance with this RFP
- f. Act as technical expert within CeG in the area of KSWAN management, Database, Application and IT information Security

### **3. Objectives**

The project's main objective is Selection of System Integrator for KSWAN Operation and Maintenance. The scope of work is outlined below:

#### **3.1 Scope of work of KSWAN System Integrator:**

The scope of work for the successful bidder i.e. KSWAN System Integrator is to provide network services for the entire Karnataka State Wide Area Network (KSWAN) as detailed below

- i. Taking over of the existing KSWAN equipment and infrastructure
- ii. Maintenance and monitoring of the KSWAN WAN and LAN infrastructure
- iii. Liaison with the stakeholders.
- iv. Operation, maintenance and upkeep of PoPs
- v. Maintenance and operation of video conferencing infrastructure
- vi. Operation and maintenance of Network Management System (NMS)

#### **3.2 Taking over of the existing KSWAN equipment**

1. The bidders are strongly advised to study the existing network by way of a site survey at their own cost and risk to get first-hand information on the existing KSWAN infrastructure and equipment at Points of Presence (PoPs) and at user department premises (Remote Offices). The successful bidder (KSWAN System Integrator) has to take over all the equipment from the existing System Integrator of KSWAN at PoPs (TCRs, DCRs and SCR) and at user department premises. The existing System Integrator shall hand over the existing project equipment at all locations in working condition with valid licenses to the KSWAN System Integrator. A jointly signed "taken over/ handing over" document (by the incumbent System Integrator and the successful bidder) should be submitted to CeG within 15 days from the date of issue of the Letter of Intent (LOI) for KSWAN. Refer to Section Handover/Takeover detailed Handover/Takeover procedures.
2. As the network is live, both the existing System Integrator and newly appointed KSWAN System Integrator have to work in parallel for some period. First, at the SCR level, a smooth handover / taking over has to take place between the existing System Integrator and the KSWAN System Integrator. All the passwords and configuration details will be shared/ handed over with the new KSWAN System Integrator by the existing System Integrator. Then the District level KSWAN PoPs

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and Taluka level PoPs and remote offices shall be taken over by the KSWAN System Integrator. For detailed process of Handover / Takeover, please refer Handover /Takeover Section

3. The Air Conditioners in control rooms of PoP locations shall be tested using standard procedures to check their health. If the Air Conditioners are found to be not in healthy condition, the same shall be replaced and handed over to the KSWAN System Integrator by the incumbent System Integrator. If the Air Conditioner's health is found to be good, the KSWAN System Integrator shall take over the Air Conditioners (as per the terms and conditions of this RFP).

All the equipment in SCR, DCRs and TCRs and Remote offices shall be taken over by the KSWAN System Integrator

### **a. State Control Room (SCR)**

- i. SCR comprises Core Routers, Core Switches, Route Reflectors, Firewall, NMS Equipment, DNS Server, AAA Server, VC Equipment, NII, NKN Router, and Spare equipment. The successful bidder has to take over all these devices/equipment except Firewall and VC Server at SCR. However, the operations and handling of firewalls has to be in the scope of the successful bidder. The successful bidder has to deploy a Security expert to handle day-to-day operations and also liaison with the OEM for TAC support as and when required.

### **b. Remote Offices (depending on the type of connectivity)**

- i. Remote Office Router and modem (wherever applicable) for connectivity through leased line
- ii. Towers to be maintained till dismantled and disposed.
- iii. Operation of Video Conferencing Equipment by liaison with VC vendor, CeG and departments

Any disputes arising in handing over / taking over process shall be mediated by the third-party auditor (TPA) and CeG representatives.

## **3.3 Operation and Maintenance of KSWAN Equipment**

The successful KSWAN System Integrator shall operate and maintain the KSWAN backbone infrastructure and services offered by KSWAN backbone for a period of 1 year from the date of handover/takeover. The scope of work for operation and maintenance is detailed

below. The Successful bidder shall be responsible for the operation and maintenance of the network for 1 year from the date of the takeover.

1. Through the KSWAN project, the KSWAN System Integrator shall ensure all the relevant services that are in the scope of the KSWAN System Integrator. The Operation and maintenance shall be carried out by the KSWAN System Integrator as per the commercials of this RFP. If any additional resources have to be deployed by the KSWAN System Integrator for this purpose, the same shall be done at no additional cost to CeG.
2. The SI should undertake the configuration, operation and maintenance of the new routers/switches being provided by CeG/Department for establishing KSWAN connectivity to offices at 5% of the discovered product cost.
3. The services as per the scope of the contract shall include maintenance of the equipment; ensure performance of the services (Data, Video, Internet) as per the SLA. Primary responsibilities include:
  - i. Equipment configuration management
  - ii. Upgrading IOS to the latest version released by the OEM
  - iii. Upgrading Patches on all field equipment to the latest version released by the OEM.
  - iv. Regular periodic maintenance of the equipment as specified by the OEM for better performance and longevity.
  - v. The KSWAN System Integrator shall maintain the updated electronic form of all the KWAN2.0 assets and shall provide the same within 2 days, based on demand from CeG/GoK.
  - vi. To liaison with stakeholders (All Bandwidth providers of KSWAN, state government, local bodies, third party agencies/consultants appointed/identified by GoK) from an operational perspective.
  - vii. All software deployed by the KSWAN System Integrator on the KSWAN network shall be genuine licensed versions and shall be in the name of the CeG.
  - viii. The KSWAN System Integrator shall provide maintenance and support services at PoP locations and remote offices.
  - ix. The KSWAN System Integrator shall enter into an Annual Maintenance Contract (AMC) with the Original Equipment Manufacturers (OEM) for support and services (for both hardware and software) of existing KSWAN equipment (for equipment & quantity mentioned in the bill of material ) taken over from the existing System

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Integrator whichever in scope of the KSWAN System Integrator, from date of taking over of the equipment till the time the equipment is declared out of Hardware support by the OEM. For all the other equipment, once the equipment reaches out of Hardware support by the OEM, the same shall be replaced/upgraded with the new equipment as per the technical specifications and commercials of this RFP (CeG will take necessary action of replacement/upgradation).

- x. Currently, CeG has obtained OEM support for all the KSWAN IT equipment (Routers, Switches, AAA Servers etc). The Successful bidder has to take over the equipment, associated documents, and OEM support login Credentials from the incumbent System Integrator, and the same to be maintained during the contract period.
- xi. The Successful bidder has to obtain the OEM Support for the existing Solar(5KVA) and Conventional(6KVA) UPS working at various PoP locations across the state.
- xii. The Successful bidder has to obtain the OEM Support for the Bio-Metric Attendance devices.
- xiii. The Successful bidder has to obtain AMC support from OEM/Authorized Partners for the Air Conditioners which are working at various PoP locations across the state
- xiv. The AMC with OEM shall be in the name of the Centre for e-Governance. The amount shall be paid as per the payment terms and conditions, on submission of proof of AMC with the OEM.
- xv. The KSWAN System Integrator shall provide software updates free of cost or the components supported by them in KSWAN for a period of one year from date of acceptance. This will include the patch upgrade or any type of upgrade for router IOS, or any other software. Software updates shall be part of the supplies, at no additional costs.
- xvi. The successful bidder shall take comprehensive warranty or insurance for all the network equipment (at PoPs and at user department locations), from OEM, which includes damages due to lightning and power surges.
- xvii. The successful bidder also takes insurance for the KSWAN against theft and damages.

### **3.4 Scope of Supply, Installation and Commissioning**

Under this RFP, CeG intends to procure non-IT equipment as detailed in the commercial table.

**Non-IT Equipment: (Biometric device, UPS Battery Banks etc)**

**UPS Battery Banks**

- a. Upon issue of PO, the bidder shall replace the battery banks (100AH & 200 AH) of UPS, wherever required. The quantities are mentioned in the commercial Table.
- b. The Solar Panel efficiency shall be maintained at 95% and above throughout the one-year contract. All the periodic preventive maintenance (as per the schedule specified by OEM shall be done by the KSWAN System Integrator).
- c. The bidder shall quote the cost of new Solar (200AH) and Conventional (100AH) UPS battery banks after considering the buyback of the existing Solar and Conventional UPS battery banks.

**Bio Metric Devices with Centralized Server**

- a. The successful bidder is expected to deploy optimum number of operational staffs at all PoP as per the stated resource requirement.
- b. The successful bidder shall develop web based interface for monitoring the attendance of these operational staffs. The attendance management system shall be bio-metric enabled.
- c. Biometric authentication devices shall be supplied, installed and commissioned by successful bidder.
- d. TPA shall validate these devices. This system should also be integrated with NMS at State Control Room through KSWAN
- e. The SLA penalties related to Attendance shall be automatically generated through the integrated NMS.
- f. The operational staff shall be posted at every PoP to monitor the network & troubleshoot the problems related to the backbone and all KSWAN project facilities (LAN, WAN, Video Conferencing, etc).
- g. The operating staff shall record their biometric attendance twice in a day (in time and out time).
- h. They shall be in the administrative control of local GoK officials at concerned PoP location. If the staff are not logging biometric attendance due to field visits or other relevant reasons, prior information have to be given to CeG/TPA, so as the exception shall be logged in the attendance monitoring system. The exemption shall only be logged in by CeG/TPA.



- i. Any absence or refusal to perform duty as per the provisions of this RFP shall attract penalties given in this RFP.

#### **4. Survey, Design, Procure and Implementation of LAN and Upgradation of WAN**

The present KSWAN has both LAN and WAN components.

##### **4.1. Local Area Network**

The KSWAN System Integrator has to extend the KSWAN connectivity to few user department offices through LAN consists of Type-1 (LAN /OFC cable). Quantity is mentioned in Bill of material.

##### **4.2 Wide Area Network:**

The WAN connectivity components are vertical connectivity and Type-5 connectivity through leased circuit (P2P/MPLS) of bandwidth System Integrators.

The following WAN equipment/services shall be under the scope of work of the successful bidders.

- a. State control Room including the Core Routers, Route Reflectors key servers (if any), Internet routers, firewall, Internet hub and AAA server.
- b. Routers at Deputy Commissioner offices of Districts or Mini Vidhana Soudhas (MVS) at district level (District control Room router(s)) shall be in scope of KSWAN System Integrator
- c. Routers at Tahsildhar offices or Mini Vidhana Soudha (MVS) at Taluka level (Taluka Control room router) . This is in scope of KSWAN System Integrator
- d. Type -1 & Type-5 connectivity are in the scope of KSWAN System Integrator
- e. Few departments which are connected to WAN using routers procured by themselves.
- f. Providing IP schema for KSWAN shall be done by the successful bidder.

The successful bidder shall install, perform preliminary configuration and offer the newly installed routers/ switches for acceptance testing. The migration to the new devices shall be done during Extended Business Hours(EBH). If any problem erupts and not resolved within permitted down time during migration, the services shall be reverted to original equipment.

The KSWAN System Integrator shall manage and perform preliminary configuration of the WAN routers owned by respective departments (e.g. KIADB), liaise with the departments

if routers have to be repaired / replaced. The downtime due to failures of equipment owned by departments does not come under the purview of KSWAN System Integrator's SLA. Generally, the bandwidth System Integrators shall provide last mile equipment viz OFC system/RF system/MLLN Modem.

#### **5. Liaison with stakeholders**

1. GoK understands that the service levels offered by Bandwidth System Integrators are not in the KSWAN System Integrator's control. However, the KSWAN System Integrator shall be responsible for notifying NKN/BSNL/Airtel/Vodafone/RelianceJio for any problems associated with the network links (which cannot be rectified by the KSWAN System Integrator's team) and tracking the problem to a resolution/ closure. If required the successful bidder shall closely liaison with the field staff of Telecom Service Providers for early resolution of the faults.
2. The KSWAN System Integrator shall be responsible for obtaining approvals for any statutory & regulatory requirements from any of the authorities for the activities within the scope of this RFP. GoK shall provide all necessary support that will be required for obtaining such approvals. Further, the successful bidder shall be responsible to get required documentation completed for obtaining such approvals from time to time.
3. The KSWAN System Integrator shall also be responsible for obtaining necessary approvals and clearances from various other authorities such as municipal bodies, building in charge, owners of the building, etc. GoK will provide all necessary support that will be required for obtaining such approvals. Any cost associated with obtaining such approvals will have to be borne by the respective bandwidth System Integrators. This shall be used only for GoK purposes.

#### **6. Operation and maintenance of PoPs:**

The Operation and maintenance of POP includes the following:

- i. Upkeep of the POPs i.e maintaining cleanliness, Lighting and required temperature
- ii. Maintenance of Electric cables and fixtures (MCBs, AMF Panel) etc.,
- iii. Electrical Earth Equipment, and electrical devices (AC, UPS, DG etc)
- iv. Existing LAN and OFC LAN cables in SCR NOC room, other PoPs
- v. Existing LAN Cables laid to extend the KSWAN connectivity to departmental locations (including IO ports, Patch chords, and media converters).

- vi. Deployment of Resources as stipulated in this RFP.
- vii. It is the responsibility of the KSWAN System Integrator to maintain the network and the electrical infrastructure at the PoPs. All the network equipment and spares shall be kept in good working condition. In case of fault, the equipment shall be either repaired or replaced (if the equipment becomes irreparable) by the KSWAN System Integrator at no cost to GoK/CeG.
- viii. All the electrical equipment and accessories including lightning arrestors, protection equipment, Air Conditioners, backup power sources (UPS and DG), plugs, wires, etc. shall be maintained and if required replaced by the KSWAN System Integrator at his own cost.
- ix. The System Integrator shall pay the electricity bills of all the PoP locations and claim the bills for reimbursement. Any penalties by ESCOMs towards late payments shall not be reimbursed.
- x. The KSWAN System Integrator shall study the electrical safety installations in PoPs (such as fire detectors, fire alarms etc) and furnish a report to CeG/GoK within 1 month from the date of Signing of the contract. On approval, the KSWAN System Integrator shall carry out the work and submit the report of execution. The TPA/CeG representatives shall carry out the inspection and based on the report to CeG, the KSWAN System Integrator shall get paid at the PWD SR rates for the works executed. CeG also reserves the right to get the work done directly through PWD or any other state agency on a case by case basis.
- xi. CeG shall place a purchase order to KSWAN System Integrator for procuring Fire extinguishers at POPs as per the commercial table.
- xii. The KSWAN System Integrator shall also maintain an up-to-date inventory of all KSWAN commissioned equipment and spares that have been taken over from existing KSWAN operator. The list shall be made available for review and inspections quarterly by GoK/ Third Party Monitoring Agency.
- xiii. The successful bidder shall have to carry out minor civil and electrical works in the PoPs, if required, with the approval of CeG/GoK. CeG shall pay the cost for such civil and electrical works at the scheduled rates of PWD. Items which are not quoted/mentioned in this section but, needed for the work shall have their price based on the Scheduled price defined by PWD (Public Works Department) of GoK. If the work executed is not in the scheduled rate of PWD, then the rates derived by

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Superintending Engineer, Building Circle, Bangalore is final and the bidder needs to abide by the same. The work shall be completed within a reasonable period, which shall be mutually agreed.

- xiv. The successful bidder shall deploy minimum prescribed resources as given in the resource requirement section. At various PoPs, the bidder shall provide maintenance and support services.
- xv. The Successful bidder shall also maintain an up-to-date inventory of all KSWAN commissioned equipment and spares and make the same available for monthly review and inspections by GoK/ Third Party Monitoring Agency

### **6.1 Maintenance of Diesel Generators:**

- i. The Make, capacity of diesel generator are as given in Annexure 1. The successful bidder should maintain these generators (including AMF panels) during the period of contract, on best effort basis during the contract period.
- ii. The diesel for these DG sets shall also be supplied by the KSWAN System Integrator only. Sufficient stock of Diesel shall be maintained as the site requirements.
- iii. The DG capacity will be used only for PoP operations purposes.

### **6.2 Maintenance of UPS in KSWAN PoPs:**

- 1. The Capacity, make, model, and AMC details of existing Conventional & Solar UPS are enclosed in Annexure 2.
- 2. Each Solar and Conventional battery bank consists of 16 number of batteries.
- 3. The KSWAN System Integrator shall coordinate with the OEMs of these UPS for repair, and periodical maintenance of these UPS.
- 4. Soon after taken over from the existing KSWAN System Integrator, the KSWAN System Integrator shall enter into AMC with the OEMs of these UPS vendors for maintenance.
- 5. The KSWAN System Integrator shall ensure that power backup to the PoP equipment is available for more than 8 hours through the UPS system (with both the UPSs).
- 6. Upon issue of PO, the bidder shall replace the battery banks (100AH & 200 AH) of UPS, wherever required. The quantities are mentioned in the commercial Table.
- 7. The Solar Panel efficiency shall be maintained at 95% and above throughout the one-year contract. All the periodic preventive maintenance (as per the schedule specified by OEM shall be done by the KSWAN System Integrator).

8. The bidder shall quote the cost of new Solar (200AH) and Conventional (100AH) UPS battery banks and also quote for buyback of the replaced Solar and Conventional UPS battery banks.

**6.3 Air Conditioners of KSWAN PoPs:**

1. The Capacity, make and model and AMC details of existing Air Conditioners are enclosed in Annexure 3
2. The successful bidder shall maintain a temperature needed for the proper functioning of Network Equipment, UPS and batteries in the PoP location. Any additional Air Conditioners required for maintaining the requisite temperature shall be provided by the successful bidder.
3. The successful bidder shall take necessary measures to ensure that the Air conditioner consumes below the rated power prescribed by the OEM.

**6.4 Maintenance of Video Conferencing Equipment of KSWAN:**

1. The successful bidder shall operate the Video Conferencing Equipment at State, District and Taluka offices (Switch on/off, Connecting to Video Conferencing and operations like Zoom, change of angle etc)
2. The successful bidder shall maintain and operate the Common Video Conferencing Equipment at State Control Room and at Divisional DCRs
3. The successful bidder shall coordinate with the Video Conferencing Equipment Supplier(s) for the maintenance of the Video Conferencing facility

**6.5 Maintenance of Radio Masts and Towers of KSWAN:**

Currently, KSWAN has having following Radio Masts/Towers at various locations across the state

Sl. No.	Towers	Quantity
1.	30 Meters Ground based Tower	127 Nos.
2.	18 Meters Ground based Tower	208 Nos.
3.	9 Meters Roof Top Tower	65 Nos.
4.	3 Meters Pole	180 Nos.

- i. The successful bidder shall take over the above-mentioned Radio Masts/Towers

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from the incumbent System Integrator of KSWAN.

- ii. The successful bidder shall uphold the highest industry standards for maintaining the Radio Masts, Towers, and Poles. This includes ensuring that nuts and bolts are properly tightened, the vertical alignment is accurately maintained, and any corrective actions are promptly taken to address structural instability.
- iii. During the maintenance of Radio Masts/Towers & Poles, the successful bidder shall be paid as per the commercials discovered in the RFP proportionately.
- iv. The successful bidder shall maintain Radio Masts/Towers and Poles till they are dismantled.
- v. In the course of contract period, CeG intends to dismantle and dispose the towers by calling a separate RFP.
- vi. The successful bidder shall maintain all the above-mentioned Radio Masts/Towers till the completion of dismantling and disposal.
- vii. The successful bidder shall fully indemnify CeG, GoK against any liabilities arising during the maintenance of the Radio Masts/Towers and Poles.

### **7. Network Management System and EMS**

The existing Network Management System is CA Suite. The details of the specifications in this RFP. The KSWAN System Integrator shall make use of existing NMS modules for generating reports.

#### **7.1 Help Desk**

- i. For servicing the KSWAN users, the KSWAN System Integrator shall make use of existing centralized Help Desk number, E-mail and call tracking mechanism. KSWAN users can log the queries / complaints, which should be resolved as per the Service Level requirements.
- ii. The Help Desk will respond to and resolve the problems as per the SLA. The bandwidth System Integrators shall keep CeG/GoK informed about the progress of their respective tickets by contacting the GoK at regular intervals.
- iii. Problems shall be classified into various levels of priority mentioned in the SLA. The assigned priority for each problem shall dependent upon:
  - iv. The extent of the problem's impact on the usability of the system.
  - v. The percentage of KSWAN users affected by the problem.

- vi. The initial assignment of priorities is the responsibility of the Help Desk's Problem Manager. However, the GoK can change or challenge the priority assigned to a particular problem and the procedures that exist for escalating a problem to progressively higher management levels for each call, until the agreement is secured.
- vii. The precise definition of problem priorities should be documented in the Successful bidder's Problem Management procedures.
- viii. Troubleshooting of network related issues, multimedia related issues, security issues and 3<sup>rd</sup> party coordination for issues escalated.
- ix. There shall be prescribed resources as specified in the resource requirement section of this Volume. All the problems/queries at local offices will be reported by any departmental user as defined below in "Problem Resolution and Sign-Off" section. The users can track the status of the call by using the Trouble Ticket number which they would receive either through the online mechanism or on the Toll Free call made to the Resident engineer who would provide the Ticket number to the user. The Resident engineer will resolve the problem on the basis of priority and severity and within given SLA metrics.
- x. Help Desk shall also be responsible for managing problems/incidents related to each PoP of KSWAN. Help Desk shall ensure timely response by assigning the problem/incident to resident engineer at that PoP on priority basis.

## **8. Documentation**

1. The KSWAN System Integrator shall document all the field installation and commissioning procedures and provide the same to the CeG/GoK within one week of the completion of the acceptance testing of the equipment.
2. Manufacturer's technical documentation on all devices used in the system including user manuals for configuring of switches, routers, etc. and their 'As installed' configuration shall be provided by the KSWAN System Integrator.
3. **Process documentation:** The KSWAN System Integrator shall be responsible for preparing process documentation relating to operation and maintenance of each and every service as mentioned in this section. The process documents shall be formally signed off by GoK.
4. The process documentation shall include but not limited to the following:

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- a. **Backbone Services:** Processes for managing the KSWAN backbone
- b. **Multimedia Services:** Process for providing voice and video conferencing services to KSWAN users
- c. **VPN Services:** Process for providing VPN services.
- d. **Integration of Existing Networks with KSWAN:** Process for integration of other networks with KSWAN.
- e. **Connectivity Services:** Process for providing various types of connectivity to various offices.
- f. **Operation, Maintenance and Monitoring Service process:** This shall include:
  - i. Help desk management process shall capture the entire cycle of problem reporting, escalation and resolving issues.
  - ii. SLA monitoring processes for each SLA parameter as defined in SLA requirement section (monitoring mechanism and report performance etc.).

All documentation will be supplied both in Hardcopy and Softcopy format.

Each process document shall clearly define the roles and responsibilities, detailed steps for execution the defined task, detailed configuration steps etc.

The GoK expects the KSWAN System Integrator to document the SCR operations and management processes and to document the field operations and management processes as per the ISO 20000 standard (IT Service Management) and ISO 27001 (ISMS).

KSWAN System Integrator's responsibility to maintain the KSWAN processes and controls accredited and certified against ISO 20000 and ISO 27001 standards.

### 9. Resource Requirement from KSWAN System Integrator:

The scope of the SI for the KSWAN Operation & Maintenance includes takeover of the KSWAN 2.0 Network from the incumbent System Integrator and operations and maintenance of the KSWAN network across the state of Karnataka. The below table indicates the minimum manpower that needs to be deployed by the SI as part of the KSWAN takeover.

Team composition
Project Management Team



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Sl. No	Resource Type	Deployment Type	Location of deployment	Total Qty
1	Project Director	Full time	SCR	1
2	Project Manager (Key Resource)	Full time		1
NOC Team				
Sl. No	Resource Type	Deployment Type	Location of deployment	Total Qty
1	Network Specialist (Key Resource)	Full time	SCR	2
2	Network Admin	Full time		3
3	Field Network Engineer	Full time		3
4	Security Specialist (Key Resource)	Full time		1
5	Security Admin (Key Resource)	Full time		1
6	Server Admin (Key Resource)	Full time		1
non-IT Team				
Sl. No	Resource Type	Deployment Type	Location of deployment	Total Qty
1	Electrical Technician/ Rigger	Full time	SCR/POPs	1
Helpdesk Team (24x7x365)				
Sl. No	Resource Type	Deployment Type	Location of deployment	Total Qty
1	L1 Resource	Full time	SCR	5
2	L2 Resource	Full time		1
Field Resource Team				
Sl. No	Resource Type	Deployment Type	Location of deployment	Total Qty
1	Field Engineer	Full time	SCR	2
2	Nodal officer	Full time	DCR	30
3	Field Engineer	Full time	DCR	30
4	Field Engineer	Full time	TCR	294

1. All resources deployed at SCR and Nodal officers at district levels (DCRs) shall be from the SI's payroll.
2. The above is an indicative list of the minimum resources that needs to be deployed for the KSWAN network for the takeover, and operations and maintenance of the KSWAN network.
3. The KSWANthe network is constantly evolving and expanding to meet connectivity requirements of the departmental offices. The SI shall ensure that the quantity of resources deployed at the NOC, helpdesk and at the DCRs, TCRs and Mini PoPs are appropriate to meet the service level requirements of the KSWAN network.
4. The SI shall ensure that the resources deployed at the NOC, helpdesk and at the DCRs, TCRs and Mini PoPs are in line with the growth of the number of departmental offices that are connected through the KSWAN network.
5. KSWAN, CeG reserves the right to intervene and issue communication to the SI for ramping up the quantity of resources deployed at the NOC, helpdesk and at the DCRs, TCRs and Mini PoPs, if found insufficient to meet the KSWAN service levels. Such increase in the resource deployments would be taken up at no additional cost to

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KSWAN, CeG. Standard rates for each QGR identified through this bid process will only be paid out to the SI.

6. The SI shall ensure to follow the shortlisting and approval process of the resources to be selected as stipulated in this RFP and service level penalties are applicable for any delay in submission of profiles of candidates as well as delay in deployment of the approved list of candidates.
7. The SI shall ensure that all the resources deployed for the KSWAN network should be insured against any accidents or injuries while performing their duties of supporting the KSWAN network.
8. The SI shall ensure that all the resources deployed for the KSWAN network should be trained to take the necessary precautions while handling electrical equipment.
9. The SI shall ensure that all resources deployed for the KSWAN network are issued with authentic identity cards and should be carried by the personnel at all times while supporting the KSWAN network.
10. The Helpdesk team should be deployed on 24x7x365 basis for supporting the operations of KSWAN infrastructure.
11. The deployed SI's team shall adhere and follow the instructions of the KSWAN, CeG management team for delivering the functional requirements of data and video services across all KSWAN locations.
12. The deployed SI's team shall provide the necessary support to the departmental users located at the SCR, DCR, TCR and off-site departmental office locations.

### 9.1 Job Description of resources

Below table provides the Job descriptions, Skills, Qualification, and experience of the manpower to be deployed for managing KSWAN 2.0 takeover, Implementation, Operations and Maintenance of KSWAN 3.0.

Resources Job Description		
Resource Level	Responsibility	Qualification, Experience and Skills
SCR - Project Management Team		
Project Director	<ol style="list-style-type: none"><li>a. Project Director at the SCR will be the single point of contact for all commercial and operational decisions. The identified candidate should be capable of taking the decisions for all aspects in relation to the KSWAN project with minimum delay.</li><li>b. Strategically oversees, monitors, and manages the SI's deployed team across the KSWAN project from an executive level.</li></ol>	<ol style="list-style-type: none"><li>a. B.E/B Tech/M. E in Electronics and Communication/Computer Science/Information Technology with minimum of ten (10) years of experience in major IT infrastructure implementations. Or B.Sc/M.Sc/BCA/MCA with minimum of fifteen (15) years of experience in major IT infrastructure implementations</li></ol>

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Resources Job Description		
Resource Level	Responsibility	Qualification, Experience and Skills
<b>SCR - Project Management Team</b>		
	<ul style="list-style-type: none"> <li>c. Manage project takeover, upgrade, revamp, implement and conduct operations &amp; maintenance of KSWAN infrastructure.</li> <li>d. Coordination with KSWAN, CeG and other stakeholders of KSWAN.</li> <li>e. Manages the strategic aspects of the KSWAN engagement and mitigates any risk.</li> <li>f. Regular reviews of KPIs and deliverables with KSWAN, CeG.</li> <li>g. Managing available resources including teams working on the project.</li> <li>h. Tracking Work Breakdown Structure (WBS) of the project plan and course correction where required.</li> <li>i. Travel across KSWAN locations for conducting assessment, troubleshoot, and resolve issues related to implementation and operations &amp; maintenance.</li> <li>j. Maintain clear communication channels with KSWAN stake holders.</li> </ul>	<ul style="list-style-type: none"> <li>b. Experience in implementation and management of large and complex turnkey projects.</li> <li>c. Ability to lead large and geographically spread teams and conduct regular project reviews.</li> <li>d. Ability to continuously monitor and track the project KPIs, achieve project milestones, identify, and mitigate risks.</li> <li>e. Ability to present and interact with KSWAN, CEG management and maintain clear communication channels.</li> <li>f. Be quality conscious and maintain a high level of quality for all project deliverables.</li> <li>g. Ability to meet and improve the project KPIs and make necessary workflow changes to ensure meeting the service levels.</li> </ul>
Project Manager	<ul style="list-style-type: none"> <li>a. The Project Manager deployed at SCR will be responsible for day-to-day operations and commissioning of new links as per the requirements of KSWAN.</li> <li>b. Shall be responsible for liaising with bandwidth service provider and OEMs of KSWAN 3.0.</li> <li>c. Responsible for planning, organizing, and directing the teams for completion of work/ projects in time,</li> </ul>	<ul style="list-style-type: none"> <li>a. B.E/B Tech/M. E in Electronics and Communication/Computer Science/Information Technology with Minimum of ten (10) years of experience in major IT infrastructure implementations. Or B.Sc/M.Sc/BCA/MCA in Electronics and Communication/Computer Science/Information Technology with Minimum of twelve (12) years of experience in major IT</li> </ul>

<b>Resources Job Description</b>		
<b>Resource Level</b>	<b>Responsibility</b>	<b>Qualification, Experience and Skills</b>
<b>SCR - Project Management Team</b>		
	<p>on budget, and within scope.</p> <p>d. Interacting with the Nodal Officer at POP locations and make updates.</p> <p>e. Travel across KSWAN locations for conducting assessment, troubleshoot, and resolve issues related to implementation and operations &amp; maintenance.</p> <p>f. Monitoring and adhering to service levels</p> <p>h. Generation of performance reports and presenting for project reviews to KSWAN, CeG management.</p> <p>g. Maintain clear communication channels with KSWAN stake holders.</p>	<p>infrastructure implementations.</p> <p>b. Experience in implementation and management of large and complex turnkey projects.</p> <p>c. Experience in managing large or complex projects throughout the full project life cycle.</p> <p>d. Strong leadership and stakeholder management</p> <p>e. Manage large and geographically diverse teams</p> <p>f. Experience in implementing, managing, and maintaining large WAN networks</p> <p>g. Experience in budgeting resources and spares management.</p> <p>h. Skilled in managing large teams to ensure seamless communication.</p>
<b>SCR - Network Operations Centre (NOC) Team</b>		
Network Specialist	<p>a. Will act as Level 2 resource for all Network related issues in KSWAN.</p> <p>b. Maintenance &amp; monitoring the core Network infrastructure of KSWAN.</p> <p>c. Analyse, troubleshoot, and evaluate core network issues and provide RCA.</p> <p>d. Provide design inputs, create network improvement plans, capacity planning, troubleshoot, coordinate with OEM TAC teams for identification of new solutions and streamline chronic network issues, etc.</p> <p>e. Create and maintain Up to date HLD and LLD.</p>	<p>a. B.E/B Tech Graduate in Electronics/Computers/IT with minimum fifteen (15) years of total experience.</p> <p>b. A minimum of two (2) years of experience as a network solution provider and implementation of large and complex WAN.</p> <p>c. Expert in WAN design, MPLS technologies, routing protocols (BGP, OSPF, IS-IS), IPsec based VPN networks and Enterprise routing and switching.</p> <p>d. Minimum two certifications from the same OEM</p> <p>e. Cisco- CCNA and CCNP Associate &amp; Professional or industry equivalent.</p>

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Resources Job Description		
Resource Level	Responsibility	Qualification, Experience and Skills
<b>SCR - Project Management Team</b>		
	f. Collect network performance data and use as input for providing network improvement plans and capacity planning.	f. The certifications should be for specialization in the following areas: Enterprise routing and switching. Enterprise network design.
Network Admin	a. Provide L-1 support for all Network-related issues of the core network infrastructure in KSWAN. b. Configuring, monitoring, maintaining, and upgrading KSWAN core network infrastructure. c. Installing and integrating new network appliances. d. Monitor network performance parameters. e. Configuration management of all core and branch network appliances. f. Configuration backups and recovery. g. Inventory management of network hardware and software components. h. Coordinate with TSPs and ISPs for implementation and troubleshooting of connectivity issues.	a. B.E/B Tech Graduate Electronics/Computers/IT with minimum 5 - 6 years total experience. b. Experienced in trouble shooting and providing technical support for network related issues. c. Experienced in providing network monitoring, analyzing network data, and identifying network bottlenecks. d. Capable of creating and maintaining network related documentation. e. Should have network certifications from OEMs like Cisco, Juniper, and HP.
Security Specialist	a. Monitoring network traffic and analyze security events and incidents do detect potential security breaches. b. Create incidence response strategies and SOPs like containment, eradication, and recovery from security incidences. c. Manage and maintain security infrastructure including firewall, intrusion detection and	a. B.E/B Tech Graduate Electronics/Computers/IT with minimum fifteen (15) years of experience in Network Security. b. A minimum of two (2) years of experience as a Security expert. c. Should have strong knowledge of security principles, concepts, and industry best practices. d. Familiar in configuring, maintaining, and

Resources Job Description		
Resource Level	Responsibility	Qualification, Experience and Skills
<b>SCR - Project Management Team</b>		
	prevention, anti-virus, and anti-malware. d. Conduct vulnerability assessment and penetration tests to identify weakness and vulnerabilities. e. Develop and enforce security policies, standards, and procedures. f. Be updated on threat intelligence and research. Implement and maintain latest advisories from threat intelligence organizations. g. Coordinate with third party security audit agencies for routine/periodical audits and address non-compliances. h. Consider network security performance inputs for capacity planning.	troubleshooting equipment like NGFW, Anti-DDoS, IPS/IDS, Anti-Virus/Anti-Malware, and vulnerability scanning tools. e. Relevant industry certifications like CCNA Security and CCNP security or industry equivalent.
Security Admin	a. Conduct security monitoring and provide incidence response. b. Review security alerts generated by various system and tools. c. Analyze alerts and identify potential security incidences. d. Manage vulnerability scanning. e. Provide configuration and management for security systems like NGFW, IPS/IDS, Anti-DDoS, Anti-Virus/Anti-Malware, and other security tools. f. Maintain security documentation and reporting.	a. B.E/B Tech Graduate in Electronics/Computers/IT with minimum 5 - 6 years of experience in Network security. b. Should have two (2) years of experience in network security. c. Basic knowledge of security principles, concepts, and best practices. d. Familiar in configuration of security systems like NGFW, IPS/IDS, Anti-DDoS, Anti-Virus/Anti-Malware, and other security tools. e. Relevant industry certifications like CCNA

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Resources Job Description		
Resource Level	Responsibility	Qualification, Experience and Skills
<b>SCR - Project Management Team</b>		
	g. Implement security policies, procedures, and controls.	Security or industry equivalent.
Server Admin	<ul style="list-style-type: none"> <li>a. Design, plan and implement server infrastructure solution by selecting appropriate OS, virtualization platforms and server configurations based on KSWAN requirements.</li> <li>b. Install, configure, and deploy physical and virtual server.</li> <li>c. Configuration and optimization of servers for performance and security.</li> <li>d. Perform regular maintenance including monitoring server health, applying updates and patches.</li> <li>e. Conduct performance tuning and optimization for maintaining high reliability and server performance.</li> <li>f. Implement and enforce server security measures and best practices.</li> <li>g. Maintain compliance with relevant security standards, OEM recommendations and</li> </ul>	<ul style="list-style-type: none"> <li>a. B.E/B Tech Graduate in Electronics/Computers/IT with minimum ten (10) years of experience in management of servers.</li> <li>b. Should have strong knowledge of server hardware, operating systems (Windows and Linux) and virtualization technologies.</li> <li>c. Experience in server administration tools and technologies such as active directory, DNS, DHCP, etc.,</li> <li>d. Familiar with server monitoring tools, optimization techniques and server security industry best practices.</li> <li>e. Should be certified like MCSE or MCSA or industry equivalent</li> </ul>

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Resources Job Description		
Resource Level	Responsibility	Qualification, Experience and Skills
<b>SCR - Project Management Team</b>		
	<p>regulations. Monitor server capacity and usage trends.</p> <p>h. Develop and maintain server backups and validate restore procedures.</p>	
Field Network Engineer	<p>a. Installation, configuration and maintenance of routers, switches, and other network appliances.</p> <p>b. Visit departmental office locations for resolving connectivity issues.</p> <p>c. Troubleshoot network issues and resolve reported problems by end users.</p> <p>d. Coordinate with helpdesk for updating and resolving trouble tickets generated by user departments.</p>	<p>a. B. E/B Tech /B.Sc./Diploma in Computers/ECE with minimum three (3) years of experience in networking technologies.</p> <p>b. Should be experienced in troubleshooting network problems and issues and resolve such issues swiftly.</p> <p>c. Ability to speak fluently in Kannada and English</p> <p>d. Good communication skills</p>
<b>Helpdesk</b>		
Helpdesk	<p>a. Receive support requests from user departments through different channels.</p> <p>b. Open, update, transfer, and close trouble tickets.</p> <p>c. Interact with KSWAN stakeholders and collect status updates and accordingly update trouble tickets.</p> <p>d. Monitor and manage the trouble ticket generating process and ensure accuracy for all complaints.</p> <p>e. Generate helpdesk reports and track KPIs.</p> <p>f. Timely update KSWAN management and stake holders for critical issues and implement escalation matrix.</p>	<p>a. Diploma/B.Sc. in Electronics and communication / Computer Science / Information Technology with minimum three (3) years of work experience.</p> <p>b. Prior experience in handling helpdesk/support team's mandatory.</p> <p>c. Ability to speak fluently in Kannada and English.</p> <p>d. Good communication skills</p> <p>e. Ability to ensure clear communication through emails to KSWAN management and stake holders for critical updates and reports</p>



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Resources Job Description		
Resource Level	Responsibility	Qualification, Experience and Skills
<b>SCR - Project Management Team</b>		
<b>non-IT Team</b>		
Electrical Technician/RF Rigger	<ul style="list-style-type: none"> <li>a. Installation, testing, and maintaining complete electrical infrastructure like electrical controls, distribution panels, Power to the PoP rooms, UPS and DGs etc.,</li> <li>b. Conduct governance activities as stipulated by KSWAN, CeG.</li> <li>c. Conduct preventive and corrective maintenance of the non-IT infrastructure.</li> <li>d. Visit PoP locations in the assigned region and troubleshoot and resolve chronic issues.</li> <li>e. Conduct routine checks of the electrical infrastructure in the PoP locations in the assigned region.</li> <li>f. Coordinate with OEM's and implement OEM / Industry recommended best practices in implementing and maintaining electrical infrastructure.</li> </ul>	<ul style="list-style-type: none"> <li>a. ITI/Diploma in Electrical with minimum of five (5) years of experience.</li> <li>b. Minimum of 2 years' experience in maintenance of critical electrical infrastructure.</li> <li>c. Familiar with maintenance of critical electrical infrastructure like Solar UPS, DGs, electrical controls, LT Panels, and AC / DC power distribution.</li> <li>d. Capable of providing support during emergencies and coordinate with multiple stakeholders to resolve power issues.</li> <li>e. Maintain asset register and keep it up to date.</li> <li>f. Ability to speak fluently in Kannada.</li> <li>g. Good communication skills.</li> </ul>
<b>SCR - Field Resource</b>		
Field Resource	<ul style="list-style-type: none"> <li>a. Respond to helpdesk teams allocated trouble tickets and provide quick updates.</li> <li>b. Visit department office locations as per the instructions of KSWAN, CeG team.</li> <li>c. Troubleshoot connectivity issues and resolve them as per established service levels by KSWAN, CeG.</li> <li>d. Coordinate with departmental offices in</li> </ul>	<ul style="list-style-type: none"> <li>a. ITI/Diploma in Electronics / Electrical with minimum of five (5) years of experience.</li> <li>b. Minimum of 2 years' experience in maintenance of IT networks.</li> <li>c. Familiar with structured LAN cabling (copper and OFC) and accessories like patch panels, crimping tools, connectors, etc.</li> <li>d. Familiar with network equipment's like routers,</li> </ul>

Resources Job Description		
Resource Level	Responsibility	Qualification, Experience and Skills
<b>SCR - Project Management Team</b>		
	<p>their day-to-day operations related to IT activities and video conferencing services.</p> <p>e. Conduct preventive and corrective maintenance of the IT and non-IT infrastructure in the assigned region.</p> <p>f. Conduct governance activities in the assigned region and also coordinate with other stakeholders including departmental office representatives for resolving issues related to the IT and non-IT infrastructure.</p>	<p>switches, media convertors and other network appliances.</p> <p>e. Capable of coordinating with TSPs and ISPs for implementation and maintenance of WAN and Internet links.</p> <p>f. Capable of coordinating with departmental office location representatives and troubleshoot, resolve connectivity issues as per service levels stipulated by KSWAN.</p>
<b>DCR/TCR Field Resource</b>		
Nodal Officer	<p>a. The Nodal officer shall be the KSWAN representative stationed at the DCR and shall act as a SPOC for the KSWAN team in the district.</p> <p>b. Shall coordinate with departmental office representatives and resolve all KSWAN issues.</p> <p>c. Should provide inputs for capacity building and network expansion for the assigned district to the KSWAN, CeG management team.</p> <p>d. Shall maintain the spares and monitor the utilization and replenishment on a regular basis and provide reports to KSWAN, CeG management.</p> <p>e. Coordinate, escalate and liaise with KSWAN NoC team and OEM representatives for</p>	<p>a. BE / BTech in Electronics/Computer science with a minimum of 5 years of experience.</p> <p>b. Minimum of 2 to 3 years of experience in maintenance of IT and non-IT infrastructure.</p> <p>c. Familiar with maintenance of networking technologies like LAN, WAN, and networking appliances like routers, switches etc.</p> <p>d. Familiar with maintenance of critical electrical infrastructure like Solar UPS, DGs, electrical controls, LT Panels, and AC / DC power distribution.</p> <p>e. Capable of managing a team of engineers in the district and taluks for maintenance of KSWAN infrastructure as per the service levels stipulated by KSWAN, CeG.</p> <p>f. Capable of coordinating and maintaining good</p>

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Resources Job Description		
Resource Level	Responsibility	Qualification, Experience and Skills
<b>SCR - Project Management Team</b>		
	<p>troubleshooting and resolving issues with IT and non-IT infrastructure.</p> <p>f. Shall travel to the PoPs in the district regularly to assess the IT and non-IT infrastructure and take necessary action.</p> <p>g. Coordinate and resolve all the assigned fault tickets for IT and non-IT infrastructure of KSWAN in the assigned district(s) as per the service levels stipulated by KSWAN, CeG.</p>	<p>communication with departmental office location personal located at the DCRs, TCRs and off-site departmental office locations.</p>
Field Resource	<p>a. Respond to helpdesk teams allocated trouble tickets and provide quick updates.</p> <p>b. Visit department office locations as per the instructions of KSWAN, CeG team.</p> <p>c. Troubleshoot connectivity issues and resolve them as per established service levels by KSWAN, CeG.</p> <p>d. Coordinate with departmental offices in their day-to-day operations related to IT activities and video conferencing services.</p> <p>e. Conduct preventive and corrective maintenance of the IT and non-IT infrastructure in the assigned region.</p> <p>f. Conduct governance activities in the assigned region and also coordinate with other stakeholders including departmental office representatives for resolving issues related to</p>	<p>a. ITI/Diploma in Electronics / Electrical with minimum of five (5) years of experience.</p> <p>b. Minimum of 2 years' experience in maintenance of IT networks.</p> <p>c. Familiar with structured LAN cabling (copper and OFC) and accessories like patch panels, crimping tools, connectors, etc.</p> <p>d. Familiar with network equipment's like routers, switches, media convertors and other network appliances.</p> <p>e. Capable of coordinating with TSPs and ISPs for implementation and maintenance of WAN and Internet links.</p> <p>f. Capable of coordinating with departmental office location representatives and troubleshoot, resolve connectivity issues as per service levels stipulated by KSWAN.</p>

Resources Job Description		
Resource Level	Responsibility	Qualification, Experience and Skills
<b>SCR - Project Management Team</b>		
	the IT and non-IT infrastructure.	

## 10. KSWAN Assets

### 10.1 IT Infrastructure

- i. The SI shall take over complete IT infrastructure of KSWAN. It shall be the responsibility of System Integrator to collect, maintain & update all essential information of KSWAN IT Infrastructure.
- ii. The IT assets at respective Control Rooms are as below.

State Control Room (SCR)						
Sl.No	Network Equipment	Model	OEM	Qty	AMC Support	Support Type
1	Switch	WS-C2960X-48LPS-L	Cisco	1	9 June 2026	SNTP
2	Core Switch	WS-C6509-E	Cisco	2	31-07- 2025	SNTP
3	Route reflector	ASR1002-X	Cisco	6	31-07-2025	SNTP
4	Core Router	ASR1013	Cisco	2	31-07-2025	SNTP
5	AAA Server	SNS-3515-K9	Cisco	1	31-07-2025	SNTP
6	NII Core Router	ASR-1006	Cisco	2	31-07- 2025	SNTP

State Control Room (SCR) – NMS and DNS Equipment					
Sl.No	Network Equipment	Model	OEM	Qty	AMC Support
1.	Storage with Controller & Enclosure	Power Vault MD3820F	Dell	1	19-01-2023
2.	Storage Enclosure	Power Vault MD1220	Dell	1	13-12-2026

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<b>3.</b>	Server (DNS1)	Dell Power Edge R740 Xd	Dell	2	14-10-2025
<b>4.</b>	Server	Dell Power Edge R630	Dell	2	13-01-2023
<b>5.</b>	NMS Application	CA Tool	CA		28-04-2023
<b>6.</b>	SAN Switch	Dell Brocade 300	Dell	2	13-01-2025
<b>7.</b>	Firewall	FG-3100D	Fortinet	2	11-05-2025
<b>8.</b>	Switch	FS-1024D	Fortinet	2	11-05-2025
<b>9.</b>	Sandbox	FSA-2000E	Fortinet	1	11-05-2025
<b>10.</b>	Analyzer	FAZ-1000E	Fortinet	1	11-05-2025

Note:

The successful bidder has to take over, operate, maintain and liaison with the OEM whenever required for the above equipment

**District Control Room (DCR)**

<b>Sl.No</b>	<b>Network Equipment</b>	<b>Model</b>	<b>OEM</b>	<b>Qty</b>	<b>AMC Support</b>
<b>1</b>	Router	Cisco ASR1004	Cisco	28	30 April 2025
<b>2</b>	Switch	WS-C2960XR-48LPS-I	Cisco	28	31 May 2025

**Taluk Control Room (TCR)**

<b>Sl.No</b>	<b>Network Equipment</b>	<b>Model</b>	<b>OEM</b>	<b>Quantity</b>	<b>AMC Support</b>
<b>1</b>	Router	ISR4351/K9	Cisco	147	31 July 2025
<b>2</b>	Switch	WS-C2960X-24PS-L	Cisco	81	9 June 2026
<b>3</b>	Switch	WS-C2960X-48LPS-L	Cisco	78	9 June 2026

**Horizontal Offices**

<b>Sl.No</b>	<b>Network Equipment</b>	<b>Model</b>	<b>OEM</b>	<b>Qty</b>	<b>AMC Support</b>
<b>1</b>	Switch	WS-C2960X-48LPS-L	Cisco	13	9-06-2026
<b>2</b>	Switch	WS-C2960X-24PS-L	Cisco	9	9-06- 2026
<b>3</b>	Router	CISCO1941/K9	Cisco	1070	31-01-2025
<b>7</b>	Router	C1111-8P	Cisco	541	19-06-2025

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<b>8</b>	Router	C1111-8P	Cisco	289	14-09-2025
<b>9</b>	Router	C1111-8P	Cisco	390	16-11-2025
<b>10</b>	Router	C1111-8P	Cisco	280	11-02-2025
<b>11</b>	Router	C1111-8P	Cisco	81	11-12-2026
<b>12</b>	Router	C1111-8P	Cisco	19	28-01-2026
<b>13</b>	Router	C1111-8P	Cisco	300	19-02-2026
<b>14</b>	Router	C1121X-8PLTEP	Router	2199	31-03-2027

Note:

Successful bidder has to take over, Operate and Maintain all the above-mentioned IT equipment during the Contract period.

**iii.IP addressing scheme:** The System Integrator shall gather and document all the physical addresses, logical addresses, port addresses, and application-specific addresses of the KSWAN network.

**iv.Network Architecture:** The System Integrator shall collect and document the specification of the KSWAN network's physical components and its architecture of the following:

- a) LAN connectivity (Port number, list of offices connected, Assigned VLAN configuration, etc.)
- b) WAN connectivity (Hub spoke and Point 2 Point) between SCR, DCR, TCR, and horizontal offices from TSPs.
- c) Bandwidth allocation details to PoP locations and Horizontal Offices.
- d) NOC architecture, Passwords, and configuration details of the IT elements.

**v.Inventory Management:** The System Integrator shall collect, document, and maintain the inventory details of all the network devices with serial number, present location, and EOS (End of Support)/EOL (End of Life) details.

**vi.**As a part of exit management, all the documents readily available with the current SI shall be provided.

- vii. The System Integrator shall take over the existing NMS (CA tool) installed at SCR and continue to support it till the expiry of licenses.

## 10.2 Non-IT infrastructure

It shall be the responsibility of the SI to collect, maintain, and update all essential information about KSWAN Network NON-IT Infrastructure.

**The NON-IT assets at Control Rooms are as below. The detailed non-IT BOM is at Annexures**

Sl. No.	Equipment
1	Conventional UPS System with Battery Bank(6KVA)
2	Solar UPS System (Including Solar panel & Battery Bank) (5 KVA)
3	Diesel Generator 15KVA (TCR) & 10 KVA 1+1 (DCR)
4	1.5 TR Air Conditioner (5- star) 1+1 - At all DCRs and TCRs
5	1.5 TR Air Conditioner (5-star) 18- At SCR
6	Network Racks (42U)
7	Table & Chair
8	Handheld Fire Extinguishers
9	Biometric devices (for attendance)
10	Towers
11	Fire Alarm System

1. The SI shall take over Operations and Maintenance of the existing 1 unit of **125 KVA DG** at the State Control Room (SCR), Bengaluru.
2. The SI shall take over Operations and Maintenance of the existing 50 KVA Conventional 1+1 UPS at State Control Room (SCR), Bengaluru.
3. The SI Shall take over the Operations and Maintenance of the existing 10 KVA DG (1+1) at all DCRs (28 Nos) and 15 KVA DG at all TCRs (147 Nos) till it becomes unserviceable, same has to be brought the notice of CEG.
4. The SI shall take over the comprehensive operation and maintenance of Solar UPS (6KVA) and conventional UPS (5 KVA) including Remote Monitoring System (RMS) at DCRs & TCRs and assess the working condition to take immediate corrective maintenance if required.

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The SI shall take over maintenance of the 1.5 TR 5 Star Split Air conditioners at SCR, DCR and TCR locations.

The SI shall take over the maintenance of SCR facility infrastructure which includes a Handheld Fire Extinguisher, Biometric access (Server Room) Biometric attendance (NOC), Fire Detection System, NOC facility and Office area, etc.

The SI shall take over the maintenance of SCR electrical infrastructure in the Server Room, NOC, UPS Room, and Office area.

The SI shall take over the maintenance of DCRs & TCRs facility infrastructure which includes Handheld Fire Extinguisher, Bio metric attendance, Fire Detection System etc.,

The SI shall take over the PoP Room facility including civil infrastructure, False ceiling, Partitioning (Wooden/Aluminum) at all DCRS & TCRs at As-Is Where-Is basis.

The SI Shall take over the maintenance of the electrical infrastructure such as MCB's, Input/Output cables, Power Distribution Board etc., (including electric cables from AMF panel) at all DCRs & TCRs. The electrical maintenance includes repair/replacements as and when required at no cost to CeG.

The SI shall replace the electrical cables if any damage in the premises due to electrical short circuit.

5. The SI shall take over the KSWAN Helpdesk including the Processes and policies, Services, Operations and Management in a seamless manner from the existing System Integrator.
6. The SI shall take over the maintenance of all the existing Radio Masts & Towers (Roof top/ ground based) of various heights at POP and Horizontal Office locations.

### **10.3 Team Mobilization**

The successful System Integrator shall submit a manpower deployment schedule within One (1) week of signing of contract with CeG, KSWAN. The successful System Integrator shall deploy the Core Team at all levels for the efficient handover/ takeover of KSWAN without any commercials to CeG.

The core team shall be responsible for overall Handover/Takeover, project execution, monitoring, documentation, reporting requirements related to the



RFP for Selection of System Integrator for KSWAN Operation & Maintenance project and supervision of transition process. The team shall comprise of at least one Project Manager, two Network Specialist, one Infrastructure Specialist and two Monitoring & Helpdesk engineers.

## **11. Deliverables and Timelines**

Key deliverables for scope of work given above includes following:

<b>Event</b>	<b>Delivery timelines</b>
Letter of Intent	T1
Submission of PBG and signing MSA	T2 = T1 + 7 days
Purchase Order for O&M and AMC for equipment (subject to successful bidder's submission of PBG and signing MSA within 7 days of acceptance of LoI)	T3 = T2+1 week
Completion of Handover Takeover*	T4 = T2 +15 days

Note:

1. O&M commences from the day of Completion of Handover-Takeover Process
2. P.O. for new equipment will be placed as and when needed during the contract period

## **12. Responsibility of the successful Bidder**

The responsibilities of the Successful bidder are as stipulated in this RFP.

- i. The Successful bidder is not entitled to any Payments during the period of taking over the network.
- ii. The Go-live commences from the date of taking over of KSWAN network by the successful bidder
- iii. The contract is valid for period of 1 year from the date of Go-live.

## **13. Duration of the Contract**

This contract shall be valid for one year from the date of completion of Handover-Takeover process from the existing vendor /or from CeG

The contract shall be extendable for a further period of one (1) year on a quarterly basis with the same terms and conditions.

## **14. Confidential Information, Security and Data**

- a. The bidder will promptly on the commencement of the exit management period shall supply to CeG the following:

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- i. Information relating to the current services rendered and customer satisfaction surveys and performance data relating to the performance in relation to the services; and
  - ii. Documentation relating to Intellectual Property Rights; and
  - iii. CeG data and confidential information; and
  - iv. All current and updated departmental data as is reasonably required for purposes of CeG or its nominated agencies transitioning the services to its Replacement bidder in a readily available format; and
  - v. All other information (including but not limited to documents, records and agreements) relating to the services reasonably necessary to enable CeG or its nominated agencies, or its Replacement bidder to carry out due diligence in order to transition the provision of the Services to CeG or its nominated agencies, or its Replacement Operator (as the case may be).
- b. Before the expiry of the exit management period, the Bidder shall deliver to the CEG or its nominated agencies all new or up-dated materials from the categories set out in above point, and shall not retain any copies thereof, except that the Bidder shall be permitted to retain one copy of such materials for archival purposes only.
  - c. Before the expiry of the exit management period, unless otherwise provided under the contract, CeG or its nominated agencies shall deliver to the Bidder all forms of Bidder confidential information which is in the possession or control of CeG or its nominated agencies or its users

### **15. General Obligations of the Bidder**

1. The Bidder shall provide all such information as may reasonably be necessary to effect as seamless handover as practicable in the circumstances to CeG or its nominated agencies or its replacement Bidder and which the Bidder has in its possession or control at any time during the exit management period.
2. For the purposes of this Clause, anything in the possession or control of any Bidder or associated entity is deemed to be in the possession or control of the Bidder.
3. The Bidder shall commit adequate resources to comply with its obligations under this Exit Management Clause.

### **16. Exit Management Plan**

The Bidder shall provide to CeG with a recommended exit management plan ("Exit Management Plan") which shall deal with at least the following aspects of exit management in relation to the contract as a whole.

- a. A detailed programme of the transfer process that could be used in conjunction with a Replacement Bidder including details of the means to be used to ensure continuing provision of the services throughout the transfer process or until the cessation of the services and of the management structure to be used during the transfer; and
- b. Plans for communication with such of the Bidder's staff, suppliers, customers and any related third party as are necessary to avoid any material detrimental impact on department's operations as a result of undertaking the transfer; and

- c. If applicable, proposed arrangements for the segregation of the Bidder's networks from the networks employed by CeG or its nominated agencies and identification of specific security tasks necessary at termination; and
- d. Plans for provision of contingent support to the Department or its nominated agencies, and Replacement Bidder for a reasonable period after transfer for the purposes of providing service for replacing the Services.
- e. The Bidder shall re-draft the Exit Management Plan annually thereafter to ensure that it is kept relevant and up to date.
- f. Each Exit Management Plan shall be presented by the Bidder to and approved by CeG.
- g. In the event of termination or expiry of the contract each Party shall comply with the Exit Management Plan.
- h. During the exit management period, the Bidder shall use its best efforts to deliver the services.
- i. Payments during the Exit Management period shall be made in accordance with the Terms of Payment Clause.
- j. This Exit Management plan shall be furnished in writing to CeG within 90 days from the Effective Date of the contract.

### **17. Confidentiality**

The Bidder shall not use or disclose to any third party, except for the purpose of the observance of these terms and conditions any confidential information of the CeG.

### **Responsibility for safe custody and integrity of data**

- The Bidder shall not, without prior written consent from CeG, disclose the Contract, or any provision thereof, or any specification, plan, data, drawing, pattern, sample or information furnished by or on behalf of the department in connection therewith, to any person other than a person employed by the Bidder in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far, as may be necessary for purposes of such performance.
- The Bidder shall not, without prior written consent of CeG, make use of any document or information made available for the project, except for purposes of performing the Contract.
- All project related documents issued by CeG, other than the Contract itself, shall remain the property of the CeG and shall be returned (in all copies) to CeG on completion of the Bidder's performance under the Contract if so required by the department.

### **18. Contract Amendment**

- a. No variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

### **19. Third Party Claims**

The bidder shall indemnify CeG against all third-party claims of infringement of patent, trademark or industrial design rights arising from use of the Goods or any part thereof in reference to this project in India.

### **20. Miscellaneous Terms & Conditions**

- a) The end product of the work assignment carried out by the Agency in any form, will be the sole property of CEG.

- b) The Agency shall perform the services and carry out its obligations under the contract with due diligence and efficiency, in accordance with generally accepted techniques and practices used in the industry and with professional engineering and training / consulting standard recognized by national / international professional bodies and shall observe sound management practice. It shall deploy appropriate advanced technology and safe and effective methods. The Agency shall always act, in respect of any matter relating to this Contract, as faithful advisors to CEG and shall always, support and safeguard CEG legitimate interests.
- c) The Agency automatically agrees with CEG for honoring all aspects of fair-trade practices in executing the work orders placed by CEG.
- d) In the event the Agency Company or the concerned Division of the company is taken over / bought over by another company, all the obligations under the agreement with CEG, should be passed on the compliance by the new company new Division in the negotiation for their transfer.
- e) For all deliverables at the CEG, the Agency shall be responsible and accountable.

### **21. Force Majeure**

- a) Force majeure clause shall mean and be limited to the following in the execution of the contract placed by CEG:

War / hostilities

Riot or Civil commotion

Earthquake, Pandemic, flood, tempest, lightning, or other natural physical disaster

Restriction imposed by the Government or other statutory bodies, which is beyond the control of the Agency, which prevent or delay the executive of the order by the Agency

- b) The Agency shall advice CEG in writing, duly certified by the local Chamber of Commerce, the beginning and the end of the above causes of delay, within seven days of the occurrence and cessation of the force majeure conditions. In the event of a delay lasting for more than one month, if arising out of clauses of force majeure, States/UTs reserve the right to cancel the contract without any obligation to compensate the Agency in any manner for what so ever reason, subject to the provision of clause mentioned.

### **22. Payment Terms**

The payment terms shall be as follows:

#### **For Table-1 and Table-2 of Commercial Bid:**

The successful bidder shall receive the payments in Quarterly Guaranteed Revenue (QGR) basis, with the release of 80% of the assured monthly payment in arrears. The remaining 20% of the QGR will be settled at the end of the quarter, after evaluating and deducting the applicable SLA penalties if any.

The successful Bidder is guaranteed a payment of 80% of Total QGR each for the network for every quarter (as 20% is the upper cap of penalty).

The Bidder's request for payment shall be made at the end of each month by invoices along with the following supporting documents:

- i. Performance statistics

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- ii. Log of network parameters along with Service Downtime calculation and Uptime percentage.
- iii. Any other document as asked for by GoK necessary in support of the service performance acceptable to GoK.
- iv. Commissioning and Acceptance Report as required by CeG
- v. Detailed calculation sheets for the claims
- vi. The payment towards the maintenance of Radio Masts/Towers and Poles shall be as per the commercials and on actual numbers in a respective claim period of the month.

### Table 3, Table 4 & Table 5 of Commercial Bid:

For the items contained Table-3, Table-4 and Table-5, CeG may place P.O. as and when required. The Successful bidder shall execute the P.O. and submit the invoices along with the necessary documents. The payment shall be settled accordingly.

The CeG representative/Third-party Auditor shall verify all the supporting documents as prescribed and acceptable to GoK. On receipt of such invoice after verification by the Third-Party Auditor and after deducting Income Tax, other taxes and any Penalties, GoK shall pay the amount within a period of 60 days from the date of submission of all the necessary documents. The Successful bidder shall furnish all tax payment receipts to GoK.

The successful bidder will not be eligible for any other benefits (such as interest on capital, rate of returns, amortization on capital, salaries of the employees etc) except the payments specified above.

If any dependencies from GoK/CeG, the bidder is entitled for an extension of time lines/ exclusion of SLA penalties for that dependency only and no other compensation is payable. The bidder is not entitled for any additional claims on account of dependencies from GoK/CeG.

CEG is entitled to make recoveries such as penalties, excess payment, and applicable taxes from the bidder's claims.

#### Note:

The bidder shall submit the commercial bid exclusive of taxes. However, while invoicing to CeG towards services and goods, the bidder shall include the applicable taxes. The same will be settled by CeG.

### **23. Service Level Agreement (SLA) and Penalties**

The prime objective of the KSWAN project is to provide secure and high-quality data and video services to GoK Offices and Departments. Therefore, the SLA would be critical in Operations & Maintenance of KSWAN.

The responsibility of ensuring the deliverables as per RFP timeline lies with the successful bidder.

**23.1 SLA Terms and Definition:**

Sl. No	SLA Terms	Description
1	Uptime	Uptime' refers to KSWAN Network availability across various segments i.e. between SCR and various State level officers, District level offices, Taluka level officers, Hobli level Offices. "%Uptime" means ratio of 'up time' (in minutes) in a month to Total time in the month (in minutes) multiplied by 100.
2	Prime Business Hours (PBH)	PBH refers to the prime network utilization period for KSWAN, which shall be typically starting from 08:00 Hrs till 20:00 Hrs on all working days or any other period to be defined by the state at all offices under State Head Quarters and District Head Quarters. PBH for all other offices below District Head Quarters shall be from 09:00 Hrs till 18:00 Hrs
3	Extended Business Hours (EBH)	EBH refers to the lean network utilization period for KSWAN, which shall be typically starting from 20:00 Hrs till 08:00 Hrs on all working days and full day on any holiday and Sunday or any other period defined by the state at all offices under State Head Quarters and District Head Quarters. EBH for all other offices below District Head Quarters shall be from 18:00 Hrs till 09:00 Hrs.
4	Planned Network Outage	'Planned Network Outage' refers to unavailability of network services due to infrastructure maintenance activities such as configuration changes, up gradation or changes to any supporting infrastructure. Details related to such planned outage shall be agreed with the State government and shall be notified to all the related Departments and relevant offices in advance (at least five working days).
5	Unplanned Network Outage	'Unplanned Network Outage' refers to an instance in which link is not available for the Department connecting to the KSWAN Cloud MPLS for more than 3 consecutive minutes.

**23.2 State Control Room (SCR)**

The below table indicates the penalties applicable for the downtime of SCR equipment.

SCR Equipment which affects services for the entire network						
Parameter	Penalty in a quarter during PBH			Penalty in a quarter during EBH		
	0-2 Hours (Cumulative)	2-4 hours (Cumulative)	above 4 hours (Cumulative)	0-2 Hours (Cumulative)	2-4 hours (Cumulative)	above 4 hours (Cumulative)

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Unavailability of SCR services due to the outage of WAN equipment	N/A	INR 50,000 for each hour of Unavailability	INR 1,00,000 for each hour of Unavailability	N/A	INR 25,000 for each hour of Unavailability	INR 50,000 for each hour of Unavailability
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### 23.3 SCR Equipment Partial Affected Services

<i>SCR Equipment which affects partial services for the network</i>						
Parameter	Penalty in a quarter during PBH			Penalty in a quarter during EBH		
	0-2 Hours (Cumulative)	2-4 hours (Cumulative)	above 4 hours (Cumulative)	0-2 Hours (Cumulative)	2-4 hours (Cumulative)	above 4 hours (Cumulative)
Unavailability of SCR services due to the failure of any equipment (redundant equipment's which results partial service impact)	N/A	INR 25,000 for each hour of Unavailability	INR 50,000 for each hour of Unavailability	N/A	INR 10,000 for each hour of Unavailability	INR 20,000 for each hour of Unavailability

### 23.4 SCR Horizontal Offices

Horizontal Offices- SCR			
Penalty in a quarter during PBH			
	0-4 hours (Cumulative)	4-8 hours (Cumulative)	beyond 8 hours
Horizontal Offices	N/A	INR 1,000 for each hour of Unavailability	INR 2,000 for each hour of Unavailability

**23.5 District / Taluk Control Room**

The below table indicate the penalties applicable for the downtime of DCR/TCR Router.

<b>Downtime SLA for District/ Taluk Control Room Router</b>					
<b>Penalty in a quarter during PBH</b>			<b>Penalty in a quarter during EBH</b>		
0-2 hours (Cumulative )	2-4 hours (Cumulative )	beyond 4 hours (Cumulative )	0-3 hours (Cumulative )	3-5 hours (Cumulative )	Beyond 5 hours (Cumulative )
N/A	INR 2500 for each hour	INR 3000 for each hour	N/A	INR 2000 for each hour	INR 2500 for each hour

**23.6 District / Taluk Control Room Switch**

The below table indicates the penalties applicable for the downtime of DCR/TCR Switch.

<b>Downtime SLA for District/Taluk Control Room Switch</b>					
<b>Penalty in a quarter during PBH</b>			<b>Penalty in a quarter during EBH</b>		
0-2 hours (Cumulative) e)	2-4 hours (Cumulative) e)	beyond 4 hours (Cumulative) e)	0-3 hours (Cumulative) e)	3-5 hours (Cumulative) e)	Beyond 5 hours (Cumulative) e)
N/A	INR 2000 for each hour	INR 2500 for each hour	N/A	INR 1500 for each hour	INR 2000 for each hour

**23.7 DCR /TCR Horizontal Offices**

<b>Horizontal Offices</b>			
<b>Penalty in a quarter during PBH</b>			
	<b>0-4 hours (Cumulative)</b>	<b>4-8 hours (Cumulative)</b>	<b>beyond 8 hours</b>
Normal Offices	N/A	INR 400 for each hour of Unavailability	INR 800 for each hour of Unavailability

**23.8 SLA for each LAN Port(At all levels)**

<b>LAN Port</b>		
<b>Penalty in a quarter during PBH</b>		
<b>0-2 hours (Cumulative)</b>	<b>2-4 hours (Cumulative)</b>	<b>beyond 4hours</b>
N/A	INR 500 for each hour of Unavailability	INR 1000 for each hour of Unavailability



**23.9 SLA for NON-IT Equipment's**

<b>Manual Tickets</b>		
<b>Penalty in a quarter during PBH &amp; EBH</b>		
<b>0-12 hours (Cumulative)</b>	<b>12 - 24 hours (Cumulative)</b>	<b>beyond 24 hours</b>
N/A	INR 250 for each hour of Unavailability	INR 500 per location for each day (or part of it) of delay

**23.10 Resource Attendance SLA**

<b>Resource</b>	<b>Penalty</b>
SCR Resource (single resource requested in RFP like Project Director etc. – 12 days leave allowed per year. Penalty will be applicable beyond the allowed leave)	Rs.3000 /- per day per person
SCR Resource absence (Resources other than single resources mentioned above)	Rs.2000 /- per day per person
Absence of Resources at Other locations	Rs.1000 /- per day per person

**23.11 Link - Helpdesk related SLA (Response Time)**

<b>Links at SCR, State and District Level Offices</b>				
<b>Links at SCR, State and District Level Offices Parameter</b>	<b>PBH</b>	<b>Penalty during PBH (per ticket)</b>	<b>EBH</b>	<b>Penalty during EBH (per ticket)</b>
Time for Responding and Analyzing the fault	60 mins	INR 200 for each hour of delay	90 mins	INR 100 for each hour of delay
<b>Links at Taluka Level Offices</b>				
<b>Parameter</b>	<b>PBH</b>	<b>Penalty during PBH (per ticket)</b>	<b>EBH</b>	<b>Penalty during EBH (per ticket)</b>
Time for Responding and Analyzing the fault	90 mins	INR 200 for each hour of delay	120 mins	INR 100 for each hour of delay
<b>Links at Hobli Level Offices</b>				
<b>Parameter</b>	<b>PBH</b>	<b>Penalty during PBH (per ticket)</b>	<b>EBH</b>	<b>Penalty during EBH (per ticket)</b>

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Time for Responding and Analyzing the fault	180 mins	INR 200 for each hour of delay	210 mins	INR 100 for each hour of delay
<b>Manual Tickets (State, District &amp; Taluka Level NON-IT Equipment)</b>				
<b>Parameter</b>	<b>PBH</b>	<b>Penalty during PBH (per ticket)</b>	<b>EBH</b>	<b>Penalty during EBH (per ticket)</b>
Time for Responding and Analyzing the fault	180 mins	INR 200 for each hour of delay	210 mins	INR 100 for each hour of delay

### 23.12 Deleted

### 23.13 Delivery Timeline for Supply, Installation, and Commission

Activity	Service levels for the supply	Penalty for delay exceeding Service Levels
non-IT Components	5 weeks from the date of issue of Purchase Order	a. For delays between 0 to 2 weeks, 2% penalty on cost of each product supply. b. For delays between 2 to 4 weeks, 4% penalty on cost of each product supply c. For delays between 4 to 6 weeks, 5% penalty on cost of each product supply d. For delays beyond 6 weeks, 10 % penalty on cost of each product supply for each week.

## 24. Handover Takeover Process and Procedures:

**Handover / Takeover Process** The following chart would depict the processes that shall be involved in this entire handover/takeover exercise.

The Transition Committee to oversee the process of Handover/Takeover is formed

The successful bidder and the handing over party put their teams in place for handover/takeover

The Transition Committee in consultation with the Successful bidder and the handing over party prepares the handover/takeover plan. Plan would contain location-wise timelines

The handover/takeover at each of the locations takes place in the presence of a representative from the Transition Committee.

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The minutes of the handover/takeover is submitted to the Transition Committee. The Transition Committee inspects each of these minutes. The Committee shall also decide to perform a site inspection on a sampling basis.

Upon completion of handover/takeover at all locations, a presentation would be delivered by the handing over agency and the successful bidder. Sign off of the handing over agency would be certified by the Transition Committee. Successful bidder would take charge as the KSWAN System Integrator of KSWAN

### Protocol on Handover / Takeover procedure of Duties, Assets and Official Documents

#### **1. Handover/Takeover should happen only between persons duly nominated**

The bidder would have to nominate specific members from their team for the handover/takeover activity for each of the locations. The team nomination should be presented in the following format.

S. No.	Name of the Authorized Person	Takeover Details
1		
2		

#### **2. The Handover/Takeover procedure shall include the takeover of**

##### **a. Assets**

The assets would include software, hardware and networking components. The following is the list of various assets and their type that would require takeover.

S. No.	Asset type	Asset list	Remarks
1.	Hardware components	<to be taken from the existing operator>	
3.	Network components	<to be taken from the existing operator>	
5.	Software	<to be taken from the existing operator>	

##### **b. Documentation**

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The documents that require to be taken over would include user manuals, hardware configuration sheets, reports and templates etc. The following is the list of various documents that would have to be taken over.

Sl.No	Document type	Document list	Remarks
1	Manuals		
2	Configuration sheets		
3	Performance Reports		
4	OEM certificates and warranties		
5	Software licenses		
6	Software media		
7	Reporting Templates (if any)		

**3. The entire handover/takeover procedure would have to be overseen by the representative from the official committee that shall be formed for this purpose. This committee, called the Transition Committee. The committee would comprise of the following members**

S. No.	Member	Role	Organization
1.	Representative from CeG , Government. of Karnataka	Chairman	CeG , Government. of Karnataka
2.	Third party Auditor Consultant	Supervisor	TPA
3	Project Director of the existing System Integrator	Member	<del>existing System</del> <del>Integrator</del> (M/S <del>United Telecom</del> Pvt Ltd)

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4	Project Director of the successful bidder	Member	Successful bidder
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Handover/Takeover procedure at PoP locations shall be carried out in the presence of a representative from CeG, TPA, existing System Integrator and the successful bidder.

Handover/takeover procedure at other locations shall be carried out in the presence of GoK officer of the respective location, existing System Integrator and the successful bidder.

#### **4. Handover/takeover procedure should be carried out in official premises only**

The handover/takeover procedure would have to take place in official premises only. The detailed list of location of handover/takeover would be provided to the successful bidder once the contract is finalized. None of the aforementioned assets/documentations shall be taken outside the premises without prior approval of the handover/takeover committee. Assets/documentation being taken out would have to be recorded

#### **5. Handover/takeover procedure should be minuted**

It is understood that the handover/takeover procedure would last multiple sessions. Thus to bring in sufficient clarity and accountability, each of the handover/takeover sessions at each of the locations would have to be minuted by the successful bidder. The minutes shall capture the details of each of the activities that entail during the handover/takeover, the issues that arise, how the issues have been addressed, action points taken and the tentative agenda for the next handover/takeover session. The minute is also required to capture the personnel present during each of the sessions. Following is the recommended format that the bidder shall follow for minuting details of the handover/takeover sessions.

CeG KSWAN Handover/takeover

session no. <xx>

Date :

Location :

Participants:

CeG/GoK Representative: xxx Handover Agency: xxx

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Takeover Agency: xxx      TPA Representative: xxx
Agenda of the session and Decisions Taken
1.
2.
3.
4.
Agenda for the next session:
Signatures:

The minute prepared would have to be submitted to the Transition Committee within one working day after the conclusion of each of the handover/takeover sessions. The minutes would be inspected for consistency by the Transition Committee and shall be issued later and recorded

### **25. NMS Specification of KSWAN**

#### **Modules of Network Management System:**

The NMS deployed should have the following modules:

#### **25.1 Configuration Events & Alarms:**

- The NMS should have capability to view and record status of alarms, monitoring all WAN, LAN components and end devices based on SNMP polling and monitoring network device configuration.
- There shall be alarm correlation to prevent a flood of alarms.
- The alarms shall be audible and/or bring up a pop-up window if appropriate.
- The NMS shall allow users to create a Trouble Ticket for any alarms. This trouble ticket should allow users to enter comments on that alarm.

#### **Performance Management:**

- The management system shall provide the ability to set thresholds on performance metrics and generate alarms from these thresholds.
- The management system shall provide capacity planning reports that provide long-term traffic analysis to help in deciding whether to upgrade links or nodes

**Security Management:**

- Security Management: Illegal access to the management system shall be prevented; all users shall have a User Id and Password, which defines their access level with the management system.

**Domain Management:**

- The offered NMS system shall allow for Domain creation and partitioning, each domain being a different access level of part of the network or different function.
- It shall be possible to assign specific users to a particular domain, so the domain access can be restricted to the assigned users only.
- Users assigned to a specific Domain shall have different levels of authorization (i.e. different functions and privileges).

**25.2 Data Management:**

The NMS tool shall have data for the last six months. Data backup of reports older than 6 months shall be archived in KSDC. Space for storing backup will be provided in KSDC. The NMS tool should have provision and suitable arrangements for taking backup of NMS data. NMS should be able to maintain CMDB (Configuration Management Database) and should be able to track all the changes in the network along with the change history. NMS should be capable to maintain all KSWAN asset database. The solution should enable physical, financial and contractual aspects of all networking assets—from request and procurement to retirement and disposal— making it easy to optimize costs, mitigate security and compliance risks and drive business decisions. It should automatically discover and inventory enterprise networking assets and track changing asset configurations. The NMS should have integrated Databases and OS .

**25.3 Functionality:**

The NMS should have capability of generating customized reports, providing view of selected sub-networks and indicating networks status via different colours. Threshold configuration for monitoring parameters in NMS should be configurable and should be local to each component for a particular node i.e. in particular node provisioning of configuring individual threshold values for each CPU/interface/Memory or other similar components of node should be available in NMS

.

**25.4 Fault Management:**

The NMS should have capability to support advanced filtering, and to eliminate extraneous data/ alarms in web browser and GUI.

**25.5 Network Monitoring:**

The NMS should have capability to collect data and set service level, SNMP, to monitor and report utilization and availability and to support network monitoring via SNMP

polling. The NMS should collect raw data and store the same in a database repository. In the financial quote, The NMS tool & Database shall be quoted as a single line item. The NMS specifications will now include all the features which are required for monitoring the wired & wireless network. Both IPv4 and IPv6 supported for monitoring. In case the NMS provider does not have the full set of features, he shall then be under liability to procure the same from the wireless provider and integrate it with the NMS software. The final NMS software to be provided will thus have all the features as required by us.

## **25.6 Presentation:**

The NMS should have capability to represent discovered links with proper color for complete network visualization, to support dynamic object collections and auto discovery, to provide view of entire network topology in a single map, to generate customized maps based on certain group of devices/region. The state of the network components on the topology map shall be represented by a unique color scheme, such as Red to denote device 'Critical' or unavailable and Green to indicate that the device is working fine. Should automatically discover the complete network topology and able to show it in graphical manner with real time status. NMS should have facility to add connections manually and map it into physical / logical components in the network. It should be integrated with Geo Map and able to plot the nodes with hierarchical as well as flat manner and show with real time status.

In network diagram of NMS users should be able to define Primary & back up line connections for monitoring, so if primary line fails it should switch over to backup line & notify to administrator. Each diagram should be accessible by authorized users only. The NMS should have the capability to notify status change, an event, or a problem on a server or network equipment by sending a message as an e-mail or Mobile-SMS. Further, if the event that triggers the message is a problem, NMS shall take appropriate actions to correct the problem.

## **26. Terms and Conditions**

1. The bidders shall quote in Indian Rupees and the quoted price shall be inclusive of all taxes, duties, statutory levies, etc. Any Change in the quoted price is not allowed after the submission of the bid. However, the actual payment will be in accordance with GST prevailing on the date of issue of the purchase order in the event of any change in GST in the intervening period.
2. All licenses should be in the name of the "Chief Executive Officer, Centre for e-Governance Bangalore"
3. Performance Bank Guarantee - The successful bidder is required to furnish an unconditional and irrevocable Bank Guarantee for an amount equivalent to 5% of



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total price as quoted in the commercial bid within 14 days of issue of Letter of Intent valid for the period of contract + 3 more months of claim period, else EMD amount may be forfeited.

4. Award of Contract –The Contract will be awarded to the successful Bidder whose Bid has been determined to be substantially responsive and has been determined as the Best Value Bid. The decision of CEG is final in this regard.

1. Termination of contract – CEG reserves the right to cancel the contract placed on the bidder if:

- The bidder commits breach of any of the terms and conditions.
- The bidder goes into liquidation voluntarily or otherwise.
- The service is found unsatisfactory.

2. The Earnest Money Deposit (EMD) may be forfeited -

- If the bidder withdraws its bid during the period of bid validity or
- In case of successful bidder, if the bidder fails to furnish the performance guarantee within the stipulated time in the RFP or within any such extended time as CeG may approve.
- In case of successful bidder, if the bidder fails to sign MSA within stipulated time or within any such extended time as CeG may approve.

3. Unsuccessful bidder's Earnest Money Deposit (EMD) will be discharged as early as possible.....

4. Successful bidder's Earnest Money Deposit (EMD) will be discharged upon the bidder furnishing the performance guarantee.

### **26.1 BID PROPOSAL**

Each Bidder shall submit only one Proposal.

The bidder who submits or participate in more than One Proposal will be disqualified..

### **26.2 COST OF PROPOSAL**

The bidder shall bear all costs associated with the preparation and submission of its Proposal, including site visits, and CeG will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the proposal process.

### **26.3 CLARIFICATION OF TENDER DOCUMENT**

A prospective bidder requiring any clarification of the tender document may notify CeG, GoK in writing at CeG's correspondence address before the date mentioned in e-procurement portal CeG, GoK will respond to any request for clarification of the tender document. CeG, GoK response will be published in e-procurement Portal. The clarification shall be asked as per the given format. Queries not adhering to this format will not be responded to.

Sr. No	Page No/Clause No of the RFP Document	Query Details
1		

#### **26.4 PRE-BID MEETING**

- All those bidders who have obtained bid document can participate in pre-bid meeting to seek clarification on the bid, if any in the pre-bid meeting held at the venue and time as per the notification in e-Procurement portal.
- The purpose of the meetings will be to clarify issues and to answer questions on any matter that may be raised at that stage.
- The Bidder is requested, to submit any questions in writing to reach GoK as per the dates mentioned in e-Procurement portal the clarifications (including the query but without identifying the source of inquiry) will be uploaded on the portal (<https://kppp.karnataka.gov.in>)
- Non-attendance at the Pre-Bid Conference will not be a cause for disqualification of a Bidder.

#### **26.5 LANGUAGE OF BIDS**

The Bids prepared by the bidder and all correspondence and documents relating to the bids exchanged by the bidder and GoK, shall be written in the English language.

#### **26.6 DOCUMENTS COMPRISING THE BIDS**

The bid prepared by the Bidder shall comprise the following components. The bids not conforming to the requirements shall be summarily rejected.

#### **26.7 DOCUMENTS ESTABLISHING BIDDER' ELIGIBILITY (PRE-QUALIFICATION AND TECHNICAL)**

In support of eligibility, a bidder must submit the following documents (besides the other requirements of the tender), original copies or attested copies, as the case may be, in the absence of which the Bid will be rejected.

- Bid Letter (Format-1)
- General Information about the bidder (Format-2)
- Declaration of Acceptance of terms and Conditions of RFP (Format-3)
- Undertaking for blacklisting (Format-4)
- Local Establishment letter (Format-5)
- Undertaking on Litigation (Format-6)
- Certificate of Incorporation (Format-7)
- Local Presence of Bidder. (Format-8)
- Turnover certificate by Chartered accountant (Format-9)
- Bidders net worth (Format-10)
- Project experience of company and Purchase orders supporting claim in citation format. (Format-11)
- BOM & Compliance (Format – 12)
- OEM Authorization Letter (MAF) (Format – 13)
- Authorization letter for signing /submission of bid document
- Technical Proposal
- Understanding on compliance of Terms and Conditions of RFP.

### **26.8 EMD (TENDER SECURITY)**

The bidder shall upload a copy of the EMD paid details, as per Clause “Bid Security & its amount (EMD)”.

### **26.9 Procedure for Submission of Bids**

#### **26.9.1 Tender Processing Fees**

Bidder can download the tender document for free from the portal (<http://kppp.karnataka.gov.in>) till the due date and time for bid submission. Any interested bidder shall pay tender processing fee as specified in the e-Procurement portal. The tender processing has to be paid through any of the e-payment options in the portal:

- Credit Card
- Direct Debit
- National Electronic Funds Transfer (NEFT)
- Over the Counter (OTC) – designated ICICI bank branches located across the country

Please note that payments submitted through cheque or demand draft shall not be accepted. Further details regarding e-Payment, please refer to e-Procurement portal at the above-mentioned website or call e-procurement helpline.

Note: It will be in the interest of the bidders to familiarize themselves with the e-Procurement system to ensure smooth preparation and submission of the tender documents.

#### **26.9.2 Modes of Submission**

All interested bidders shall pay EMD and Tender Processing fee and submit their Technical and Commercial RFP responses electronically using the unified e-Procurement platform of the CeG. The e-Procurement portal is available at:

<https://kppp.karnataka.gov.in>

Companies shall submit the tenders only through the unified e-Procurement system before the scheduled date and time for bid submission. Tenders submitted after the due date and time will not be considered and CeG will not be liable or responsible for any delays due to unavailability of the portal and the internet link.

#### **26.9.3 Authentication of Bid**

The response bid shall be signed by the Bidder, or a person or persons duly authorized to bind the Bidder to the Contract. A letter of authorization shall be supported by a written power-of-attorney accompanying the bid. All pages of the bid and a copy of the tender document, except for un-amended printed literature, shall be initialed and stamped / digitally signed by the person or persons signing the bid.

#### **26.9.4 Validation of interlineations in Bid**

The bid shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the Bidder, in which case such corrections shall be initialed by the person or persons signing the bid.

#### **26.9.5 Bid Prices**

The bidder shall indicate prices according to the Performa prescribed in the RFP

#### **26.9.6 Firm Price**

Prices quoted by the bidder must be all inclusive, firm, and final, and shall not be subject to any escalation whatsoever during the period of the contract. Prices should include all state and central taxes, Viz. excise/ custom duties on the final finished supplies tendered for. Attention of the bidder is invited to the terms and conditions of payment given in clause 6 of this RFP.

#### **26.9.7 Bid Security & its amount (EMD)**

Bidder shall furnish as part of its bid an earnest money deposit. The earnest money deposit is required to protect the purchaser against the risk of bidders' conduct which would warrant the security's forfeiture.

The Bid shall contain EMD amount of Rs 30,00,000 (Rupees Thirty Lakhs only) and shall be paid through any of the e-payment options in the portal (<https://kppp.karnataka.gov.in/>):

- Credit Card
- Direct Debit
- National Electronic Funds Transfer (NEFT)
- Over the Counter (OTC) – designated ICICI bank branches located across the country

Note: e-Procurement portal will deny submission of the bid without submitting the EMD Deposit and it will take min 2-3 days for confirmation from the bank regarding the EMD realization.

Please note that payments submitted through cheque or demand draft shall not be accepted. For further details regarding e-Payment, please refer to e-Procurement portal at the above-mentioned website.

The bidder shall be disqualified if the prescribed EMD is not submitted along with the bid. The EMD (bid security) of the unsuccessful Bidder/s will be discharged / returned as promptly as possible.

No interest will be payable by CeG on the amount of the Bid Security. The bid security may be forfeited:

- 1) If a Bidder withdraws his/her bid or increases the quoted prices during the period of bid validity, or its extended period, without the explicit consent of the department, if any; or
- 2) In the case of a successful Bidder, if s/he fails within the specified time limit to: sign the Agreement or Furnish the required Performance Bank Guarantee

#### **26.9.8 Period of validity of Bids**

Bids shall remain valid for 180 days from the last date of submission of bid prescribed by Purchaser. A bid valid for a shorter period shall be rejected by GoK as non-responsive. In exceptional circumstances, GoK may solicit the bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. The bid security validity shall also be suitably extended. The bidder shall have to extend the validity of the bid up to at least 3 months if so asked for. However, no permission would be given to modify the bid in any way.

#### **26.9.9 Revelation of Prices**

Prices in any form and for any reasons shall not be revealed during any stage of evaluation before opening the commercial bid. In case such violation happens, then the bid shall be immediately rejected.

#### **26.9.10 Modification and withdrawal of Bids**

The tenderer may modify or withdraw its tender after the tender submission, provided that written notice of the modification or withdrawal is received by the Purchaser prior to the deadline prescribed for submission of tenders.

No tender may be modified subsequent to the deadline for submission of tenders.

No bid shall be withdrawn in the interval between the last date for receipt of bids, and the expiry of the bid validity period specified by the bidder in the bid. Withdrawal of a bid during this interval would result in forfeiture of the bidder's bid security.

#### **26.9.11 Address for correspondence**

The bidder shall designate the official mailing address, place, telephone number, fax number and e-mail address to which all correspondence shall be made by GoK. GoK will not be responsible for non-receipt of any communication sent to the bidder.

#### **26.9.12 Clarifications**

If deemed necessary, GoK may seek clarifications on any aspect from the bidder. However, that would not entitle the bidder to change or cause any change in the substance of the tender submitted or price quoted. GoK may, if so desire, ask the bidder to give a presentation/ demonstration for the purpose of clarification of the tender. All expenses for this purpose, as also for the preparation of documents and other meetings, will be borne by the bidders.

#### **26.9.13 Contacting GoK**

- a. Bidder shall NOT contact CeG/GoK on any matter relating to this bid, from the time of the submission of bid to the time the contract is awarded. During this period, all important notices will be published in the e-Procurement portal.
- b. Any effort by a bidder to influence GoK's bid evaluation, bid comparison, or contract award decision may result in the rejection of the bid. Such an act on the part of the Bidder shall amount to misconduct and will be liable for appropriate action, as decided by GoK.

#### **26.9.14 Bid currency**

Price shall be quoted entirely in Indian Rupees.

#### **26.9.15 Disqualifications**

The bidder's proposal is liable to be disqualified / rejected in the following cases or in case bidder fails to meet the bidding requirements as indicated in this RFP:

- Proposal is not submitted in accordance with the procedure and formats prescribed in this document or treated as non-conforming proposal.
- During validity of the proposal, or its extended period, if any of the bidder increases the quoted prices.
- The bidder's proposal is conditional and has deviations from the terms and conditions of RFP.

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- The bidder has submitted a proposal with price adjustment/variation provision.
- The bid is received in an incomplete form.
- The bidder fails to provide clarifications related thereto, when sought
- The bid is received after due date and time.
- The bid is not accompanied by all the requisite documents.
- Information submitted in the proposal is found to be misrepresented, incorrect or false, accidentally, unwittingly, or otherwise, at any time during the processing of the contract (no matter at what stage) or during the tenure of the contract including the extension period if any.
- Bidder tries to influence the proposal evaluation process by unfair/unlawful/corrupt/fraudulent means at any point of time during the bid process.
- In case, any bidder submits multiple proposals or if common interests are found in two or more bidders, the bidders are likely to be disqualified, unless additional proposals/bidders are withdrawn upon notice immediately.
- Exhibited a record of poor performance such as abandoning works, not properly completing the contractual obligations, inordinately delaying completion, or financial failures.
- Bidders may specifically note that while evaluating the proposals, if it comes to the department's knowledge expressly or implied, that some bidders may have colluded in any manner whatsoever or otherwise joined to form an alliance resulting in delaying the processing of proposal then the bidders so involved are liable to be disqualified for this contract as well as for a further period of three years from participation in any of the tenders floated by Procurement Entity.
- In case of any conviction of the bidder in court case/ legal proceedings, tax evasion case.
- Bidder has been blacklisted by Central/ State/ UT Government or any of their clients.
- Bids submitted without or with improper EMD.
- Bids which do not conform to validity of the bid as prescribed in the RFP.
- If the information provided by the Bidder is found to be incorrect / misleading at any stage / time during the Tendering Process.
- Any effort on the part of a Bidder to influence the bid evaluation, bid comparison or contract award decisions.
- Bids without signature of person(s) duly authorized on required pages of the bid
- Bids without power of authorization and any other document consisting of adequate proof of the ability of the signatory to bind the Bidder.
- Failure to furnish proofs for information provided
- Technical Bid containing commercial details.
- Revelation of Prices in any form or by any reason before opening the Commercial Bid.
- Failure to furnish all information required by the RFP Document or submission of a bid not substantially responsive to the RFP Document.
- Bidders not quoting for the complete Scope of Work as indicated in the RFP documents, addendum (if any) and any subsequent information given to the Bidder.
- Bidders not complying with the Technical and other instructions stated in the RFP Documents.

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- The Bidder not conforming to unconditional acceptance of full responsibility of providing services in accordance with the Scope of work and Service Level Agreements of this tender.
- Bidder does not confirm to the timelines indicated in the bid.
- Incomplete Price Bid
- Total price quoted by the Bidder does not include all statutory taxes and levies applicable.
- single bidder bidding for multiple OEMS to be disqualified

### 27.Pre - Qualifications Criteria

The bidder shall possess the following qualifications as minimum conditions:

Sl No	Particulars	Criteria	Proof/Documents Required
1	Bidder(s) company Registration	The Bidder must be a company registered in India under companies Act/ Limited Liability partnership act and should have been in operation for a period of at least 8 years as on bid date. (Consortium and joint ventures formed for the purpose of this project are not eligible to bid for this project. Trusts and societies are also not eligible to bid for this project)	Certificate of Incorporation from ROC to be submitted. Power of Attorney from company authorizing person for signing bid.
2	Local establishment at Bangalore	The Bidder should have at least one permanent office in Bangalore.	Self-Certificate issued by the HR head of the bidder organization
3	Annual Turnover	The average annual turnover of the Bidder during the last 3 financial years (i.e., 2020-21, 2021-22, 2022-23) shall not be less than <b>Rs 70 Crores</b> each year from provisioning of IT facility management services and/or data networking activities including <ul style="list-style-type: none"> <li>i.supplying of data network equipment and/or IT infrastructure</li> <li>ii.system integration of data network equipment and/or IT infrastructure</li> <li>iii.operations and maintenance/ facility management of data network equipment and/or IT services</li> </ul>	This should be evidenced by the audited accounts of the company as filed before the Registrar of Companies. In case the breakup of revenues is not available in the manner required in the audited Balance Sheet, the Bidder shall submit a certificate to this effect from the statutory auditor of the company / Chartered Accountant.
4	Net Worth	The Net Worth (measured as paid-up capital plus free reserves less deferred payment and contingent liability) of the Bidder shall be positive for the past five financial years (namely 2020-21, 2021-22, 2022-23)	Audited financial statements for the past three financial years (namely FY 2020-21, 2021-22, 2022-23)

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5	Blacklisting	The Bidder should not have been blacklisted by the Government of India or any state government or any of its agencies for any reasons whatsoever and the bidder should not have been blacklisted by Central / any other State/UT Government or its agencies for indulging in corrupt or fraudulent practices or for indulging in unfair trade practices as on the date of Publication of this RFP.	Undertaking from the Company Secretary or the Authorized Signatory
6	Project Experience	<p>The bidder should have the experience of:</p> <p>Having successfully implemented wide area network projects end to end, including supply installation, and Commissioning of conventional routers, switches, and maintenance of a network having a minimum number of <b>1000 offices</b> geographically separated over 100 different locations (Separate locations implies different cities, towns or villages) from a maximum of three projects in Central government (GoI) or it's PSUs or Public sector Banks/state government or its PSUs or large Private Organization (not nodes of own enterprise) during the last 3 financial years.</p> <p style="text-align: center;"><b>'OR'</b></p> <p>Bidder should have successfully executed a WAN project end to end, including supply, installation, and commissioning of conventional routers, switches, and maintenance over geographically separated locations (Separate locations implies different cities, towns or villages) in which the value of the project for the Bidder for setting up of the network and O&amp;M for the same shall be:</p> <p>One (1) Purchase Order of Rs. 19.00 Crores during the last 3 financial years OR</p> <p>Two (2) Purchase Orders of Rs. 12.00 Crores each during the last 3 financial years OR</p> <p>Three (3) Purchase Orders of Rs. 9.00 Crores each during the last 3 financial years.</p> <p style="text-align: center;"><b>OR</b></p>	Purchase order copy / completion certificate from the Concerned authorities.



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		Bidder should have successfully executed the Implementation/ Operation and Maintenance of at least one SWAN project including managing the network devices, 24/7 NOC Operations, Helpdesk, and managing WAN links etc. during the last 3 financial years	
7	Technical specifications	The bidder shall comply with the Technical Specification provided in RFP	Compliance statement to all the specifications. Detailed Solution document for all the features mentioned in the RFP, which shall be evaluated by a technical committee of CeG.
8	Resource	<p>The bidder should at least have 200 Technical staff on its payroll, as on date, out of which 50 should be graduate engineers in the discipline of electronics and communications and or Telecommunications and or IT and or Computer Science. Further, out of 200 technical staff, 50 should have network certification from any of the network equipment OEMs. The certifications shall be one of the following:</p> <ul style="list-style-type: none"> <li>a) Cisco Certified Network Associate, Cisco Certified Network Professional, Juniper Network Certified Internetwork Specialist.</li> <li>b) Any other equivalent OEM (data network equipment i.e routers and switches) certification.</li> </ul>	The Successful Bidder shall submit list of all OEM certifications of all the Technical staff that were listed as part of this bid, along with the pre-qualification bid document. However, the Successful Bidder shall submit copies of all OEM certifications of all the Technical staff that were listed as part of this bid, before signing the Contract.
9	Bidder shall have valid ISO Certificates	ISO 9001, ISO 20000 and ISO 27001	Copies of Certificates should be in the name of the bidder.
10	Escalation Matrix of Bidders Organization	The bidder shall enclose the Escalation Matrix of Bidders Organization for Project Implementation and Operation.	Escalation Matrix issued by HR head of the bidder

			organization or Self Declaration
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Note:

1. If the details furnished by the bidder found to be wrong at any point time during the bidding or contract, CeG reserves the right to terminate the contract and en-cash EMD/PBG in CeG favor.
2. Technical staff: Engineering graduates / Diploma in Engineering / MCA / BCA / Graduation or Post Graduation with relevant experience.

## **28.General Instructions and Bidding Process**

This invitation for bids is open to all Indian firms who fulfill prequalification criteria as specified in the RFP.

Breach of general or specific instructions for bidding, general and special conditions of contract with GOK or any of its user organizations during the past 3 years may make a firm ineligible to participate in bidding process.

Terms and conditions of e-Procurement tendering process is mandatory to all the bidders and OEMs

## **29.Bid Evaluation**

### **Overall Evaluation**

The Bid evaluation process shall be a two-stage process, pre-qualification cum Technical qualification evaluation, Commercial evaluation respectively. The bidder shall be considered for the next stage only if his/her bid is found to be responsive during the evaluation in the earlier stage. Any bid not found to be responsive in a stage shall not be evaluated in the subsequent stage.

### **Following is the brief process of Bid evaluation:**

The bids that are qualified in the pre-qualification cum technical criterion, shall become eligible for commercial evaluation

The bidder whose total commercial offer as per price schedule in Table A of commercial bid is determined to be the lowest after evaluation will be awarded the contract.

CeG / GoK may negotiate with the bidder who was declared as L1 on technical terms and/or commercial terms and/or on quoted prices.

However, CeG/ GoK reserve the right to reject any or all the bids without assigning any reason, whatsoever and is not bound to accept the bid.

### **Pre-Qualification cum Technical Evaluation**

a. The Bidder shall furnish the information and the formats prescribed in the RFP. The Bidder will be evaluated against the pre-qualification criteria given as stipulated in the Clause 50 and any non-conforming bids will be rejected.

b. GoK will examine the bids to determine whether they are complete, whether required bid security has been furnished, whether the documents have been properly signed, and whether the bids are generally in order. The Pre-qualification bid documentation furnished by the Bidder shall be examined prima facie to see if the technical skill base and financial capacity, experience in executing similar projects and other Bidder attributes claimed there in are consistent with the requirements of this RFP. GoK may ask Bidder(s) for additional information, visit to Bidder's site and/or arrange discussions with their professional, technical faculties to verify claims made in Pre-qualification bid documentation.

During the evaluation of bids, CeG/GoK (Purchaser) may at its discretion ask the bidder for a clarification of its bid. The request for clarification shall be in writing and no change in process or substance of the tender shall be sought.

c. Any Bid submitted without proper authorization from the respective OEM shall be treated as non-responsive.

d. A bid determined as not substantially responsive will be rejected by GoK and may not subsequently be made responsive by the bidder by correction of the non-conformity.

### **30.Evaluation of Commercial bids**

Commercial bids of those Bidders who are only technically qualified in the pre-qualification cum technical evaluation will only be opened. All other commercial bids will not be opened. The financial evaluation shall be done based on the details submitted by the bidder as per the format. The bidders shall be sorted in the ascending order as L1, L2, L3 etc. based on the total Commercial bid amount quoted by the technically qualified bidders in the e-Procurement portal. It is not binding on CeG/GoK to accept the L1 bid only.

### **31.Correction of Errors**

a) Proposals will be checked by the GoK for any arithmetic errors during the evaluation of the Financial Proposal. Errors will be corrected by the GoK as follows:

i) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern; and

ii) Where there is a discrepancy between the unit rate and the line-item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern, or between sub totals and total price, the unit or sub total price shall prevail and the total price shall be corrected.

b) The amount stated in the Financial Proposal will be adjusted by the GoK in accordance with the above procedure for the correction of errors and shall be considered as binding upon the Bidder. If the Bidder does not accept the corrected amount of Financial Proposal, its Proposal will be rejected (and EMD forfeited) and the Bidder will be liable for other appropriate action as decided by GoK.

### **32.Evaluation committee**

A Tender Evaluation Committee constituted by the competent authority in CeG, Govt. of Karnataka shall evaluate the tenders.

GoK's Right to accept any bid/ reject any or all bids

GoK reserves the right to accept or reject any bid, and to annul the tender process and reject all bids at any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for CeG, GoK's action.

### **33.Award and Contract**

#### **Notification of Award**

After evaluation of all accepted proposals by the evaluation committee, CeG/GoK will award the contract to the successful bidder whose bid has been determined to be substantially responsive and has determined as lowest evaluated bid.

Prior to the expiry of the period of bid validity, GoK will notify the successful bidder in writing by registered letter or email or by a Letter of Intent through e-Procurement portal, that his bid has been accepted. The receipt of acceptance should be sent by the bidder in writing through registered post or through e-procurement portal within 3 days.

The notification of award will be followed by signing of MSA within one week. Upon signing of the MSA, and after issuing of Purchase Order GoK/CeG will promptly notify each unsuccessful bidder and will discharge the bid security.

#### **Purchaser's right to vary quantity at time of award**

The Purchaser reserves the right at the time of contract award to increase or decrease by up to 25 percent of the overall contract value without any change in unit price or other terms and conditions.

Purchaser's right to accept any bid & to reject any or all bid

The Purchaser reserves the right to accept or reject any tender, and to annual the tendering process and reject all tenders at any time prior to contract award, without thereby incurring any liability to the affected Tenderer or Tenderers.

#### **Signing of Contract/ MSA**

As soon as GoK notifies the Successful Bidder, the MSA form in the bid document should be submitted by the bidder, incorporating all changes/clarifications issued by the GoK within 14 days of award.

#### **Contract management Module:**

CEG has taken the decision to handle Post Tendering activities online using the unified e-Procurement Platform of the State Government of Karnataka. Bidders shall submit electronic copy of performance bank guarantee, project plan, invoices etc. online in the e-Procurement platform. The bidders will have the provision to view the status of invoices for all contracts handled online. Selected bidder has to pay transaction fees for using the e-Procurement platform to handle post tendering activities. The charges for management of contracts vary from Rs. 500 to Rs. 7500 per contract depending on the contract value and the charges for catalogue management vary from Rs. 50 to Rs. 3000 per order, depending on order value.

#### **Expenses for the Contract**

The incidental expenses of execution of agreement / contract shall be borne by the successful bidder.

#### **Publicity**

Any publicity by the bidder in which the name of GoK is to be used, should be done only with the explicit written permission from GoK.

### **34.Other Clauses**

#### **Corrupt, fraudulent, and unethical practices**

The Government requires that Tenderers/Suppliers/Contractors observe the highest standards of ethics during the procurement and execution of Government financed contracts. In pursuance of this policy, the Government:

Defines the purposes of this provision, the terms set forth as follows:

(i). "Corrupt practice" means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the process of contract execution and  
(ii). "Fraudulent practice" means a misrepresentation of facts to influence a procurement process or the execution of a contract to detriment of the purchaser, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Purchaser of the benefits of free and open competition:

(iii). "Unethical practice" means any activity on the part of bidder, which try to circumvent tender process in any way. Unsolicited offering of discounts, reduction in financial bid amount, upward revision of quality of goods etc after opening of first bid will be treated as unethical practice.

Will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.

Will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a Government financed contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a Government financed contract.

#### **Resolution of disputes**

Any dispute arising out of or in connection with this contract or the RFP shall in the first instance be dealt with in accordance with the escalation procedure set forth in Master Services Agreement.

#### **Scope of Dispute Resolution**

Except where otherwise provided in the agreement, all questions and disputes relating to the meaning of the specifications, design, drawings and instructions here-in before mentioned and as to the quality of workmanship or materials used on the work or as to any other question, claim, right, matter or thing whatsoever in any way arising out of or relating to the agreement, designs, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the services and deliverables or the execution or failure to execute the same whether arising during the progress of the Project or after the cancellation, termination, completion or abandonment thereof shall be dealt with as mentioned hereinafter:

If any dispute arises between CeG and the Successful bidder in connection with, or arising out of, the agreement or RFP or the execution of the Project, whether during the execution of the Project or after its completion and whether before or after the repudiation or other termination of the agreement, including any disagreement by either party with any action, inaction, opinion, instruction, determination, certificate or valuation, the matter in dispute shall, in the first place, be referred to the Secretary/Principal Secretary/Additional Chief Secretary, DPAR(e-Gov). Either party may refer a dispute to the Secretary/Principal Secretary/Additional Chief Secretary, DPAR(e-Gov) who shall give a decision in writing within 30 days of reference of dispute. Either party may refer a written decision of the Secretary/Principal Secretary/Additional Chief Secretary, DPAR (e-Gov) to arbitration. If neither party refers the disputes to arbitration within 30 days of the date of such decision, Secretary/Principal Secretary/Additional Chief Secretary, DPAR(e-Gov) decision will be final and binding.

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In case either party is not satisfied with the decision of the Secretary/Principal Secretary/Additional Chief Secretary, DPAR(e-Gov), they can institute arbitration proceedings as per Indian Arbitration and reconciliation Act, 1996/read with amendment Act 2015, after a 30-day notice period.

Any dispute or difference or claim arising out of, or in connection with, or relating to the present contract or the breach, termination, or invalidity thereof, shall be referred and settled under the Arbitration Center, Karnataka (domestic and international) rules 2012, by one or more Arbitrators appointed in accordance with its rules.

Arbitration proceedings shall be held in Bangalore and the language of the arbitration proceedings and that of all documents and communications between the parties shall be English.

### **Notices**

Any queries or other document, which may be given by either Party under this Agreement or RFP or under the SLA, shall be given in writing in person or by pre-paid recorded delivery post or by facsimile transmission or through email to the notified address.

In relation to a notice given under this Agreement, any such notice or other document shall

be addressed to the other Party's principal or registered office address as set out below:

Program Director, KSWAN Centre for e-Governance Address: Centre for E-Governance, DPAR (e-Governance)Room No. 11, Vikasa Soudha, Dr Ambedkar Veedhi, Bengaluru, Karnataka-560001 Tel: 080-22373826 Fax: 080-22373841 Email: pdkswan@karnataka.gov.in	Vendor: Address: ..... Tel: ..... Fax: ..... Email: .....
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Any notice or other document shall be deemed to have been given to the other Party (or, if relevant, its relevant associated company) when delivered (if delivered in person) if delivered between the hours of 10.00 AM and 5.00 PM on a working day at the address of the other Party set forth above or if sent by fax, provided the copy of the fax is accompanied by a confirmation of transmission, or on the next working day thereafter if delivered outside such hours, and 7 days from the date of posting (if by letter).

Notice can also be given through email address furnished by the bidder. The time of the sent message in the outbox of the sender will be time of delivery of the message.

Either Party to this Agreement or to the SLA may change its address, telephone number, facsimile number and nominated email for notification purposes by giving the other reasonable prior written notice of the new information and its effective date.

### **Use of documents and Information**

The Supplier shall not, without prior written consent from GoK, disclose/ share/use the bid document, contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the GoK in connection therewith, to any person other than a person.

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Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.

The Supplier shall not, without prior written consent of GoK, make use of any document or information made available for the project, except for purposes of performing the Contract.

All project related document (including this bid document) issued by GoK, other than the contract itself, shall remain the property of the GoK and shall be returned (in all copies) to the GoK on completion of the Supplier's performance under the contract if so required by the GoK.

### **35. Change in the Applicable Law Related to Taxes and Duties**

All tax and levies that are required to perform contract shall be borne by the bidder except for statutory GST which will be borne by CEG

### **36. Form Templates for Bid Response**

The bid submission and all the bidder's communication shall be from the Authorized signatory (authorized by Board of Directors, a copy shall be enclosed).

#### **Format 1- Bid Letter (in firm/ company letter head) Proposal Covering Letter:**

[Date]

To,

Chief Executive Officer, Centre for e-Governance

M.S. Building, Gate # 2

Near Vidhana Soudha

Bangalore – 560001

Telephone – 080 22373840

Dear Sir,

Ref: Request for Proposal (RFP) for Selection of System Integrator for KSWAN O&M

Having examined the RFP, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to provide best of professional services as required and outlined in the RFP for the Karnataka State Wide Area Network to meet such requirements and provide such services as required are set out in the RFP.

We attach hereto the technical response as required by the RFP, which constitutes our proposal. We undertake that, if our proposal is accepted, to adhere to the timelines and service levels given in the RFP for various activities.

We agree for unconditional acceptance of all the terms and conditions set out in the RFP document and agree to abide by this tender response for a period of SIX MONTHS from the date fixed for bid opening and it shall remain binding upon us with full force and virtue, until within this period a formal contract is prepared and executed, this tender response, together with your written acceptance thereof in your notification of award, shall constitute a binding contract between us and CEG.

We confirm that the information contained in this proposal or any part thereof, including its exhibits, schedules, and other documents and instruments delivered or to be delivered to the CEG is true, accurate, and complete. This proposal includes all information necessary to ensure that the statements therein do not in whole or in part mislead the CEG as to any material fact.

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We agree that you are not bound to accept the lowest or any tender response you may receive. We also agree that you reserve the right in absolute sense to reject all or any of the products/ service specified in the tender response.

Until a formal contract is prepared and executed, this tender, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988".

We clarify/confirm that we comply with the eligibility requirements as per this RFP

It is hereby confirmed that I/ We are entitled to act on behalf of our corporation/ company/ firm/ organization and empowered to sign this document as well as such other documents, which may be required in this connection.

Dated this Day of 2024

(Signature)

(In the capacity of)

Having the Power of Attorney & duly authorized to sign the Tender Response for and on behalf of:

(Name and Address of Company)

Seal/Stamp of bidder

Witness Signature:

Witness Name:

Witness Address:

### Format 2- General Information about the Bidder

#### General Information of the Bidder

Requirements in Technical Bid	Details	Remarks
Name of the Company		
Date of Incorporation (Registration Number & Registering Authority) VAT No., CST No., PAN No.		
Legal Status of the Company in India & Nature of Business in India	Public Ltd Company / Private / Partnership firm	
Address of the Registered Office in India		
Date of Commencement of Business		
Address of the office in Bangalore		
Details of the Contact Person	Name: E-mail id: Phone number Fax number	



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Website		
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Place: Bidder's signature and seal.

Date:

Name of the Company:

Name of the Project:

**Format 3- Declaration of Acceptance of Terms and Conditions in RFP**

(in firm/ company letter head)

To,  
The Chief Executive Officer (CEO)  
Centre for e-Governance  
Gate 2, M.S. Building  
Bangalore – 560 001

Sir,

Subject: KSWAN O&M RFP

Reference: Tender No: <TENDER REFERENCE NUMBER> Dated <DD/MM/YYYY>

Sir,

I have carefully gone through the Terms & Conditions contained in the RFP document  
[No. ....] regarding KSWAN O&M.

I declare that all the provisions of this RFP/Tender Document are acceptable to my company. I further certify that I am an authorized signatory of my company and am, therefore, competent to make this declaration. Attached is the approval from the Board of Directors regarding my Power Of Attorney

Yours faithfully,

(Signature of the Bidder)

Printed Name

Designation

Seal

Date:

Business Address:

**Format 4- Undertaking on Not Being Black-Listed**

This is to certify that << COMPANY NAME >> is not blacklisted by the Government of Karnataka or any of its agencies for any reasons whatsoever and not blacklisted by Central / any other State/UT Government or its agencies for indulging in corrupt or fraudulent practices or for indulging in unfair trade practices and not backed out from executing the work after award of the work as on the DD of Month YYYY

Company Secretary / Authorized Signatory

Name of Signatory:

Bidder Name:

Date:

Place:

**Format 5- Undertaking on Office Premises (in firm/ company letter head)**

This is to certify that << COMPANY NAME >> has an office in Bangalore. Relevant address proof is enclosed.

Company Secretary / Authorized Signatory

Name of Signatory:

Bidder Name:

Date:

Place:

**Format 6- Undertaking on litigation(s) :**

This is to certify that << COMPANY NAME >> is not involved in any major litigation that may affect or compromise the delivery of services as required under this RFP.

Company Secretary / Authorized Signatory

Name of Signatory:

Bidder Name:

Date:

Place:

**Format 7- Certificate of Incorporation and Commencement**

Kindly attach Certificate of Incorporation and Certificate of Commencement issued by Registrar of Companies.

**Format 8- Local Presence of Bidder**

S.No.	Location	Address	Phone/Fax	Sales Tax Reg. No.	Operational since
1					
2					
3					

**Format 9 - Bidders Annual Turnover**

Annual Turnover calculation

(On Auditor's letterhead)

Date:

This is to certify that we M/s----- are the statutory Auditors of M/s----- and that the below mentioned calculations are true as per the Audited Financial Statements of M/s----- for the below mentioned years.

S.No.	Turnover	2017-18	2018-19	2019-20	2020-21	2021-22
1	Total turnover					

Note: The bidder is required to enclose the audit financial statements for these five years.

**Format 10 Bidders Net worth**

(On Auditor's letterhead)

Date:

This is to certify that we M/s----- are the statutory Auditors of M/s----- and that the below mentioned calculations are true as per the Audited Financial Statements of M/s----- for the below mentioned years

S.No.	Net worth	2017-18	2018-19	2019-20	2020-21	2021-22
1	Net worth					

Note: The bidder is required to enclose the audit financial statements for these five years.

**Format 11 - Project Execution Experience of company (Capability Statement)**

Name of (Company/Resource):

Sl. No.	Item	Details
General Information		
1	Customer Name/ Government Department	
2	Details of Contact Person Name: Designation: Email: Phone: Fax: Mailing Address:	
Project Details		
3	Name of the project	
4	Government/Non-Government	
5	Start Date/End Date	
6	Current Status (work in progress, completed)	
7	Contract Tenure	
8	Geographical Coverage (No. of office locations the project covers)	
9	Effort involved in person-months in each phase with average/peak number of resources deployed in each phase	Sl. No.
		Activity
		Effort
Size of the project		
10	Order Value of the project (in lakhs)	
11	Please provide copies of Work Order & Certificate of Completion for completed projects from the customer	

**Brief description of scope of project** (Highlight the Key Result Areas expected and achieved)

I, the undersigned, certify that to the best of my knowledge and belief, this citation correctly describes the project related details mentioned above. That the project mentioned above meets all requirements detailed in the relevant sections of the Qualification Criteria. I understand that any willful misstatement described herein may lead to my disqualification or dismissal, if engaged.

Signature of Authorized Signatory:

Date:

Note: Bidders are required to submit the citations in the above format in all the areas as mentioned in Evaluation criteria

### **Format 12 BoM and Technical Compliance**

#### **BOM**

<b>Sl. No.</b>	<b>Asset Description</b>	<b>Quantity</b>
1	12V 200AH SMF battery	80
2	12V 100AH SMF battery	80
3	LAN ports (along with 90 mts CAT6A Cable, IO Ports termination per port)	500
4	OFC LAN (With Both ends 1G Media Convertors, LIU units, 6 Core - Single Mode OFC)	10000 Meter
5	Fire Extinguisher (2 Kg)	177
6	Fire Extinguisher (5 Kg)	5

### **Format 13 OEM Authorization Form (MAF)**

MAF (Manufacturer Authorization Form)

To  
The Chief Executive Officer,  
Centre for e-Governance  
Room 146A, Gate 2, MS Building  
Bangalore-560 001

Dear Sir,

Sub: Authorization letter for tender number Ref:xxxxxxxxxx dated:xxxxxx

This is with reference to above subject of KSWAN O&M.

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We would like to authorize M/s..... who is a business associate/partner of <OEM> in India to participate in the above tender..... if awarded

We would extend OEM onsite warranty support for One year from the date of acceptance of KSWAN O&M.

We also certify that the Products offered would not be discontinued or be declared end-of-life or end-of-support for a period of 1 year from the date of acceptance.

Yours Faithfully,

for "Company Name"  
"Name of the person"  
& "Designation"

### Format 14 Commercial Bid Letter

**Commercial Bid Format:** Bidders shall quote the prices inclusive of all taxes, duties etc., and all other expenses for delivery and installation per item. This price shall be quoted by bidders directly in the [www.kppp.karnataka.gov.in](http://www.kppp.karnataka.gov.in) portal.

**Table 1 Operation & Maintenance of KSWAN**

Cost of Management, Operations and Maintenance for a period of 1 Year			
Sl. No.	Item	Quantity	Total Quoted Cost in Rs. (exclusive of tax)
1	State Control Room	1 Nos.	
2	District Control Room	30 Nos.	
3	Taluka Control Room	147 Nos.	
Total in Rs.			

**Table 2 – Maintenance of Radio Masts/Tower for a period of 1 year**

Sl. No.	Towers	Quantity	Total Quoted Cost in Rs. (exclusive of tax)
1.	30 Meters Ground based Tower	127 Nos.	
2.	18 Meters Ground based Tower	208 Nos.	
3.	9 Meters Roof Top Tower	65 Nos.	
4.	3 Meters Pole	180 Nos.	

**Table 3 – AMC of existing equipment for a period of 1 year**

Sl. No.	Asset	Quantity	Total Quoted Cost in Rs. (exclusive of tax)
1.	Solar UPS(5KVA)	161 Nos.	
2.	Conventional UPS(6KVA)	175 Nos.	
3.	Air Conditioners at PoP locations	370 Nos.	
4.	Conventional UPS (50KVA)	2 Nos.	
<b>Total in Rs.</b>			

**Table 4 – Cost of Insurance**

Sl. No.	Asset Description	Total Quoted Cost in Rs. (exclusive of tax)
1	Insurance for all the KSWAN Networking equipment (Routers, Switches)	
<b>Total in Rs.</b>		

**Table 5 – Cost of new procurements**

<b>Cost towards New Procurement for a period of 1 Year</b>			
Sl. No.	Asset Description	Quantity	Total Quoted Cost in Rs. (exclusive of tax)
1	Supply, Installation and Commissioning 200AH SMF Battery Bank (16 Nos.)	50 Sets	
2	Supply, Installation and Commissioning 100AH SMF Battery Bank (16 Nos.)	10 Sets	
3	Supply, Installation and Commissioning 120AH SMF Battery Bank (32 Nos.)	2 Sets	
4	LAN Connection (with all accessories like Cat6 cable, casing & capping, I/O Termination etc.)	300 Nos.	
5	OFC LAN Indoor (with all accessories like OFC cable, casing & capping, LIU Termination, Media convertors etc.)	5000 Meters	
6	Supply of Fire Extinguisher (2 Kg)	177 Nos.	

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7	Supply of Fire Extinguisher refilling (5 Kg)	5 Nos.	
8	Supply, Installation and Commissioning Biometric attendance devices (including One centralized server at SCR)	177 Nos.	
<b>Total in Rs.</b>			

**Table 6 – Buyback of items**

<b>Cost towards Buyback of Radio Mast/Towers and Battery Banks</b>			
<b>Sl. No.</b>	<b>Asset Description</b>	<b>Quantity</b>	<b>Total Quoted Cost in Rs.</b>
1	Buyback of 200AH SMF Battery Bank (16 Nos. Batteries)	50 Sets	
2	Buyback of 100AH SMF Battery Bank (16 Nos. Batteries)	10 Sets	
3	Buyback of 120AH SMF Battery Bank (32 Nos. Batteries)	2 Sets	
<b>Total in Rs.</b>			

**Evaluation criteria of Commercial bids:**

- The bidder shall quote their rates exclusive of all taxes in the commercial bid of the [kppp.karnataka.gov.in](http://kppp.karnataka.gov.in).
- The details of the various commercials to be quoted by the bidder are indicated in Table 1, Table 2, Table 3, Table 4, Table 5 and Table 6.
- L1 bidder = lowest of { sum of quoted items of (Table 1 + Table 2 + Table 3 + Table 4 + Table 5) – (Table 6)}.

<b>Lowest of Total Cost of {(Table1+Table2+Table3+Table4+Table5) - (Table6)} in Rs. (exclusive of taxes)</b>	<b>L1 Bid</b>
--	---------------

- Rate of GST Prevailing as on date of Publication of tender only to be taken into consideration, for evaluation purpose. However, the actual payment will be in accordance with GST prevailing on the date of invoice in the event of any change in GST in the intervening period.
- CeG reserves the right to vary quantity by +/- 25% as per KTPP act.
- The Bidder has to quote the Total value in the KPPP portal.
- Quantities are indicative. The actual quantity will be specified in the Purchase Order.
- For all the new procurements, CeG will issue the purchase orders separately as and when required with the required quantities.
- Payments shall be made based on the actual quantities as on the specific quarter duration.

g. The bidder shall submit the commercial bid exclusive of taxes. However, while invoicing to CeG towards services and goods, the bidder shall include the applicable taxes. The same will be settled by CeG.

### **37. DRAFT Contract Master Services Agreement CONTRACT FORM**

THIS AGREEMENT is made on this \_\_\_ day of \_\_\_\_ 2024, between Center for e-Governance (CeG) on behalf of Government of Karnataka (hereinafter called “the Purchaser”) which expression shall unless repugnant to the context thereof include his successors, heirs, assigns, of the one part, and M/s (hereinafter called “the Bidder”) which expression shall unless repugnant to the context thereof include his successors, heirs, assigns, of the other part.

WHEREAS the Purchaser had invited bids for KSWAN O&M, viz., Tender No ....., dated.....

AND WHEREAS the Purchaser has accepted the Bid by the bidder for KSWAN O&M as per the commercial bid enclosed in Annexure V and in pursuance of having accepted the said bid the parties have agreed to enter into this agreement.

The value of this contract is Rs..... with applicable GST for a period of one year.

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract referred to. The term RFP shall refer to Request for Proposal document in Tender No. ...., published in e-Procurement Portal, [www.kppp.karnataka.gov.in](http://www.kppp.karnataka.gov.in), on ....., also with Corrigendum, Clarification, issued against this RFP.
2. The following documents (collectively referred to as “Contract Documents”) shall be deemed to form and be read and construed as part of this Agreement, viz.:
  - a. The General Conditions of Contract.
  - b. The Special Conditions of Contract.
  - c. Annexures
3. The following documents shall be deemed to form and be read and construed as part of this Agreement:
  - a. Annexure I –Volume I and Volume II of REQUEST FOR PROPOSAL (RFP).
  - b. Annexure II –Corrigendum to REQUEST FOR PROPOSAL(RFP).
  - c. Annexure III – Clarifications by Purchaser to the tender pre-bid queries of the bidders.
  - d. Annexure IV – Technical Proposal submitted by the Bidder as submitted on the e-Procurement Portal ([www.kppp.karnataka.gov.in](http://www.kppp.karnataka.gov.in)) & clarifications submitted by the bidder on its technical proposal if any.
  - e. Annexure V – Financial Proposal submitted by the Bidder as submitted on the e-Procurement Portal, [www.kppp.karnataka.gov.in](http://www.kppp.karnataka.gov.in)
  - f. Annexure VI - Letter of Intent issued by CeG vide reference No .....dated .....
4. The mutual rights and obligations of the Purchaser and the Bidder shall be as set forth in the Contract, in particular:
  - a. The Bidder shall carry out the Services in accordance with the provisions of the Contract; and
  - b. The Purchaser shall make payments to the Bidder in accordance with the provisions of the Contract.



5. The date of commencement of the contract is effective from the Date of Signing of Agreement which has been explicitly agreed to by both the parties to this contract.

IN WITNESS WHEREOF, the Parties hereto have caused this Contract to be signed in their respective names as of the day and year first above written.

For and on behalf of Center for e-Governance, Government of Karnataka

\_\_\_\_\_  
Program Director, KSWAN

\_\_\_\_\_  
[Authorized Representative]

## **GENERAL CONDITIONS OF CONTRACT**

### **GENERAL PROVISIONS**

#### **Definitions**

Unless the context otherwise requires, the following terms whenever used in this Contract have the following meanings:

- a. "Applicable Law" means the laws and any other instruments having the force of law in India.
- b. "Purchaser" means the entity purchasing the services under this Contract
- c. "Contract" means the Agreement entered between the Purchaser and the Bidder, together with the contract documents referred to therein, including all the attachments, appendices, annexure, and all documents incorporated by reference therein
- d. "Contract Price" means the price to be paid for the performance of the Services, in accordance with Clause GC 6.3, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract
- e. "Effective Date" means the date on which this Contract comes into force and effect pursuant to Clause GC 2.1.
- f. "Third Party Auditor" means the agency appointed by CeG for auditing of KSWAN Operators namely System Integrator, Bandwidth System Integrator, VC System Integrator and any other System Integrator.
- g. "GC" means these General Conditions of Contract.
- h. "Government" means the Government of India/Government of Karnataka as applicable.
- i. "Bidder" means any private or public entity that will provide the Services to the Purchaser under the Contract.
- j. "Party" means the Purchaser or the Bidder, as the case may be, and "Parties" means both of them.
- k. "Personnel" means persons hired by the Bidder and assigned to the performance of the Services or any part thereof.
- l. "SC" means the Special Conditions of Contract by which the GC may be amended or supplemented.
- m. "Services" means the work to be performed by the Bidder pursuant to this Contract.
- n. "Bidder" means the entity bidding for the services under the Contract.
- o. "In writing" means communicated in written form with proof of receipt.
- p. "CeG" means Centre for e-Governance.
- q. "GoK" means Government of Karnataka.

#### **Relationship between the Parties**

Nothing contained herein shall be construed as establishing a relationship of master and servant or of principal and agent as between the Purchaser and the Bidder. The

## RFP for Selection of System Integrator for KSWAN Operation & Maintenance

Bidder, subject to this Contract, has complete charge of Personnel performing the Services and shall be fully responsible for the Services performed by them or on their behalf hereunder.

### **Law Governing Contract**

This Contract, its meaning and interpretation, and the relation between the Parties shall be governed by the Applicable Laws of India.

### **Language**

This Contract has been executed in English, which shall be the binding and controlling language for all matters relating to the meaning or interpretation of this Contract.

### **Notices**

- a. Any notice, request or consent required or permitted to be given or made pursuant to this Contract shall be in writing. Any such notice, request or consent shall be deemed to have been given or made when delivered in person to an authorized representative of the Party to whom the communication is addressed, or when sent to such Party at the address specified in the SC.
- b. A Party may change its address for notice hereunder by giving the other Party notice in writing of such change to the address specified in the SC

### **Location**

The Services shall be performed at the KSWAN SCR and all the KSWAN PoPs at DCRs and TCRs across the state.

### **Authorized Representatives**

Any action required or permitted to be taken, and any document required or permitted to be executed under this Contract by the Purchaser or the Bidder may be taken or executed by the officials specified in the SC.

### **Taxes and Duties**

The Bidder and their Personnel shall pay such indirect taxes, duties, fees, and other impositions levied under the Applicable Laws of India

The Purchaser shall not separately make any payments towards payment of taxes to be borne by the Bidders i.e., besides the all-inclusive contract price quoted by the supplier in response to RFP/tender No....., except the applicable GST which shall be paid on actuals.

### **Fraud and Corruption**

#### **a. Definitions**

It is the Purchaser's policy to require that the Purchaser as well as Bidders observe the highest standard of ethics during the selection and execution of such contracts. The Purchaser also requires that the Bidder does not demand any service charges from the Resident unless the same is agreed with the Purchaser in advance. In pursuance of this policy, the Purchaser:

defines, for the purpose of this provision, the terms set forth below as follows:

- i. "corrupt practice" means the offering, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the selection process or in contract execution.
- ii. "fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract to the Purchaser; and includes collusive practice among bidders, prior to or after bid submission,

designed to establish bid prices at artificially high or non-competitive levels and to deprive the Purchaser of the benefits of free and open competition

- iii. “collusive practices” means a scheme or arrangement between two or more bidders, with or without the knowledge of the Purchaser, designed to establish prices at artificial, noncompetitive levels.
- iv. “coercive practices” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process, or affect the execution of a contract.

“unfair trade practices” means supply of services different from what is ordered on or change in the Scope of Work which was agreed to.

b. Measures to be taken by the Purchaser

- a. The Purchaser may terminate the contract if it determines at any time that representatives of the Bidder were engaged in corrupt, fraudulent, collusive, or coercive practices during the selection process or the execution of that contract, without the Bidder having taken timely and appropriate action satisfactory to the Purchaser to remedy the situation.

- b. The Purchaser may also sanction against the Bidder, including declaring the Bidder ineligible, either indefinitely or for a stated period, to be awarded a contract if it at any time determines that the Bidder as, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a Purchaser-financed contract

c. Commissions and Fees

Purchaser will require the successful Bidder to disclose any commissions or fees that may have been paid or are to be paid to agents, representatives, or commission agents with respect to the selection process or execution of the contract. The information disclosed must include at least the name and address of the agent, representative, or commission agent, the amount and currency, and the purpose of the commission or fee.

d. Interpretation

In this Contract unless a contrary intention is evident:

- a. the clause headings are for convenient reference only and do not form part of this Contract.
- b. unless otherwise specified a reference to a clause number is a reference to all its sub-clauses.
- c. unless otherwise specified a reference to a clause, sub-clause or section is a reference to a clause, sub-clause or section of this Contract including any amendments or modifications to the same from time to time.
- d. a word in the singular includes the plural and a word in the plural includes the singular.
- e. a word importing a gender includes any other gender.
- f. a reference to a person includes a partnership and a body corporate.
- g. a reference to legislation includes legislation repealing, replacing, or amending that legislation.
- h. where a word or phrase is given a particular meaning, it includes the appropriate grammatical forms of that word or phrase which have corresponding meanings.

## **COMMENCEMENT, COMPLETION, MODIFICATION AND TERMINATION OF CONTRACT**

### **Effectiveness of Contract**

This Contract shall come into effect from the date of signing of Agreement by both the parties

### **Termination of Contract**

Notwithstanding the duration of the contract stated in the GC 2.4, the Purchaser, without prejudice or liability, reserves the right to terminate the contract for the reasons mentioned vide para 2.9.1 of this contract.

### **Commencement of Services**

The Bidder shall begin carrying out the Services as specified in the SC.

### **Expiration of Contract**

Unless terminated earlier pursuant to Clause GC 2.2 hereof, this Contract shall expire at the end of such time period after the Effective Date as specified in the SC.

### **Entire Agreement**

This Contract contains all covenants, stipulations and provisions agreed by the Parties. No agent or representative of either Party has authority to make, and the Parties shall not be bound by or be liable for, any other statement, representation, promise or agreement not set forth herein.

### **Modifications or Variations**

a) Any modification or variation of the terms and conditions of this Contract, including any modification or variation of the scope of the Services, may only be made by written agreement between the Parties. However, each Party shall give due consideration to any proposals for modification or variation made by the other Party.

(b) In cases of substantial modifications or variations, the prior written consent of the Purchaser is required.

### **Force Majeure**

#### **Definition**

a) For the purposes of this Contract, "Force Majeure" means an event which is beyond the reasonable control of a Party, is not foreseeable, is unavoidable and not brought about by or at the instance of the Party claiming to be affected by such events and which has caused the non-performance or delay in performance, and which makes a Party's performance of its obligations hereunder impossible or so impractical as reasonably to be considered impossible in the circumstances, and includes, but is not limited to war, riots, civil disorder, earthquake, fire, explosion, storm, flood or other extreme adverse weather conditions, strikes, lockouts or other industrial action (except where such strikes, lockouts or other industrial action are within the power of the Party invoking Force Majeure to prevent), confiscation or any other action by Government agencies.

(b) Force Majeure shall not include (i) any event which is caused by the negligence or intentional action of a Party or agents or employees, nor (ii) any event which a diligent Party

could reasonably have been expected both to take into account at the time of the conclusion of this Contract and avoid or overcome in the carrying out of its obligations hereunder.

(c) Force Majeure shall not include insufficiency of funds or in ability to make any payment required hereunder.

#### **No Breach of Contract**

The failure of a Party to fulfil any of its obligations under the contract shall not be considered to be a breach of, or default under, this Contract in so far as such inability arises from an event of Force Majeure, provided that the Party affected by such an event(a)has taken all reasonable precautions, due care and reasonable alternative measures in order to carry out the terms and conditions of this Contract, and(b)has informed the other Party as soon as possible about the occurrence of such an event.

#### **Measures to be taken**

(a)A Party affected by an event of Force Majeure shall continue to perform its obligations under the Contract as far as is reasonably practical and shall take all reasonable measures to minimize the consequences of any event of Force Majeure.

(b)A Party affected by an event of Force Majeure shall notify the other Party of such event as soon as possible, and in any case not later than fourteen (14) days following the occurrence of such event, providing evidence of the nature and cause of such event, and shall similarly give written notice of the restoration of normal conditions as soon as possible.

(c) Any period within which a Party shall, pursuant to this Contract, complete any action or task, shall be extended for a period equal to the time during which such Party was unable to perform such action as a result of Force Majeure.

(d) During the period of their inability to perform the Services as a result of an event of Force Majeure, the Bidder, upon instructions by the Purchaser, shall either:

- i. Demobilize or
- ii. Continue with the Services to the extent possible, in which case the Bidder shall continue to be paid proportionately and on prorated basis, under the terms of this Contract.

(e) In the case of disagreement between the Parties as to the existence or extent of Force Majeure, the matter shall be settled according to Clause GC 8.

(f) When the situation arising out of Force Majeure comes to an end in the assessment of the Purchaser, the Bidder shall resume normal activities under this agreement immediately. If the Purchaser considers it necessary, may grant an extension of time to the Bidder for resuming normal activities under this agreement. If the Bidder does not resume normal activities immediately or within the extended period, if any, granted by the purchaser, the Purchaser will have the option to invoke the Performance Guarantee, levy liquidated damages, obtain substitute performance from an alternate Bidder at the cost of the Bidder and / or terminate this Agreement.

(g) Notwithstanding the terms of this Article, the failure on the part of the Bidder terms under the RFP to implement any disaster contingency planning, insurance coverage and back up and other data safeguards in accordance with the terms of the RFP or this agreement against natural disaster, fire, sabotage or other similar occurrence shall not be an event of Force Majeure.

### **Suspension**

"The Purchaser may, by written notice of suspension to the Bidder, suspend all payments to the Bidder/Consortium member hereunder if the Bidder fails to perform any of its obligations under this Contract, including the carrying out of the Services, provided that such notice of suspension (i) shall specify the nature of the failure, and (ii) shall allow the Bidder to remedy such failure, if capable of being remedied, within a period not exceeding thirty (30) days after receipt by the Bidder of such notice of suspension as defined by CeG"

CeG reserves the right to apply penalties for failure by the Bidder in adherence to the SLAs.

### **Termination**

#### **By the Purchaser**

The Purchaser may, without prejudice to any other remedy for breach of Contract, terminate this Contract in case of the occurrence of any of the events specified in paragraphs (a) to (m) of this Clause GC 2.9.1.

In such an occurrence the Purchaser shall give a not less than Fifteen (15) days written notice of termination to the Bidder in the case of the event referred to in (a) to (j), Sixty (60) days written notice of termination to the Bidder in the case of the event referred to in (k), and Thirty (30) days in the case of the event referred to in (l).

(a) If the Bidder does not remedy a failure in the performance of their obligations under the Contract, within the time period specified after being notified by CeG or within any further period as the Purchaser may have subsequently approved in writing.

(b) If the Bidder becomes Insolvent or go into liquidation or receivership whether compulsory or voluntary.

(c) If the Bidder, in the judgment of the Purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

(d) If, as the result of Force Majeure, the Bidder are unable to perform a material portion of the Services for a period of not less than Thirty (30) days.

(e) If the Bidder submits to the Purchaser a false statement which has a material effect on the rights, obligations or interests of the Purchaser.

(f) If the Bidder places itself in position of conflict of interest or fails to disclose promptly any conflict of interest to the Purchaser.

(g) If the Bidder fails to provide the quality services as envisaged under this Contract. The Purchaser may make judgment regarding the poor quality of services, the reasons for which shall be recorded in writing. The Purchaser may decide to give one chance to the Bidder to improve the quality of the services.

(h) If the Bidder has been black listed.

(i) If the Bidder fails to fulfil its obligation under clause GC 3.3 hereof.

(j) If the Bidder fails to comply with any final decision reached as a result of arbitration proceedings pursuant to Clause GC 8 hereof.

(k) Termination for Convenience:

(l) The purchaser, by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the

## RFP for Selection of System Integrator for KSWAN Operation & Maintenance

Supplier under the Contract is terminated, and the date upon which such termination becomes effective

(ii) The goods/work that are complete and ready for shipment/delivery/go-live within 30 days after the supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining part, the Purchaser may elect:

(1). To have any portion completed and delivered at the Contract terms and prices; and/or

(2). To cancel the remainder and pay the Supplier an agreed amount of partially completed Goods and for materials and parts previously procured by the Supplier

If the Purchaser in its sole discretion and for any reason whatsoever decides to terminate this contract

In the event the Purchaser terminates the Contract in whole or in part, pursuant to Clause GC Clause 2.9.1, the Purchaser may procure, upon such terms and in such manner as it deems appropriate, services similar to those undelivered or not performed, and the Bidder shall be liable to the Purchaser for any additional costs for such similar services. However, the Bidder shall continue performance of the Contract to the extent not terminated.

Where a change of management of the Bidder has occurred whereby the Bidder company has merged, amalgamated or been taken over due to which the majority shareholding of the Bidder has been transferred to another entity and in case requirement of the Bidder set out in the RFP are not complied with, the Purchaser can by giving 15 (Fifteen) days written notice, can terminate this agreement and such notice shall become effective at the end of the notice period.

### **By the Bidder**

The Bidders may terminate this Contract, by not less than Sixty (60) days' written notice to the Purchaser, such notice to be given after the occurrence of any of the events specified in paragraphs(a)through(d) of this Clause GC 2.9.2:

(a) If the Purchaser fails to pay any money due to the Bidder pursuant to this Contract and not subject to dispute pursuant to Clause GC 8 hereof within Sixty (60) days after receiving written notice from the Bidder that such payment is overdue.

(b) If, as the result of Force Majeure, the Bidder is unable to perform a material portion of the Services for a period of not less than sixty (60) days.

(c) If the Purchaser fails to comply with any final decision reached as a result of arbitration pursuant to Clause GC 8 hereof.

### **Cessation of Rights and Obligations**

Upon termination of this Contract pursuant to Clauses GC 2.2 or GC2.9 hereof, or upon expiration of this Contract pursuant to Clause GC2.4 hereof, all rights and obligations of the Parties hereunder shall cease except, (i) such rights and obligations as may have accrued on the date of termination or expiration, (ii) the obligation of confidentiality set forth in Clause GC 3.3 and 3.4 hereof, (iii) the Bidder's obligation to permit inspection, copying and auditing of their accounts and records set forth in Clause GC 3.5 hereof, and (iv) any right which a Party may have under the Law (v) Liability arising out of any legal condition specified in the RFP Annexed/Contract.

### **Cessation of Services**

Upon termination of this Contract by notice of either Party to the other pursuant to Clauses GC 2.9.1 or GC 2.9.2 hereof, the Bidder shall, immediately upon dispatch or receipt of such notice, take all necessary steps to bring the Services to a close in a prompt and orderly manner and shall make every reasonable effort to keep expenditures for this purpose to a minimum. With respect to documents, data, and/ or any other material prepared by the Bidder and equipment and materials furnished by the Purchaser, the Bidder shall proceed as provided, respectively, by Clauses GC 3.8 or GC 3.9.

### **Payment upon Termination**

Upon termination of this Contract pursuant to Clauses GC 2.9.1 or GC 2.9.2, the Purchaser shall make the following payments to the Supplier:

(a) If the Contract is terminated pursuant to Clause GC 2.9.1 (d), (g), (i), (k), (l) and (m) or 2.9.2, remuneration pursuant to Clause GC 6.3(c), (i) hereof for Services satisfactorily performed prior to the effective date of termination.

(b) If the agreement is terminated pursuant of Clause GC 2.9.1 (a) to (c), (e), (f), (h), (j) the Supplier shall not be entitled to receive any agreed payments upon termination of the contract. However, the Purchaser may consider making payment for the part satisfactorily performed on the basis of Quantum Meruit as assessed by it, if such part is of economic utility to the Purchaser. Applicable under such circumstances, upon termination, the Purchaser may also impose liquidated damages as per the provisions of Clause GC 9 of this agreement. The Supplier will be required to pay any such liquidated damages to Purchaser within 30 days of termination date.

### **Extension of Contract**

The contract with the Successful Bidder shall be valid for one year from the date of signing of the Contract by both the parties. Extension of the contract for further period as required by the purchaser will be based on mutual agreement on the existing terms and conditions for a period of One(1) year from the date expiry of the contract.

## **OBLIGATIONS OF THE SUPPLIER**

### **General**

### **Standard of Performance**

The Supplier shall perform the Services and carry out their obligations here under with all due diligence, efficiency and economy, in accordance with generally accepted professional standards and practices, and shall observe sound management practices, and employ appropriate technology and safe and effective equipment, machinery, materials and methods. The Bidder shall always act, in respect of any matter relating to this Contractor to the Services, as faithful advisers to the Purchaser, and shall at all times support and safeguard the Purchaser's legitimate interests in any dealings with third Parties.

### **Suppliers Not to Benefit from Commissions, Discounts, etc.**

a) The payment of the Bidder pursuant to Clause GC 6 shall constitute the Bidder's only payment in connection with this Contractor the Services, and the Bidder shall not accept



for their own benefit any trade commission, discount, or similar payment in connection with activities pursuant to this Contract or to the Services or in the discharge of their obligations under the Contract, and the Bidder shall use their best efforts to ensure that the Personnel and agents of either of them similarly shall not receive any such additional payment.

**Prohibition of Conflicting Activities**

The Bidder shall not engage and shall cause their Personnel as well as and their Personnel not to engage, either directly or indirectly, in any business or professional activities which would conflict with the activities assigned to them under this Contract.

- a. The Bidder shall keep safe, secure and confidential and protect from unauthorized access, loss or damage all information, and all documents, data and information of any nature collected in the course of execution of the project.
- b. The Bidder shall not store, copy, publish, print, interfere, tamper with or manipulate the information collected in the course of the project.

The Bidder shall not give access to the information or data collected in the course of project to any person who is not authorized to handle the information or the data. The information should only be given to personnel authorized by the Purchaser and only retransmitted in the manner prescribed by the Purchaser.

**General Confidentiality**

Except with the prior written consent of the Purchaser, the Bidder and the Personnel shall not at any time communicate to any person or entity any confidential information acquired in the course of the Services, nor shall the Bidder and the Personnel make public the recommendations formulated in the course of, or as a result of, the Services.

**Insurance to be taken Out by the Supplier**

The Supplier (a) shall take out and maintain, on terms and conditions approved by the Purchaser, insurance against the risks, and for the coverage, as shall be specified in the SC; and (b) at the Purchaser's request, shall provide evidence to the Purchaser showing that such insurance has been taken out and maintained and that the current premiums have been paid and shall be paid for the premium paid on presenting the bills.

**Accounting, Inspection and Auditing**

(a) The Bidder(i) shall keep accurate and systematic accounts and records in respect of the Services here under, in accordance with internationally accepted accounting principles and in such form and detail as will clearly identify all relevant time changes and costs, and the bases there of, and(ii)shall periodically permit the Purchaser or its designated representative and/or the Purchaser, and up to five years from expiration or termination of this Contract, to inspect the same and make copies there of as well as to have them audited by auditors appointed by the Purchaser or the Purchaser, if so required by the Purchaser or the Purchaser as the case may be.

(b) The Purchaser shall have the right to carry out inspection checks, audits of the Bidder's premises and/ or locations, facilities, or point of delivery of services performed under this contract.

(c) The Purchaser shall have the right to carry out scheduled/ un- scheduled visits to any of the locations, manned by the Bidder and oversee the processes and operations of the Bidder

(d) The Bidder shall provide to the purchaser reasonable access to employees, Bidders, agents etc reasonably required for audit and shall provide all such persons with routine assistance in connection with the audits and inspections. The Bidder shall make every reasonable effort to cooperate with the purchaser.

(e) Notwithstanding anything to the contrary internal cost records and books of accounts of the Bidder will not be subject to any audit.

#### **Sub- contracting**

The Bidder shall not be permitted to sub-contract any part of its obligations, duties, or responsibilities under this contract.

The Bidder should take the consent of purchaser for the works that he/she want to subcontract.

#### **Reporting Obligations**

(a) The Bidder shall submit to the Purchaser the reports and documents specified in RFP and corrigendum hereto, in the form, in the numbers and within the time periods set forth in the said Annexures

#### **Rights of Use**

(a) All rights of use of any process, product, service, or data developed, generated, or collected, or any other task performed by the Bidder under the execution of the contract, would lie exclusively with the Purchaser or its nominated agencies in perpetuity free from all liens, encumbrances, and other third party rights and the Bidder shall, wherever required, take all steps that may be necessary to ensure the transfer of such rights in favour of the Purchaser or its nominated agencies.

#### **Equipment, Vehicles and Materials provided by the Purchaser**

Equipment, vehicles and materials made available to the Bidder by the Purchaser or purchased by the Bidder wholly or partly with funds provided by the Purchaser, shall be the property of the Purchaser and shall be marked accordingly. Upon termination or expiration of this Contract, the Bidder shall make available to the Purchaser an inventory of such equipment, vehicles and materials and shall dispose of such equipment and materials in accordance with the Purchaser's instructions. While in possession of such equipment, vehicles and materials, the Bidder, unless otherwise instructed by the Purchaser in writing, shall insure them at the expense of the Purchaser to an amount equal to their full replacement value.

#### **Equipment and Materials Provided by the Bidders**

Equipment or materials brought into India by the Bidder and the Personnel and used either for the Project or personal use shall remain the property of the Bidder or the Personnel concerned, as applicable.

**Intellectual Property Rights (IPR)**

For the purpose of this contract, "Intellectual Property" shall mean any and all inventions, designs, methods, modifications, improvements, processes, algorithms, databases, computer programs, techniques, trade secrets, graphics and images and audio or visual works and other works of authorship whether or not patentable or copyrightable; and includes all related trademarks and trademark applications, copyrights and copyright applications and other intellectual property rights.

The parties agree that the Intellectual Property in all outputs, deliverables, data and reports developed during the execution of this contract shall remain the sole exclusive property of the Purchaser. During the term of the Contract, any Intellectual Property created by the Bidder in the course of provision of Services to the Purchaser shall be the sole exclusive property of the Purchaser and the Bidder shall assign and transfer all such Intellectual Property to the Purchaser. The Bidder shall execute such documentation that may be required to make good the title of the Purchaser to the Intellectual Property.

**Assignment**

The Bidder shall not assign, in whole or in part, their obligations under this Contract

**OBLIGATIONS OF THE PURCHASER****Assistance and Exemptions**

Unless otherwise specified in the SC, the Purchaser shall use its best efforts to ensure that the Government shall:

- (a) Issue to officials, agents and representatives of the Government all such instructions as may be necessary or appropriate for the prompt and effective implementation of the Services.
- (b) Provide to the Bidder and Personnel any such other assistance as may be specified in the SC.

**Change in the Applicable Law Related to Taxes and Duties**

Increase or Decrease in taxes on account of any change in the applicable Laws of India with respect to Taxes which are directly payable by the Supplier for providing the services i.e. any such applicable tax from time to time shall be borne by bidder with exception to GST. The Purchaser will bear the applicable GST as per applicable rates from time-to-time.

**Services, Facilities and Property of the Purchaser**

- (a) The Purchaser shall make available to the Bidder and its Personnel, for the purposes of the Services and free of any charge, the services, facilities and property.
- (b) In case that such services, facilities and property shall not be made available to the Bidder, the Parties shall agree on any time extension that it may be appropriate to grant to the Bidder for the performance of the Services.

**Payment**

In consideration of the Services performed by Bidder under this Contract, the Purchaser shall make to the Bidder such payments and in such manner as is provided by Clause GC 6 of this Contract.

**Counterpart Personnel**

(a) If necessary, the Purchaser shall make available to the Bidder free of charge such professional and support counterpart personnel, to be nominated by the Purchaser with the Bidder's advice, as specified in the RFP and Corrigendum to the RFP annexed with this contract.

**PAYMENTS TO THE BIDDER****Total Cost of Services**

- a. The total cost of the Services payable is set forth in Annexure IV read with Annexure V as per the Bidder's proposal to the Purchaser and as negotiated thereafter.
- b. Except as may be otherwise agreed under Clause GC 2.6, payments under this Contract shall not exceed the amount specified in Annexure V to this contract.
- c. For additional services as required by the purchaser beyond the defined scope as defined in Annexure I, payments will be made by the purchaser as per the Change Schedule described in Annexure I.

**Currency of Payment**

All payments shall be made in Indian Rupees

**Terms of Payment**

The payments in respect of the Services shall be made as follows:

- (a) The Bidder shall submit the invoice for payment when the payment is due as per the agreed terms. The payment shall be released as per the work-related milestones achieved and as per the specified percentage as per SC.
- (b) All payments under this Contract shall be made to the accounts of the Bidder specified in the SC.
- (c) In case of early termination of the contract, the payment shall be made to the Bidder as mentioned herewith:

Assessment should be made about work done from the previous payment period, for which the payment is made or to be made till the date of the termination. The Bidder shall provide the details of the services performed during this period with supporting documents. CeG will evaluate the details submitted and make payments as appropriate.

**GOOD FAITH****Good Faith**

The Parties undertake to act in good faith with respect to each other's rights under this Contract and to adopt all reasonable measures to ensure the realization of the objectives of this Contract.

### **Operation of the Contract**

The Parties recognize that it is impractical in this Contract to provide for every contingency which may arise during the life of the Contract, and the Parties here by agree that it is their intention that this Contract shall operate fairly as between them, and without detriment to the interest of either of them, and that, if during the term of this Contract either Party believes that this Contract is operating unfairly, the Parties will use their best efforts to agree on such action as may be necessary to remove the cause or causes of such unfairness, but no failure to agree on any action pursuant to this Clause shall give rise to a dispute subject to arbitration in accordance with Clause GC8 hereof.

### **RESOLUTION OF DISPUTES**

#### **Amicable Settlement**

Performance of the contract is governed by the terms and conditions of the contract, in case of dispute arises between the parties regarding any matter under the contract, either Party of the contract may send a written Notice of Dispute to the other party. The party receiving the Notice of dispute will consider the Notice and respond to it in writing within 30 days after receipt. If that party fails to respond within 30 days, or the dispute cannot be amicably settled within 30 days following the response of that party, clause GC 8.2 shall become applicable.

#### **Arbitration**

a) In the case of dispute arising upon or in relation to or in connection with the contract between the purchaser and the Bidder which has not been settled amicably, in the first place, be referred to the Secretary/Principal Secretary/Additional Chief Secretary (e-Governance), GoK. Either party may refer a dispute to the Secretary/Principal Secretary/Additional Chief Secretary (e-Governance), GoK who shall give a decision in writing within 30 days of reference of dispute. Either party may refer a written decision of the Secretary/Principal Secretary/Additional Chief Secretary (e-Governance), GoK to arbitration. If neither party refers the disputes to arbitration within 30 days of the date of such decision, Secretary/Principal Secretary/Additional Chief Secretary (e-Governance), Centre for e-Governance's decision will be final and binding.

b) In case either party is not satisfied with the decision of the Secretary/Principal Secretary/Additional Chief Secretary (e-Governance), GoK, they can institute arbitration proceedings as per Indian Arbitration and reconciliation Act, 1996, read with Arbitration and Reconciliation (Amendment) Act 2015, after a 30-day notice period.

Any dispute or difference or claim arising out of, or in connection with, or relating to the present contract or the breach, termination or invalidity thereof, shall be referred and settled under the Arbitration Center, Karnataka (domestic and international) rules 2012, by one or more Arbitrators appointed in accordance with it's rules.

c) The Arbitration proceedings shall be held in Bengaluru and the language of the arbitration proceedings and that of all documents and communications between the parties shall be English.

d) The expenses of the arbitrator/s as determined by the arbitrator/s shall be shared equally by Purchaser and the Bidder. However, the expenses incurred by each party in connection with the preparation, presentation shall be borne by the party itself. All arbitration awards shall be in writing and shall state the reasons for the award.

e) The area of Jurisdiction for any appeal arising out of Arbitration Award shall be Bengaluru, Karnataka.

### **LIQUIDATED DAMAGES**

Except for event of Force Majure, if the supplier fails to deliver any or all of the Goods or to perform the services within the period(s) specified in RFP, the purchaser shall, without prejudice to its other remedies under the contract deduct from the contract price, as liquidated damages, a sum as per SLA penalty provisions in RFP, up to a maximum deduction of 10% of contract price. Once the maximum is reached, the purchaser may consider termination of contract pursuant to Termination Clause of GCC.

### **ADHERENCE TO RULES & REGULATIONS**

#### **Adherence to Safety Procedures, Rules, Regulations, & Restrictions**

(a) The Bidder shall comply with the provisions of all laws including labor laws, rules, regulations and notifications issued there under from time to time. All safety and labor laws enforced by statutory agencies and by Purchaser shall be applicable in the performance of this Contract and the Bidder shall abide by these laws.

(b) Access to the datacenter / data processing sites and Purchaser's locations shall be restricted to only essential personnel belonging to the Bidder who are genuinely required for execution of work or for carrying out management/maintenance who have been explicitly authorized by the Purchaser. The Bidder shall maintain a log of all activities carried out by each of its personnel.

(c) The Bidder shall take all measures necessary or proper to protect the personnel and facilities and shall observe all reasonable safety rules and instructions. The Bidder shall adhere to all security requirement/regulations of the Purchaser during the execution of the work.

(d) The Bidder shall report as soon as possible any evidence, which may indicate or is likely to lead to an abnormal or dangerous situation and shall take all necessary emergency control steps to avoid such abnormal situations

(e) The Bidder shall at all times indemnify and keep indemnified the Purchaser for any situation arising out of this clause while providing its services under the Project

(f) The Bidder shall take all measures to ensure compliance with all applicable laws and shall ensure that the personnel are aware of consequences of non-compliance or violation of laws including Information Technology Act, 2000, and its subsequent amendment.

### **LIABILITY**

#### **Limitation of Liability**

Except in case of gross negligence, criminal negligence or willful misconduct, and in the case of infringement:

- a) The Supplier shall not be liable to the Purchaser, whether in contract, tort or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the supplier to pay liquidated damages to the Purchaser; and
- b) The aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to any liability for damages arising from (a) willful misconduct or (b) indemnification against third party claims for infringement (c) or tortious liability arising out of willful misconduct or gross negligence or (d) death

- c) Liability arising out of any legal conditions shall survive the term (i.e termination/expiry) of the contract

## **MISCELLANEOUS PROVISIONS**

### **Miscellaneous Provisions**

- (i) Any failure or delay on part of any Party to exercise right or power under this Contract shall not operate as waiver thereof.
- (ii) The Bidder shall notify the Purchaser of any material change in their status, in particular, where such change would impact on performance of obligations under this Contract.
- (iv) The Bidder shall at all times indemnify and keep indemnified the Purchaser against all claims/damages etc. for any infringement of any Intellectual Property Rights (IPR) while providing its services under the Project.
- (v) The Bidder shall at all times indemnify and keep indemnified the Purchaser against any claims in respect of any damages or compensation payable in consequences of any accident or injury sustained or suffered by its employees or agents or by any other third Party resulting from or by any action, omission or operation conducted by or on behalf of the Bidder
- (vi) The Bidder shall at all times indemnify and keep indemnified the Purchaser against any and all claims by Employees, agent(s), employed engaged or otherwise working for the Bidder, in respect of wages, salaries, remuneration, compensation or the like.
- (vii) All claims regarding indemnity shall survive the termination or expiry of the Contract.
- (viii) All goods and services provided to the Purchaser by Bidder are subject to
- (ix) Country and Karnataka public disclosure laws such as RTI etc.
- The Bidder shall not make or permit to be made a public announcement or media release about any aspect of the Contract without a written consent from the Purchaser

### **Exit Management:**

1. The Bidder shall provide to the Purchaser with a recommended exit management plan ("Exit Management Plan") which shall deal with at least the following aspects of exit management in relation to the contract as a whole and in relation to the Project Implementation, the Operation and Management, SLA and scope of work.
  - (a) A detailed programme of the transfer process that could be used in conjunction with a Replacement Agency including details of the means to be used to ensure continuing provision of the services throughout the transfer process or until the cessation of the services and of the management structure to be used during the transfer; and
  - (b) Plans for communication with such of the Bidder's staff, customers and any related third party as are necessary to avoid any material detrimental impact on Purchaser's operations as a result of undertaking the transfer; and
  - (c ) Plans for provision of contingent support to CeG or its nominated agencies, and Replacement Agency for a reasonable period after transfer for the purposes of providing service for replacing the Services.
- 2.Exit Management Plan shall be presented by the Bidder to and approved by the Purchaser.
3. In the event of termination or expiry of the contract each Party shall comply with the Exit Management Plan.
4. During the exit management period, the Bidder shall use its best efforts to deliver the services.

5. Payments during the Exit Management period shall be made in accordance with the Terms of Payment Clause, and subject to the SLAs defined in Annexure I.
6. This Exit Management plan shall be furnished in writing to the Purchaser within 30 days from date of signing of the contract.
7. During the exit management period the Bidder will allow Purchaser access to information reasonably required defining the current mode of operation associated with the provision of the services to enable Purchaser to assess the existing services being delivered.
8. The Bidder shall provide all such information as may reasonably be necessary to affect as seamless a handover as practicable in the circumstances to the Purchaser/ replacement Agency and which the Bidder has in its possession or control at any time during the exit management period.
9. All information (including but not limited to documents, records and agreements) in digital and/ or paper form relating to the services reasonably necessary to enable the Purchaser and its nominated replacement agencies to carry out due diligence in order to transition the provision of the Services to Purchaser or its nominated replacement agencies, (as the case may be) must be maintained by the Purchaser from commencement of the project services.

**Risk Purchase Clause:**

The purchaser at his option will be entitled to terminate the contract and to get the services elsewhere at the risk and cost of the Bidder either the whole of the Services or any part which the Bidder has failed to deliver the services within the time stipulated. The Bidder shall be liable for any loss **(difference in rates quoted by the successful bidder and that procured by CeG)** which the Purchaser may sustain by reason of such risk purchases.

**SPECIAL CONDITIONS OF CONTRACT**

The following Special Conditions of Contract (SC) shall supplement the General Conditions of Contract (GC). Whenever there is a conflict, the provisions herein shall prevail over those in the GC.

Number of GC Clause: 1.2.5

**Amendments of, and Supplements to, Clauses in the General Conditions of Contract**

The addresses are:

Purchaser: Centre for e-Governance, Represented by Authorized representative  
Address: Centre for e-Governance, DPAR (e-Governance),  
MS Building, Room no 146, Gate -2 ,  
Bengaluru - 560 001, Karnataka  
Telephone: 080 22373826  
Fax: 080 2237 3841  
E-mail: pdkswan@karnataka.gov.in

Bidder:

Address:  
Telephone: 080  
Facsimile: 080  
E-mail:



**Number of GC Clause: 1.2.7**

The Authorized Representatives are:

For the Purchaser: Program Director, KSWAN, CeG

For the Bidder: [Valid document to be Annexed]

**Number of GC Clause 2.1**

The effective date of the Contract: Date of signing of Agreement by both the parties

**Number of GC Clause: 2.3**

The date for the commencement of Services: Date of signing of Agreement by both the parties

**Number of GC Clause: 2.4**

The time period shall be: As per RFP

**Number of GC Clause: 6.2**

The amount is in Indian Rupees (INR).

**Number of GC Clause: 6.3**

General terms and conditions of Payment Schedule

1. The release of payments will be Performance (output) based, where the payments are made for measured deliverables and outputs. The performance evaluation and SLA of the Bidder will be done as per SLA criteria defined in the RFP.
2. Bidder shall obtain sign-off for each milestone completed from the Purchaser and raise invoice as per the payment terms specified in the RFP.
3. Eligible Payments against invoice submitted (accompanied with all requisite documents) shall be released within 60 days of submission of invoice.
4. Power to withhold: Notwithstanding anything contained in the payment schedule mentioned below, if in the opinion of the Purchaser, any work done or supply made or service rendered by Bidder is deficient in any manner in comparison to the prescribed standards, Purchaser shall be at liberty to withhold whole or a reasonable portion of the payments due to the Bidder, till such service is made confirming to the prescribed standards. These powers to withhold payments shall be without prejudice to any other power/right of the purchaser under this contract.
5. All payments under this Contract shall be made to the account of the Bidder.
6. The payment to the Bidder shall be processed as per terms of payment specified in the RFP and corrigendum to RFP.

Payment Schedule

The payment to the Bidder shall be made as per the payment terms specified in the RFP, corrigendum to RFP and clarifications issued by CeG.

Number of GC Clause: 8.2(a)

Secretary/Principal Secretary/Additional Chief Secretary (e-Governance), GoK.

**Number of GC Clause: 8.2(b)**

The Arbitration proceedings shall take place in Bengaluru in India.

**38. Annexures****Annexure 1 – Diesel Generator List**

<b>KSWAN-DIESEL GENERATORS</b>				
<b>S</b>	<b>Site ID</b>	<b>Engine serial number</b>	<b>Installation Site Address</b>	<b>DG Rating KVA</b>
1	JKD-DG-01	D2.1611.91/0800185	KSWAN Control Room Jamkhandi, Bagalkot, KARNATAKA, India, 587301	15
2	ASK-DG-01	21.1042/9900470	KSWAN Control Room, ARASIKERE, ARASIKERE, Hassan, KARNATAKA, India, 573103	15
3	TPT-DG-01	D2.1612.92/1000055	KSWAN Control Room, Tiptur, Tumkur, KARNATAKA, India, 573103	15
4	AKG-DG-01	D2.1611.91/0800239	KSWAN Control Room, ARAKALGUDU, Hassan, KARNATAKA, India, 573103	15
5	KDG-DG-02	D8.1612.92/0900216	KSWAN Control Room, MADIKERI DG 2, Kodagu, KARNATAKA, India, 571201	10
6	RBG-DG-01	D2.1612.92/900043	KSWAN Control Room, Mini vidhan soudha DC office, Raibag, Belgaum, KARNATAKA, India, 591317	15
7	KWR-DG-01	D8.1608.92/0800452	KSWAN Control Room, DC OFFICE, KARWAR DG1, Uttara Kannada, KARNATAKA, India, 581301	10
8	SDN-DG-01	D2.1611.91/0800225	KSWAN Control Room, Sindhanur, Raichur, KARNATAKA, India, 584128	15
9	SDM-DG-01	D2.1611.91/0800226	KSWAN Control Room, SEDAM, Gulbarga, KARNATAKA, India, 585222	15
10	BKN-DG-01	D2.1611.91/0800260	KSWAN Control Room, Basavakalyan , Bidar, KARNATAKA, India, 585327	15
11	KRP-DG-01	D2.1611.91/0800249	KSWAN Control Room, K R Pete, Mandya, KARNATAKA, India	15
12	BLK-DG-01	D2.1612.92/0900045	KSWAN Control Room, BHALKI, Bidar, KARNATAKA, India, 585401	15
13	HLK-DG-01	D2.1612.92/0900058	KSWAN Control Room, Holalkere., Chitradurga, KARNATAKA, India, 577501	15

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14	SHP-DG-01	D2.1612.92/0900062	KSWAN Control Room, Shahpur, Yadgir, KARNATAKA, India, 585223	15
15	ALR-DG-01	D2.1612.92/0900040	KSWAN Control Room, Alur, Hassan, KARNATAKA, India, 573201	15
16	VRP-DG-01	D2.1612.92/0900054	KSWAN Control Room, TALUK OFFICE, VIRAJPETE, Kodagu, KARNATAKA, India, 571218	15
17	HPH-DG-01	D2.1612.92/0900044	KSWAN Control Room, Taluk office, Harapanahalli, Davanagere, Davangere, KARNATAKA, India, 583131	15
18	HBL-DG-01	D2.1612.92/0900049	KSWAN Control Room, Hubli, Mini Vidhan souda, Dharwad, KARNATAKA, India, 580029	15
19	GKK-DG-01	D2.1612.92/900053	KSWAN Control Room, Gokak, Belgaum, KARNATAKA, India, 590006	15
20	PVG-DG-01	D2.1611.91/080140	KSWAN WIPRO, PAVAGADA, Tumkur, KARNATAKA, India, 572103	15
21	KPR-DG-01	D2.1612.92/900042	KSWAN Control Room, Khanapur, Belgaum, KARNATAKA, India-591302	15
22	NMG-DG-01	D2.1612.92/0900068	KSWAN Control Room, NAGAMANGALA., MANDYA, Mandya, KARNATAKA, India, 571432	15
23	HYL-DG-01	D2.1611.91/0800135	KSWAN Control Room, Haliyala, Karwar, KARNATAKA, India, 581329	15
24	HRH-DG-01	D2.1612.92/0900050	KSWAN Control Room, Taluk Office, Harihara, Davanagere, Davangere, KARNATAKA, India, 577601	15
25	SRG-DG-01	D2.1611.91/0800193	KSWAN ( TALUK OFFICE), SRINGERI, Chickmagalur, KARNATAKA, India, 576201	15
26	KPA-DG-01	D2.1612.92/0900036	KSWAN Taluk Office Koppa, Koppa, Chickmagalur, KARNATAKA, India, 577126	15
27	BPL-DG-01	D2.1611.91/0800188	KSWAN Control Room, BAGHEPALLI, CHIKKABALLAPURE, Chikkaballapur, KARNATAKA, India, 561207	15
28	GBR-DG-01	D2.1611.91/0800249	KSWAN Control Room, Gowribidanur, Chikkaballapur, KARNATAKA, India, 561208	15
29	CGR-DG-01	D2.1611.91/0800176	KSWAN Control Room, Channagiri, Davangere, KARNATAKA, India, 577213	15

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30	MKM-DG-01	D2.1611.91/0800 261	KSWAN Control Room, Molakalmuru taluka, Chitradurga,KARNATAKA,India,577501	15
31	SGN-DG-01	D2.1612.92/0900 078	KSWAN Control Room, Shiggaon, Haveri,Haveri,KARNATAKA,India,581101	15
32	HDG-DG-01	D2.1611.91/0800 205	KSWAN Control Room, Taluk office,Hosdurga,Chitradurga,KARNATAKA,I ndia,577501	15
33	KRN-DG-01	D2.1612.92/0900 056	KSWAN Control Room, K R NAGAR TALUKA OFFICE,K R NAGAR , MYSORE,Mysore,KARNATAKA,India,57160 2	15
34	TNP-DG-01	D2.1611.91/0800 148	KSWAN Control Room, T Narasipura, Mysore, KARNATAKA,India	15
35	NJG-DG-01	D2.1611.91/0800 148	KSWAN Control Room, NANJANGUDU,Mysore,KARNATAKA,India, 571301	15
36	HDK-DG-01	D2.1612.92/0900 075	KSWAN Control Room, TALUK OFFICE,H.D KOTE,Mysore,KARNATAKA,India,571125	15
37	SVP-DG-01	D2.1611.91/0800 189	KSWAN TCR CONTROLROOM TALUK OFFICE BUILDING SOMVARPET	15
38	BTW-DG-01	D2.1611.91/0800 199	KSWAN Control Room, Bantwal,Mangaluru,Dakshina Kannada,KARNATAKA,India,574141	15
39	SLP-DG-01	D2.1611.91/0800 115	KSWAN Control Room, SAKALESH PURA,SAKALESH PURA,Hassan, KARNATAKA,India,573121	15
40	BDV-DG-01	D2.1612.91/0900 037	KSWAN Control Room, Taluk Office Bhadravathi,Bhadravathii,Shimoga,KARNA TAKA,India,577301	15
41	AKL-DG-01	D2.1612.92/0900 035	KSWAN Control Room, ANKOLA,ANKOLA,Karwar,Uttara Kannada,KARNATAKA,India,581314	15
42	RDG-DG-01	D2.1612.92/9000 61	KSWAN Control Room, RAMDURG,Belgaum,KARNATAKA,India,59 1123	15
43	RON-DG-01	D2.1612.92/0900 074	KSWAN Control Room, RONA Taluka,Gadag,KARNATAKA,India,582101	15
44	BBV-DG-01	D2.1612.92/0900 057	KSWAN Control Room, B bagewadi,Bijapur(KAR),KARNATAKA,India ,586203	15

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45	MNV-DG-01	D2.1612.92/0900067	KSWAN Control Room, TALUK OFFICE,MANVI,Manvi,Raichur,KARNATAK A,India,584123	15
46	DDG-DG-01	D2.1612.92/0900066	KSWAN Control Room, TALUK OFFICE,Deodurga,Raichur,KARNATAKA,In dia,584126	15
47	KNG-DG-01	D2.1611.91/0800191	KSWAN Control Room, Kunigal Taluka office, Tumkur, Karnataka	15
48	SLG-DG-01	D2.1611.91/0800235	KSWAN Control Room, Shidlaghatta, Chikkaballapur,KARNATAKA,India,561208	15
49	MGR-DG-01	D2.1611.91../0800254	KSWAN Control Room, Madhugiri,Tumkur,KARNATAKA,India,572 106	15
50	KDP-DG-01	D2.1612.92/0900064	KSWAN Control Room, Taluk Office Kundapura,Udupi,Udupi,KARNATAKA,Indi a,576201	15
51	SNP-DG-01	D2.1611.91/0800123	KSWAN Control room,G-Flore Mini Vidhana Soudha , Taluka Office ,MG Road ,Kolar,Srinivaspura-563135	15
52	NRP-DG-01	D2.1611.91/0800201	KSWAN Control room,,N.R. Pura,Chickmagalur,KARNATAKA,India,577 127	15
53	MAG-DG-01	D2.1611.91/0800134	KSWAN Control room,Magadi, Ramanagara District, KARNATAKA,India,560105	15
54	KNP-DG-01	D2.1611.91/0800219	KSWAN Control room, Kanakapura, Ramangara,KARNATAKA,India,560105	15
55	SIR-DG-01	D2.1611.91/0800228	KSWAN Control room, SIRA,SIRA,Tumkur,KARNATAKA,India,572 107	15
56	CKH-DG-01	D2.1611.91/0800246	KSWAN Control room,CHIKKANAYKANAHALLI,Tumkuru,T umakuru,KARNATAKA,India,573201	15
57	CPN-DG-01	D2.1612.92/0900038	KSWAN Control room,Channapatna,Ramanagar,Ramanagar ,KARNATAKA,India,562160	15
58	CTM-DG-01	D2.1611.91/0800118	KSWAN Control room,, Chinthamani,Kolar,KARNATAKA,India,563 101	15
59	NLM-DG-01	D2.1612.92/0900052	KSWAN Control room,Nelamangala,Bangalore Rural,KARNATAKA,India,562123	15
60	KRK-DG-01	D2.1611.91/0800252	KSWAN Control room,Karkala,Udupi,Udupi,KARNATAKA,In dia,574104	15

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61	HSG-DG-01	D2.1611.91/0800 151	KSWAN Control room,Karkala,Udupi,Udupi,KARNATAKA,India,574104	15
62	HNP-DG-01	D2.1611.9108001 86	KSWAN Control room,HOLENARASIPURA,HOLENARASIPURA,Hassan,KARNATAKA,India,573111	15
63	BEL-DG-01	D2.1611.91/0800 157	KSWAN Control room,MINI VIDHAN SOUDA BELUR,BELUR,Hassan,KARNATAKA,India,573103	15
64	CKR-DG-01	D2.1612.92/0900 034	KSWAN Control room,Taluk office,Challakere,Chitradurga,KARNATAKA,India,577522	15
65	JVG-DG-01	D2.1611.91/0800 121	KSWAN Control room,, Jevargi,Gulbarga,KARNATAKA,India,585325	15
66	YLD-DG-01	D2.1611.91/0800 125	KSWAN Control room,Yelandoor,Chamrajnagar,KARNATAKA,India,571441	15
67	KOL-DG-01	D2.1611.91/0800 241	KSWAN Control room,TALUK OFFICE,kollegala,Chamarajnagar,KARNATAKA,India,571124	15
68	PDP-DG-01	D2.1611.91/0800 206	KSWAN Control room, Pandavapura, Mandya,KARNATAKA,India,574201	15
69	HNS-DG-01	D8.1608.92../800 558	KSWAN Control room,HUNSURU,MYSORE,Mysore,KARNATAKA,India,571105	15
70	HNG-DG-01	D2.1611.91/0800 192	KSWAN Control room, Taluka office, Hanagal taluka, Haveri district	15
71	MVL-DG-01	D2.1612.92/0900 065	KSWAN Control room, Malavalli, Mandya, KARNATAKA,India,571430	15
72	BTG-DG-01	D2.1611.91/0800 119	KSWAN Control room,Belthangadi, Mangalore,,KARNATAKA,India	15
73	ANK-DG-01	D2.1611.91/0800 258	KSWAN Control room,Anekal taluka,,,Bangalore,KARNATAKA,India,560105	15
74	KGR-DG-01	D2.1611.91/0800 154	KSWAN Control room,Koratagere,Tumkur,KARNATAKA,India,573201	15
75	GBB-DG-01	D2.1611.91/0800 228	KSWAN Control room,GUBBI, Tumkur,KARNATAKA,India,573201	15
76	UDP-DG-02	D8.1608.92/0800 567	KSWAN Control room,Udupi DG2, KARNATAKA,India,577132	10
77	CPT-DG-01	D2.1611.91/0800 196	KSWAN Control room,MINI VIDHANSOUDA ,CHENNRAYAPATNA,Hassan,KARNATAKA,India,573103	15
78	SLY-DG-01	D2.1611.91/0800 194	KSWAN Control room, Taluk Office Sulliya, Mangalore,KARNATAKA,India,577101	15

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79	YDG-DG-01	D2.1611.91/0800 202	KSWAN Control room,Site Name Yadgir,Yadgir,KARNATAKA,India,585201	15
80	KPM-DG-01	D2.1611.91/0800 133	KSWAN Control room,TALUK OFFICE, KR PURAM,Bangalore,KARNATAKA,India,560 036	15
81	PPN-DG-01	D2.1611.91/0800 182	KSWAN Control room,TALUK OFFICE,Periyapatna, Mysore,KARNATAKA,India,571427	15
82	CTP-DG-01	D2.1611.91/0800 229	KSWAN Control room,KSWAN,Chittapura,Gulbarga,KARNA TAKA,India,585325	15
83	HBD-DG-01	D2.1611.91/0800 127	KSWAN Control room, humnabad,humnabad,Bidar,KARNATAKA,I ndia,585401	15
84	CHL-DG-01	D2.1611.91/0800 212	KSWAN Control room,CHINCHOLI,Gulbarga,KARNATAKA,I ndia,585307	15
85	SDG-DG-01	D2.1611.91/0800 187	KSWAN Control room,Sindagi,Bijapur(KAR),KARNATAKA,I ndia,586128	15
86	IND-DG-01	D2.1611.91/0800 214	KSWAN Control room,Indi taluka,Bijapur(KAR),KARNATAKA,India,58 6209	15
87	BDM-DG-01	D2.1611.91/0800 127	KSWAN Control room, Badami,Bagalkot,KARNATAKA,India,58710 1	15
88	MDL-DG-01	D2.1611.91/0800 251	KSWAN Control room,Mudhol,Bagalkot,KARNATAKA,India, 587201	15
89	DBP-DG-01	D2.1611.91/0800 213	KSWAN Control room,Doddaballapura,Bangalore,KARNAT AKA,India,560105	15
90	CKD-DG-01	D2.1611.91/8002 03	KSWAN Control room,chikkodi,Belgaum,KARNATAKA,India ,590008	15
91	HUK-DG-01	D2.1611.91/8001 43	KSWAN Control room,Hukkeri,Belgaum,KARNATAKA,India, 590008	15
92	SRP-DG-01	D2.1612.92/0900 063	KSWAN Control room,Shorapura, Yadgir,KARNATAKA,India,585103	15
93	BLY-DG-02	D8.1612.92/0900 218	KSWAN Control room,Bellary DG2,Bellary,KARNATAKA,India,583101	10
94	SDT-DG-01	D2.1611.91/8002 56	KSWAN Control room,Saundatti,Belgaum,KARNATAKA,Indi a,590008	15
95	BYL-DG-01	D2.1611.91/8001 42	KSWAN Control room,Bailahongal,Belgaum,KARNATAKA,In dia,590008	15

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96	MBH-DG-01	D2.1612.92/0900059	KSWAN Control room,Muddebihal ,Bijapur(KAR),KARNATAKA,India,586212	15
97	NRG-DG-01	D2.1611.91/0800210	KSWAN Control room,Nargund.,Gadag,KARNATAKA,India,582101	15
98	KGL-DG-01	D2.1611.91/0800310	KSWAN Control room, Kundgol,Dharwad,KARNATAKA,India,580002	15
99	KLG-DG-01	D2.1611.91/0800217	KSWAN Control room, Kalghatagi,Dharwad,KARNATAKA,India,580002	15
100	ARD-DG-01	D2.1612.92/0900048	KSWAN Control room, aural,bidar,Bidar,KARNATAKA,India,585401	15
101	HGD-DG-01	D2.1612.92/0900046	KSWAN Control room,Hunagund1,Bagalkot,KARNATAKA,India,587118	15
102	HYR-DG-01	D2.1612.92/0900060	KSWAN Control room,Taluk Office,Hiriyur,Chitradurga,KARNATAKA,India,577501	15
103	JDA-DG-01	D2.1611.91./0800138	KSWAN Control room,joida,Uttara Kannada,KARNATAKA,India,581186	15
104	SRS-DG-01	D2.1611.91/0800259	KSWAN Control room,SIRSI,Uttara Kannada,KARNATAKA,India,581401	15
105	YLP-DG-01	D2.1611.91/0800169	KSWAN Control room,yellapur,Uttara Kannada,KARNATAKA,India,581359	15
106	MGD-DG-01	D2.1611.91/0800145	KSWAN Control room,Mundagod,Uttara Kannada,KARNATAKA,India,581349	15
107	SDP-DG-01	D2.1611.91/0800257	KSWAN Control room, Siddhapur,Uttara Kannada,KARNATAKA,India,581355	15
108	KMT-DG-01	D2.1611.91/0800233	KSWAN Control room,Kumta taluka, karwar,KARNATAKA,India	15
109	ATN-DG-01	D2.1611.91/800218	KSWAN Control room,Athani,Belgaum,KARNATAKA,India	15
110	THL-DG-01	D2.1611.91/0800211	KSWAN Control room,THALUK OFFICE,THIRTA HALLI,Shimoga,KARNATAKA,India,577220	15
111	SPN-DG-01	D2.1611.91/0800255	KSWAN Control room,DC OFFICE,SRIRANGAPATNA,Mandya,KARNATAKA,India,571401	15
112	SRB-DG-01	D2.1611.91/0800147	KSWAN Control room, Taluk Office Soraba,Shimoga,Shimoga,KARNATAKA,India,577429	15
113	SGR-DG-01	D2.1611.91/0800117	KSWAN Control room, AC Office Sagar,Shimoga,Shimoga,KARNATAKA,India,577401	15
114	JGR-DG-01	D2.1612.92/0900051	KSWAN Control room,Taluk office,Jagalur,Davanagere,Davangere,KARNATAKA,India,577528	15



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115	HNV-DG-01	D2.1611.91/0800 242	KSWAN Control room,HONNVAR,Karwar,Uttara Kannada,KARNATAKA,India,581334	15
116	SKP-DG-01	D2.1611.91/0800 179	KSWAN Control room, Taluk Office Shikaripura,Shimoga,Shimoga,KARNATAK A,India,577427	15
117	MBL-DG-01	D2.1611.91/0800 156	KSWAN Control room,KSWAN Office ,1st Flore Mini Vidhana Soudha ,Taluka Office,KOLAR,Mulabagilu-563131	15
118	SVN-DG-01	D2.1611.91/0800 234	KSWAN Control room,SAVANUR, DC OFFICE,Haveri,KARNATAKA,India,581101	15
119	RBN-DG-01	D2.1611.91/0800 248	KSWAN Control room,Ranebennur,Haveri,KARNATAKA,Ind ia,581101	15
120	SRH-DG-01	D2.1611.91/0800 180	KSWAN Control room,SHIRAHATTI,Gadag,KARNATAKA,Ind ia,582102	15
121	LGS-DG-01	D2.1611.91/08.0 0197	KSWAN Control room,, Lingasaguru taluka, Raichur, Karnataka	15
122	KDL-DG-01	D2.1611.91/0800 195	KSWAN Control room,Taluk Office,Kudligi,Ballari,Bellary,KARNATAKA,I ndia,583135	15
123	SND-DG-01	D2.1611.91/0800 178	KSWAN Control room,Taluk Office,Sandur,Sandur,Bellary,KARNATAKA, India,583119	15
124	HBH-DG-01	D2.1611.91/0800 152	KSWAN Control room,H.B.Halli,Ballari,Bellary,KARNATAKA ,India,583212	15
125	BGP-DG-01	D2.1611.91/0800 244	KSWAN Control room,KSWAN Office ,2nd Flore Mini Vidhana Soudha ,Taluka Office,Kolar Main Road ,KOLAR,Bangarpet- 563114	15
126	MLR-DG-01	D2.1611.91/0800 158	KSWAN Control room,KSWAN Office,G- flore Mini Vidhana Soudha ,Taluka Office, Next to Police Station Hosur Road Malur- 563130	15
127	HKT-DG-01	D2.1611.91/0800 144	KSWAN Control room,,HOSKOTE,,Bangalore,KARNATAKA,I ndia,560043	15
128	MUD-DG-01	D2.1611.91/0800 122	KSWAN Control room,Mundargi,Gadag,Gadag,KARNATAKA, India,582101	15
129	YBG-DG-01	D2.1611.91/0800 222	KSWAN Control room,Taluk Office,Yelburga,Yelburga,Koppal,KARNATA KA,India,583236	15
130	KTG-DG-01	D2.1611.91/0800 238	KSWAN Control room,Taluk Office,Kustagi,Kustagi,Koppal,KARNATAKA ,India,583277	15

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131	HPT-DG-01	D2.1611.91/0800 184	KSWAN Control room,Taluk Office,Hospet,Hospet,Bellary,KARNATAKA, India,583201	15
132	TVK-DG-01	D2.1611.91/0800 24	KSWAN Control room,TURVEKERE,Tumkur,Tumkur,KARN ATAKA,India,572103	15
133	SGP-DG-01	D2.1611.91/0800 177	KSWAN Control room,,SIRUGUPPA,Ballari,Bellary,KARNAT AKA,India,583121	15
134	GDG-DG-02	D8.1608.92/0800 467	KSWAN Control room, , DC Office, Gadag DG2, Gadag, Karnataka, India	10
135	CMG-DG- 01	D2.1611.91/0800 900	KSWAN Control room, DC Office Chickmagalur,KARNATAKA,India,577549	10
136	GBG-DG-02	D8.1608.92/0800 464	KSWAN Control room,GULBARGA2,Gulbarga,KARNATAKA,I ndia,585101	10
137	HNL-DG-01	D2.1611.91/0800 150	KSWAN Control room,, ,Honnalli,Davangere,KARNATAKA,India,57 7217	15
138	KDG-DG-01	D8.1608.92../080 0439	KSWAN Control room,, Kodagu DG1, Kodagu,KARNATAKA,India,571201	10
139	HKR-DG-01	D2.1611.91/0800 223	KSWAN Control room,Hirekerur,Haveri,KARNATAKA,India, 581101	15
140	BYD-DG-01	D2.1611.91/0800 159	KSWAN Control room,BYADAGI,Haveri,KARNATAKA,India, 581101	15
141	AFZ-DG-01	D2.1611.91/0800 253	KSWAN Control room, AFZALPUR,Gulbarga,KARNATAKA,India,58 5301	15
142	ALD-DG-01	D2.1611.91/0800 240	KSWAN Control room, Alanda,Gulbarga,KARNATAKA,India,58532 5	15
143	PTR-DG-01	D2.1611.91/0800 216	KSWAN Control room, Taluka ofc, Puttur taluka, Mangalore,KARNATAKA,India,577101	15
144	CMG-DG- 02	D8.1608.92/0800 897	KSWAN Control room,DC Office, CMG DG2, Chikkamagalore, Karnataka	10
145	HSN-DG-02	D8.1608.92/0800 558	KSWAN Control room,DC Office, Hassan DG2, Hassan,KARNATAKA,India,573201	10
146	HSN-DG-01	D8.1608.92/0800 564	KSWAN Control room,DC OFFICE,Hassan DG1, Hassan,KARNATAKA,India,573101	10
147	MYS-DG-02	D8.1608.92/0800 451	KSWAN Control room,D C OFFICE ROAD,Mysore,KARNATAKA,India,570004	10
148	MYS-DG-01	D8.1608.92/0800 571	KSWAN Control room,D C OFFICE ROAD,Mysore,KARNATAKA,India,570004	10
149	MDY-DG- 02	D8.1608.92/0800 548	KSWAN Control room,DC Office,,Mandya,Mandya,KARNATAKA,India, 571401	10

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150	BLY-DG-01	D8.1608.92/0800 894	KSWAN Control room, BELLARY DG1, ,BELLARY,Bellary,KARNATAKA,India,5831 01	10
151	MDY-DG- 01	D8.1608.92/0800 559	KSWAN Control room,TALUK OFFICE MANDYA,MANDAY,Mandya,KARNATAKA,I ndia,571401	10
152	MGL-DG-01	D8.1608.92../080 0433	KSWAN Control room,DC Office, Manga,ore DG1, Mangalore, KARNATAKA,India,576104	10
153	MGL-DG-02	D8.1608.92/0800 561	KSWAN Control room,DC Office,Mangalore DG2, Mangalore, KARNATAKA,India,575001	10
154	UDP-DG-01	D8.1608.92/0800 433	KSWAN Control room,KSWAN, DC Offcie, Udupi DG1, Karnataka, India	10
155	CMR-DG- 02	D8.1608.92/0800 556	KSWAN Control room,DC OFFICE,CHAMRAJNAGAR DG2,Chamrajnagar,KARNATAKA,India, 571313	10
156	CMR-DG- 01	D8.1608.92/0800 563	KSWAN Control room,DC OFFICE,CHAMRAJNAGAR DG1,Chamrajnagar,KARNATAKA,India,571 313	10
157	CBP-DG-01	D8.1608.92/0800 552	KSWAN Control room,CHIKKABALLAPUR DG1,Chikkaballapur,KARNATAKA,India,56 1208	10
158	CBP-DG-02	D8.1608.92/0800 426	KSWAN Control room,CHIKKAPALAPUR DG2,Chikkaballapur,KARNATAKA,India,56 1208	10
159	CDG-DG-01	D8.1608.92/0800 898	KSWAN Control room, DC Office, Chitradurga DG1,KARNATAKA,India,577501	10
160	CDG-DG-02	D8.1608.92/0800 899	KSWAN Control room,CHITRADURGA DG2,Chitradurga,KARNATAKA,India,57750 1	10
161	KWR-DG- 02	D8.1608.92/0800 442	KSWAN Control room, Karwar DG2- KARNATAKA,India581301	10
162	DVG-DG-02	D8.1608.92/0800 447	KSWAN Control room,Davanagere DG2,Davangere,KARNATAKA,India,577002	10
163	DVG-DG-01	D8.1608.92/0800 434	KSWAN Control room,Davanagere DG1,Davangere,KARNATAKA,India,577002	10
164	BGM-DG- 01	D8.1608.92/8005 51	KSWAN Control room, ,BELGAUM DG1,Belgaum,KARNATAKA,India,590001	10
165	SMG-DG-01	D8.1608.92/0800 562	KKSWAN Control room,Shimoga DG1,Shimoga,KARNATAKA,India,577201	10
166	SMG-DG-02	D8.1608.92/0800 554	KSWAN Taluk Office, Shimoga DG2,Shimoga,KARNATAKA,India,577201	10
167	BGM-DG- 02	D8.1608.92/8004 37	KSWAN Control room,DC OFFICE,BELGAUM	10

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			DG2,BELGAUM,Belgaum,KARNATAKA,India,590001	
168	NGD-DG-01	D2.1611.91/0800227	KSWAN Control room,Navalgund,Dharwad,KARNATAKA,India,582101	15
169	DWR-DG-02	D8.1608.92/0800446	KSWAN Control room,Dharwad DG - 2,Dharwad,Dharwad,KARNATAKA,India,580001	10
170	BDR-DG-01	D8.1608.92/0800444	KSWAN Control room,DC OFFICE,NEAR OLD BUSTAND,Bidar DG1,KARNATAKA,India,585401	10
171	BDR-DG-02	D8.1608.92/0800435	KSWAN Control room,Bidar DG2,,Bidar,KARNATAKA,India,585401	10
172	DWR-DG-01	D8.1608.92/0800470	KSWAN Control room,Dharwad DG - 1,Dharwad,Dharwad,KARNATAKA,India,580001	10
173	KLR-DG-01	D8.1608.92/0800557	KSWAN Control room,Room No FF-20, KSWAN Office, O/o Deputy Commissioner, District Administrative Building, Kumbarahalli, Off, NH-75, KOLAR-563103	10
174	KLR-DG-02	D8.1608.92/0800547	KSWAN Control room,Room No FF-20, KSWAN Office, O/o Deputy Commissioner, District Administrative Building, Kumbarahalli, Off, NH-75, KOLAR-563103	10
175	GVT-DG-01	D2.1611.91/0800245	KSWAN Control room,Gangavathi Taluka ofc, Koppal, Karnataka	15
176	GBD-DG-01	D2.1612.92/0900055	KSWAN Control room,GUDIBANDE,Chikkaballapur,KARNATAKA,India,561208	15
177	KDR-DG-01	D2.1611.91/0800161	KSWAN Control room,Kadur , Chikkamagalore,DG1, Karnataka	15
178	TRK-DG-01	D2.1611.91/0800200	KSWAN Control room,Tharikere, Chikkamagalore,KARNATAKA,India,571440	15
179	TKR-DG-01	D8.1608.92-0800466	KSWAN Control room, DC Office, DG1,Tumkur,KARNATAKA,India,573201	10
180	TKR-DG-02	D8.1708.92.0800465	KSWAN Control room, DC Office, DG2,Tumkur,KARNATAKA,India,573201	10
181	BGL-DG-02	D8.1608.92/0800902	KSWAN Control room,Bagalkote DG2, KARNATAKA,India,587102	10
182	BJP-DG-01	D8.1608.92/0800485	KSWAN Control room, Bijapura DG1, Bijapur,KARNATAKA,India,586101	10
183	BJP-DG-02	D8.1608.92/0800486	KSWAN Control room, Bijapura DG2, Bijapur,KARNATAKA,India,586101	10
184	GDG-DG-01	D8.1608.92/0800449	KSWAN Control room,GADAG DG1, DC OFFICE,,Gadag,KARNATAKA,India,582101	10
185	RCH-DG-01	D8.1608.92/0800445	KSWAN Control room,Taluk Office,Raichur DG -	10

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			1,Lingsugur,Raichur,KARNATAKA,India,584101	
186	RCH-DG-02	D8.1608.92/0800450	KSWAN Control room,Taluk office,,Raichur DG - 2,Lingsugur,Raichur,KARNATAKA,India,584101	10
187	KPL-DG-02	D8.1608.92/0800469	KSWAN Control room,Koppal DCR DG 2,Koppal,KARNATAKA,India,583231	10
188	KPL-DG-01	D8.1608.92/0800468	KSWAN Control room,Koppal DCR DG 1,,Koppal,KARNATAKA,India,583231	10
189	HVR-DG-01	D8.1608.92/0800550	KSWAN Control room,DC OFFICE HAVERI 1,Haveri,KARNATAKA,India,581101	10
190	HVR-DG-02	D8.1608.92/0800549	KSWAN Control room,DC OFFICE HAVERI 2,Haveri,KARNATAKA,India,581102	10
191	RNG-DG-01	D8.1608.92/0800553	KSWAN Control room,Ramanagaram DCR DG 1,Bangalore,KARNATAKA,India,562159	10
192	RNG-DG-02	D8.1608.92/0800560	KSWAN Control room,Ramanagaram DCR DG 2,Bangalore,KARNATAKA,India,562159	10
193	BLG-DG-01	D2.1611.91/0800231	KSWAN Control room,Bilagi,Bagalkot,KARNATAKA,India,587116	15
194	BGL-DG-01	D8.1608.92/0800443	KKSWAN Control room,SWAN, Bagalkote DG1,Bagalkot,KARNATAKA,India,587102	10
195	GBG-DG-01	D8.1608.92/0800438	KSWAN Control room,, Gulbarga DG1, Gulbarga, Karnataka , India	10
196	SCR-DG-01	5H.3003.../0800474	KSWAN Control room, SCR, Vikasoudha, Ambedkar vedhi, Bangalore, Karnataka-560001	50
197	MDG-DG-01	D2.1611.91/0800236	KSWAN Control room,Mudigere taluka office, Chikkamagalore, Karnataka	15
198	HHG-DG-01	D2.1611.91/0800183	KSWAN Control room, Huvinahadagali,Bellary,KARNATAKA,India,583219	15
199	GPT-DG-01	D2.1611.91/0800232	KSWAN Control room,TALUK OFFCE,GUNDLUPETE,Chamrajnagar,KARNATAKA,India,571111	15
200	BTK-DG-01	D2.1611.91/0800130	KSWAN Control room,Bhatkal,Uttara Kannada,KARNATAKA,India,581308	15
201	MDR-DG-01	D2.1611.91/0800247	KSWAN Control room,MADDURU,MANDYA,Mandya,KARNATAKA,India,571428	15

**Annexure 2 – Conventional & Solar UPS**

<b>KSWAN - Conventional UPS</b>					
	<b>POP Name</b>	<b>Make</b>	<b>Rating</b>		<b>Present AMC</b>

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<b>Sl. No.</b>				<b>UPS SL Number</b>	<b>AMC Start</b>	<b>AMC End</b>
1	BELGAUM DCR	Numeric	6 KVA	II 121106307	01-Aug-17	31-Jul-22
2	ATHANI	Numeric	6 KVA	II 121106308	01-Aug-17	31-Jul-22
3	BYLAHONGAL	Numeric	6 KVA	II 121106309	01-Aug-17	31-Jul-22
4	CHIKKODI	Numeric	6 KVA	II 121106317	01-Aug-17	31-Jul-22
5	GOKAK	Numeric	6 KVA	II 121106318	01-Aug-17	31-Jul-22
6	HUKKERI	Numeric	6 KVA	II 121106319	01-Aug-17	31-Jul-22
7	KHANAPUR	Numeric	6 KVA	II 121106320	01-Aug-17	31-Jul-22
8	RAIBHAGH	Numeric	6 KVA	II 121106291	01-Aug-17	31-Jul-22
9	RAMDURG	Numeric	6 KVA	II 121106379	01-Aug-17	31-Jul-22
10	SAUDATTI	Numeric	6 KVA	II 121106380	01-Aug-17	31-Jul-22
11	BIJAPUR DCR	Numeric	6 KVA	II 121106381	01-Aug-17	31-Jul-22
12	B.BAGEWADI	Numeric	6 KVA	II 121106382	01-Aug-17	31-Jul-22
13	MUDDEBIHAL	Numeric	6 KVA	II 121106383	01-Aug-17	31-Jul-22
14	DHARWAD DCR	Numeric	6 KVA	P165204	01-Aug-17	31-Jul-22
15	HUBLI	Numeric	6 KVA	II 121106398	01-Aug-17	31-Jul-22
16	KALAGHATTIGI	Numeric	6 KVA	II 121106343	01-Aug-17	31-Jul-22
17	KUNDAGOL	Numeric	6 KVA	II 121106344	01-Aug-17	31-Jul-22
18	NAVALGUND	Numeric	6 KVA	II 121106345	01-Aug-17	31-Jul-22
19	GADAG DCR	Numeric	6 KVA	II 121106346	01-Aug-17	31-Jul-22
20	MUNDARGI	Numeric	6 KVA	II 121106347	01-Aug-17	31-Jul-22
21	RONA	Numeric	6 KVA	II 121106348	01-Aug-17	31-Jul-22
22	SHIRAHATTI	Numeric	6 KVA	II 121106349	01-Aug-17	31-Jul-22
23	BAGALKOTE DCR	Numeric	6 KVA	II121106350	01-Aug-17	31-Jul-22

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24	BILAGI	Numeric	6 KVA	II 121106351	01-Aug- 17	31-Jul- 22
25	HUNAGUND	Numeric	6 KVA	II 121106352	01-Aug- 17	31-Jul- 22
26	HAVERI DCR	Numeric	6 KVA	P1605210	01-Aug- 17	31-Jul- 22
27	BYADAGI	Numeric	6 KVA	II12110635 3	01-Aug- 17	31-Jul- 22
28	HANGAL	Numeric	6 KVA	II1211063 55	01-Aug- 17	31-Jul- 22
29	HIREKERUR	Numeric	6 KVA	II12110635 4	01-Aug- 17	31-Jul- 22
30	RANNEBENNUR	Numeric	6 KVA	II1211063 99	01-Aug- 17	31-Jul- 22
31	SAVANUR	Numeric	6 KVA	II1211064 00	01-Aug- 17	31-Jul- 22
32	SHIGGON	Numeric	6 KVA	II1211062 92	01-Aug- 17	31-Jul- 22
33	KARWAR DCR	Numeric	6 KVA	II 121106401	01-Aug- 17	31-Jul- 22
34	BHATKAL	Numeric	6 KVA	II 121106537	01-Aug- 17	31-Jul- 22
35	HALIYAL	Numeric	6 KVA	II 121106415	01-Aug- 17	31-Jul- 22
36	HONNAVAR	Numeric	6 KVA	II 121106410	01-Aug- 17	31-Jul- 22
37	JOIDA	Numeric	6 KVA	II 121106416	01-Aug- 17	31-Jul- 22
38	KUMTA	Numeric	6 KVA	II 121106293	01-Aug- 17	31-Jul- 22
39	MUNDAGOD	Numeric	6 KVA	II 121106414	01-Aug- 17	31-Jul- 22
40	SIDDAPUR	Numeric	6 KVA	II 121106412	01-Aug- 17	31-Jul- 22
41	SIRSI	Numeric	6 KVA	II 121106411	01-Aug- 17	31-Jul- 22
42	YELLAPUR	Numeric	6 KVA	II 121106413	01-Aug- 17	31-Jul- 22
43	KOPPAL DCR	Numeric	6 KVA	II 121106417	01-Aug- 17	31-Jul- 22
44	GANGAWATHI	Numeric	6 KVA	II1211064 18	01-Aug- 17	31-Jul- 22
45	KUSHTAGI	Numeric	6 KVA	II 121106419	01-Aug- 17	31-Jul- 22
46	YELBURGA	Numeric	6 KVA	II1211064 20	01-Aug- 17	31-Jul- 22
47	BELLARY DCR	Numeric	6 KVA	II1211062 90	01-Aug- 17	31-Jul- 22

RFP for Selection of System Integrator for KSWAN Operation & Maintenance

48	H.B.HALLI	Numeric	6 KVA	II1211062 94	01-Aug- 17	31-Jul- 22
49	H.HADAGALI	Numeric	6 KVA	II1211064 21	01-Aug- 17	31-Jul- 22
50	HOSPET	Numeric	6 KVA	II1211064 22	01-Aug- 17	31-Jul- 22
51	KUDLIGI	Numeric	6 KVA	II1211064 23	01-Aug- 17	31-Jul- 22
52	SANDUR	Numeric	6 KVA	II1211064 24	01-Aug- 17	31-Jul- 22
53	SIRUGUPPA	Numeric	6 KVA	II1211064 25	01-Aug- 17	31-Jul- 22
54	RAICHUR DCR	Numeric	6 KVA	II1211064 26	01-Aug- 17	31-Jul- 22
55	DEVADURGA	Numeric	6 KVA	II1211063 04	01-Aug- 17	31-Jul- 22
56	LINGASUR	Numeric	6 KVA	II1211064 27	01-Aug- 17	31-Jul- 22
57	MANVI	Numeric	6 KVA	II1211063 05	01-Aug- 17	31-Jul- 22
58	SINDANOOR	Numeric	6 KVA	II1211064 28	01-Aug- 17	31-Jul- 22
59	BIDAR DCR	Numeric	6 KVA	II1211064 29	01-Aug- 17	31-Jul- 22
60	AURAD	Numeric	6 KVA	II1211064 30	01-Aug- 17	31-Jul- 22
61	BASAVAKALYAN	Numeric	6 KVA	II1211063 06	01-Aug- 17	31-Jul- 22
62	BHALKI	Numeric	6 KVA	II1211064 31	01-Aug- 17	31-Jul- 22
63	HUMNABAD	Numeric	6 KVA	II1211062 88	01-Aug- 17	31-Jul- 22
64	GULBARGA DCR	Numeric	6 KVA	1507246	01-Aug- 17	31-Jul- 22
65	ALAND	Numeric	6 KVA	II 121106433	01-Aug- 17	31-Jul- 22
66	CHINCHOLI	Numeric	6 KVA	II 121106434	01-Aug- 17	31-Jul- 22
67	CHITTAPUR	Numeric	6 KVA	II 121106435	01-Aug- 17	31-Jul- 22
68	JEVARGI	Numeric	6 KVA	II 121110643 6	01-Aug- 17	31-Jul- 22
69	SEDAM	Numeric	6 KVA	II 121106440	01-Aug- 17	31-Jul- 22
70	SHAHAPUR	Numeric	6 KVA	II1211062 87	01-Aug- 17	31-Jul- 22



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71	YADGIRI DCR	Numeric	6 KVA	II 121106357	01-Aug-17	31-Jul-22
72	CHAMARAJNAGAR DCR	Numeric	6 KVA	II121106441	01-Aug-17	31-Jul-22
73	GUNDLUPET	Numeric	6 KVA	II121106283	01-Aug-17	31-Jul-22
74	KOLLEGAL	Numeric	6 KVA	II121106442	01-Aug-17	31-Jul-22
75	YALANDUR	Numeric	6 KVA	II121106443	01-Aug-17	31-Jul-22
76	MYSORE DCR	Numeric	6 KVA	II121106446	01-Aug-17	31-Jul-22
77	HUNSUR	Numeric	6 KVA	II121106295	01-Aug-17	31-Jul-22
78	K.R NAGAR	Numeric	6 KVA	II121106445	01-Aug-17	31-Jul-22
79	NANJANGUD	Numeric	6 KVA	II121106444	01-Aug-17	31-Jul-22
80	PERIYAPATNA	Numeric	6 KVA	II121106447	01-Aug-17	31-Jul-22
81	T.NARASIPURA	Numeric	6 KVA	II121106289	01-Aug-17	31-Jul-22
82	MANDYA DCR	Numeric	6 KVA	II130706297	01-Aug-17	31-Jul-22
83	K.R.PETE	Numeric	6 KVA	II121106450	01-Aug-17	31-Jul-22
84	MADDUR	Numeric	6 KVA	II121106472	01-Aug-17	31-Jul-22
85	NAGAMANGALA	Numeric	6 KVA	II121106448	01-Aug-17	31-Jul-22
86	PANDAVAPURA	Numeric	6 KVA	II121106473	01-Aug-17	31-Jul-22
87	SRIRANGAPATNA	Numeric	6 KVA	II121106474	01-Aug-17	31-Jul-22
88	HASSAN DCR	Power One	3 KVA	II121106475	01-Aug-17	31-Jul-22
89	ALUR	Numeric	6 KVA	II121106476	01-Aug-17	31-Jul-22
90	ARKALGUD	Numeric	6 KVA	II121106477	01-Aug-17	31-Jul-22
91	BELUR	Numeric	6 KVA	II121106478	01-Aug-17	31-Jul-22
92	CHANNARAYAPATNA	Numeric	6 KVA	II121106479	01-Aug-17	31-Jul-22
93	HOLENARASIPURA	Numeric	3 KVA	II121106480	01-Aug-17	31-Jul-22
94	KODAGU DCR	Numeric	6 KVA	P1605205	01-Aug-17	31-Jul-22

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95	SOWMARPET	Power One	6 KVA	II1211064 93	01-Aug- 17	31-Jul- 22
96	VIRAJPET	Power One	6 KVA	II1211064 94	01-Aug- 17	31-Jul- 22
97	MANGALORE DCR	Power One	6 KVA	II1211064 95	01-Aug- 17	31-Jul- 22
98	BANTWAL	Power One	6 KVA	II1211064 96	01-Aug- 17	31-Jul- 22
99	BELTHANGADI	Numeric	6 KVA	II1211064 97	01-Aug- 17	31-Jul- 22
100	PUTTUR	Numeric	6 KVA	II1211062 85	01-Aug- 17	31-Jul- 22
101	SULYA	Power One	6 KVA	II1211064 98	01-Aug- 17	31-Jul- 22
102	UDUPI DCR	Power One	6 kva	II1211064 99	01-Aug- 17	31-Jul- 22
103	KARKALA	Power One	6 KVA	II1211065 00	01-Aug- 17	31-Jul- 22
104	KUNDAPURA	Power One	6 KVA	II1211065 01	01-Aug- 17	31-Jul- 22
105	CHIKMANGALUR DCR	Power One	6 KVA	II1211065 02	01-Aug- 17	31-Jul- 22
106	KADUR	Numeric	6 KVA	II1211065 03	01-Aug- 17	31-Jul- 22
107	KOPPA	Numeric	6 KVA	II1211062 86	01-Aug- 17	31-Jul- 22
108	MUDIGERE	Numeric	6 KVA	II1211065 04	01-Aug- 17	31-Jul- 22
109	NARSIMHRAJPURA	Power One	6 KVA	II1211065 05	01-Aug- 17	31-Jul- 22
110	SRINGERI	Power One	3 KVA	II1211065 06	01-Aug- 17	31-Jul- 22
111	TARIKERE	Numeric	6 KVA	II1211065 07	01-Aug- 17	31-Jul- 22
112	CHICKABALLAPUR A DCR	Numeric	6 KVA	P1605209	01-Aug- 17	31-Jul- 22
113	BAGEPALLI	Numeric	6 KVA	II1211062 97	01-Aug- 17	31-Jul- 22
114	CHINTAMANI	Numeric	6 KVA	II1211062 98	01-Aug- 17	31-Jul- 22
115	GAURIBIDANUR	Numeric	6 KVA	II1211062 99	01-Aug- 17	31-Jul- 22
116	GUDIBANDE	Numeric	6 KVA	II1211063 00	01-Aug- 17	31-Jul- 22
117	SIDLAGHATTA	Numeric	6 KVA	II 121106301	01-Aug- 17	31-Jul- 22
118	KOLAR DCR	Numeric	6 KVA	II1211065 08	01-Aug- 17	31-Jul- 22

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119	BANGARPET	Numeric	6 KVA	II1211065 38	01-Aug- 17	31-Jul- 22
120	MALUR	Numeric	6 KVA	II1211065 39	01-Aug- 17	31-Jul- 22
121	MULBAGILU	Numeric	6 KVA	II1211065 40	01-Aug- 17	31-Jul- 22
122	SRINIVASAPURA	Numeric	6 KVA	II1211065 41	01-Aug- 17	31-Jul- 22
123	NELAMANGALA	Numeric	6 KVA	II1211062 84	01-Aug- 17	31-Jul- 22
124	ANEKAL	Numeric	6 KVA	II1211065 42	01-Aug- 17	31-Jul- 22
125	K.R.PURAM	Numeric	6 KVA	II1211065 43	01-Aug- 17	31-Jul- 22
126	YELAHANKA				01-Aug- 17	31-Jul- 22
127	RAMANAGAR DCR	Numeric	6 KVA	P1602160	01-Aug- 17	31-Jul- 22
128	CHANNAPATNA	Numeric	6 KVA	II1211065 64	01-Aug- 17	31-Jul- 22
129	MAGADI	Numeric	6 KVA	II1211065 47	01-Aug- 17	31-Jul- 22
130	DAVANGERE DCR	Numeric	6 KVA	II1211065 48	01-Aug- 17	31-Jul- 22
131	CHANNAAGERI	Numeric	6 KVA	II1211065 49	01-Aug- 17	31-Jul- 22
132	HARAPANAHALLI	Numeric	6 KVA	II1211065 50	01-Aug- 17	31-Jul- 22
133	HARIHARA	Numeric	6 KVA	II1211065 51	01-Aug- 17	31-Jul- 22
134	HONNALI	Numeric	6 KVA	II1211065 52	01-Aug- 17	31-Jul- 22
135	JAGALORE	Numeric	6 KVA	II1211065 53	01-Aug- 17	31-Jul- 22
136	SHIMOGA DCR	Numeric	6 KVA	II1211065 44	01-Aug- 17	31-Jul- 22
137	BHADRAVATHI	Numeric	6 KVA	II1211065 55	01-Aug- 17	31-Jul- 22
138	HOSANAGARA	Numeric	6 KVA	II1211065 56	01-Aug- 17	31-Jul- 22
139	SAGAR	Numeric	6 KVA	II1211065 57	01-Aug- 17	31-Jul- 22
140	SHIKARIPURA	Numeric	6 KVA	II1211065 58	01-Aug- 17	31-Jul- 22
141	SORABHA	Numeric	6 KVA	II1211065 59	01-Aug- 17	31-Jul- 22
142	THIRTHAHALLI	Numeric	6 KVA	II1211065 60	01-Aug- 17	31-Jul- 22

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143	CHITRADURGA DCR	Numeric	3 KVA	II1211065 61	01-Aug- 17	31-Jul- 22
144	CHALLAKERE	Numeric	6 KVA	II1211063 78	01-Aug- 17	31-Jul- 22
145	HIRIYUR	Numeric	6 KVA	II1211065 62	01-Aug- 17	31-Jul- 22
146	HOLALKERE	Numeric	3 KVA	II1211065 65	01-Aug- 17	31-Jul- 22
147	HOSADURGA	Numeric	6 KVA	II1211065 66	01-Aug- 17	31-Jul- 22
148	MOLAKALMUR	Numeric	3 KVA	II1211065 67	01-Aug- 17	31-Jul- 22
149	TUMKUR DCR	Numeric	6 KVA	II1211065 68	01-Aug- 17	31-Jul- 22
150	CHIKKANAYAKANA HALLI	Numeric	2 x 3 KVA	II1211065 73	01-Aug- 17	31-Jul- 22
151	GUBBI	Numeric	6 KVA	II1211065 74	01-Aug- 17	31-Jul- 22
152	KORATAGERE	Numeric	6 KVA	II1211065 75	01-Aug- 17	31-Jul- 22
153	KUNIGAL	Numeric	3 KVA	II1211065 76	01-Aug- 17	31-Jul- 22
154	MADHUGIRI	Numeric	6 KVA	II1211065 77	01-Aug- 17	31-Jul- 22
155	PAVAGADA	Numeric	6 KVA	II1211064 51	01-Aug- 17	31-Jul- 22
156	SIRA	Numeric	6 KVA	II1211065 78	01-Aug- 17	31-Jul- 22
157	TIPTUR	Numeric	6 KVA	II1211065 79	01-Aug- 17	31-Jul- 22
158	DEVANALLI	Numeric	6 KVA	II1211063 02	01-Aug- 17	31-Jul- 22
159	ARSIKERE	Power One	6 KVA	201203050 35	01-Aug- 17	31-Jul- 22
160	AFZALPUR	Power One	6 KVA	201203050 28	01-Aug- 17	31-Jul- 22
161	ANKOLA	Power One	6 KVA	201205004 30	01-Aug- 17	31-Jul- 22
162	BADAMI	Power One	6 KVA	201203050 24	01-Aug- 17	31-Jul- 22
163	DODDABALLAPUR	Power One	6 KVA	201203038 09	01-Aug- 17	31-Jul- 22
164	HOSKOTE	Power One	6 KVA	201203050 36	01-Aug- 17	31-Jul- 22
165	HDKOTE	Power One	6 KVA	201203050 33	01-Aug- 17	31-Jul- 22
166	INDI	Power One	6 KVA	201203050 29	01-Aug- 17	31-Jul- 22

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167	JAMKANDI	Power One	6 KVA	20120305030	01-Aug-17	31-Jul-22
168	KANKAPUR	Power One	6 KVA	20120305031	01-Aug-17	31-Jul-22
169	MUDDOL	Power One	6 KVA	20120305025	01-Aug-17	31-Jul-22
170	MALAVALLI	Power One	6 KVA	20120305032	01-Aug-17	31-Jul-22
171	NARAGUND	Power One	6 KVA	2012050431	01-Aug-17	31-Jul-22
172	SAKALESH PURA	Power One	6 KVA	20120305026	01-Aug-17	31-Jul-22
173	SINDAGI	Power One	6 KVA	20110801077	01-Aug-17	31-Jul-22
174	SHORAPUR	Power One	6 KVA	20120500429	01-Aug-17	31-Jul-22
175	TURVEKERE	Power One	6 KVA	20120305034	01-Aug-17	31-Jul-22
176	SCR-Vikasa soudha	Emerson	30 KVA	iTrust-33-1	01-Aug-17	31-Jul-22
177	SCR-Vikasa soudha	Emerson	30 KVA	iTrust-33-2	01-Aug-17	31-Jul-22

KSWAN - SOLAR UPS						
SL	POP Name	Make	Rating	UPS Serial No	Warranty start	Warranty end
1	HUNAGUNDA	TECHSER	5 KW	MY1710118	27-Nov-2017	26-Nov-2022
2	BADAMI	TECHSER	5 KW	MY1710120	28-Nov-2017	27-Nov-2022
3	BILGI	TECHSER	5 KW	MY1710122	9-Nov-2017	8-Nov-2022
4	MUDHOL	TECHSER	5 KW	MY1710095	13-Nov-2017	12-Nov-2022
5	JAMAKHANDI	TECHSER	5 KW	MY1710173	28-Nov-2017	27-Nov-2022
6	DEVANAHALLI	TECHSER	5 KW	MY1710151	16-Nov-2017	15-Nov-2022
7	DODDABALLAPURA	TECHSER	5 KW	MY1710124	17-Nov-2017	16-Nov-2022
8	HOSAKOTE	TECHSER	5 KW	MY1710166	17-Nov-2017	16-Nov-2022

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9	NELAMANGALA	TECHSER	5 KW	MY1710167	30-Nov-2017	29-Nov-2022
10	YELAHANKA	TECHSER	5 KW	MY1710131	16-Nov-2017	15-Nov-2022
11	ANEKAL	TECHSER	5 KW	MY1710181	15-Nov-2017	14-Nov-2022
12	BELAGAVI - DRC	TECHSER	5 KW	MY1710114	28-Nov-2017	27-Nov-2022
13	ATHANI	TECHSER	5 KW	MY1710110	10-Nov-2017	9-Nov-2022
14	KHANAPUR	TECHSER	5 KW	MY1710094	7-Nov-2017	6-Nov-2022
15	BAILAHONGAL	TECHSER	5 KW	MY1710096	8-Nov-2017	7-Nov-2022
16	RAMADURGA	TECHSER	5 KW	MY1710102	10-Nov-2017	9-Nov-2022
17	SAVADATTI	TECHSER	5 KW	MY1710097	5-Nov-2017	4-Nov-2022
18	GOKAK	TECHSER	5 KW	MY1710098	9-Nov-2017	8-Nov-2022
19	HUKKERI	TECHSER	5 KW	MY1710119	6-Nov-2017	5-Nov-2022
20	CHIKKODI	TECHSER	5 KW	MY1710107	9-Nov-2017	8-Nov-2022
21	RAIBAG	TECHSER	5 KW	MY1710157	11-Nov-2017	10-Nov-2022
22	BALLARI	TECHSER	5 KW	MY1710154	21-Nov-2017	20-Nov-2022
23	HOSAPETE	TECHSER	5 KW	MY1710156	21-Nov-2017	20-Nov-2022
24	SANDURU	TECHSER	5 KW	MY1710142	22-Nov-2017	21-Nov-2022
25	HAGARIBOMMANAHALLI	TECHSER	5 KW	MY1710158	20-Nov-2017	19-Nov-2022
26	BASAVAKALYAN	TECHSER	5 KW	MY1710126	27-Nov-2017	26-Nov-2022
27	HUMNABAD	TECHSER	5 KW	MY1710108	27-Nov-2017	26-Nov-2022
28	BIDAR	TECHSER	5 KW	MY1710099	22-Nov-2017	21-Nov-2022
29	BHALKI	TECHSER	5 KW	MY1710128	27-Nov-2017	26-Nov-2022
30	AURAD	TECHSER	5 KW	MY1710129	28-Nov-2017	27-Nov-2022
31	SINDAGI	TECHSER	5 KW	MY1710105	25-Nov-2017	24-Nov-2022
32	VIJAYAPURA - DRC	TECHSER	5 KW	MY1710103	23-Nov-2017	22-Nov-2022

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33	BASAVANA BAGEWADI	TECHSER	5 KW	MY1710112	13-Nov-2017	12-Nov-2022
34	CHAMARAJANAGARA-DRC	TECHSER	5 KW	MY1711018	16-Nov-2017	15-Nov-2022
35	GUNDLUPETE	TECHSER	5 KW	MY1710109	17-Nov-2017	16-Nov-2022
36	KOLLEGALA	TECHSER	5 KW	MY1710104	18-Nov-2017	17-Nov-2022
37	YALANDUR	TECHSER	5 KW	MY1711020	16-Nov-2017	15-Nov-2022
38	CHIKKABALLAPURA-DRC	TECHSER	5 KW	MY1710160	20-Nov-2017	19-Nov-2022
39	BAGEPALLI	TECHSER	5 KW	MY1710164	15-Nov-2017	14-Nov-2022
40	CHINTHAMANI	TECHSER	5 KW	MY1710116	18-Nov-2017	17-Nov-2022
41	GOWRIBIDANUR	TECHSER	5 KW	MY1710162	17-Nov-2017	16-Nov-2022
42	GUDIBANDE	TECHSER	5 KW	MY1710132	13-Nov-2017	12-Nov-2022
43	SIDALGHATTA	TECHSER	5 KW	MY1710161	16-Nov-2017	15-Nov-2022
44	HIRIYUR	TECHSER	5 KW	MY1711078	29-Nov-2017	28-Nov-2022
45	JAGALUR	TECHSER	5 KW	MY1711059	1-Dec-2017	30-Nov-2022
46	MOLAKALMURU	TECHSER	5 KW	MY1711085	1-Dec-2017	30-Nov-2022
47	CHALLAKERE	TECHSER	5 KW	MY1711071	30-Nov-2017	29-Nov-2022
48	CHITRADURGA - DRC	TECHSER	5 KW	MY1711046	23-Nov-2017	22-Nov-2022
49	HOLALKERE	TECHSER	5 KW	MY1711051	21-Nov-2018	20-Nov-2023
50	DAVANAGERE - DRC	TECHSER	5 KW	MY1711064	30-Nov-2017	29-Nov-2022
51	CHANNAGIRI	TECHSER	5 KW	MY1711088	1-Dec-2017	30-Nov-2022
52	HARAPANAHALLI	TECHSER	5 KW	MY1711068	30-Nov-2017	29-Nov-2022
53	HUBLI	TECHSER	5 KW	MY1710153	24-Nov-2017	23-Nov-2022
54	NAVALAGUND	TECHSER	5 KW	MY1710093	25-Nov-2017	24-Nov-2022
55	DHARAWAD - DRC	TECHSER	5 KW	MY1710174	25-Nov-2017	24-Nov-2022
56	SHIRAHATTI	TECHSER	5 KW	My1710179	22-Nov-2017	21-Nov-2022

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57	NARAGUND	TECHSER	5 KW	MY1710178	23-Nov-2017	22-Nov-2022
58	HASSAN	TECHSER	5 KW	MY1711048	18-Nov-2017	17-Nov-2022
59	ARKALAGODU	TECHSER	5 KW	MY1711049	25-Nov-2017	24-Nov-2022
60	BELUR	TECHSER	5 KW	MY1711028	25-Nov-2017	24-Nov-2022
61	SAKALESHAPURA	TECHSER	5 KW	MY1711031	22-Nov-2017	21-Nov-2022
62	HOLENARISIPURA	TECHSER	5 KW	MY1711039	19-Nov-2017	18-Nov-2022
63	ARASIKERE	TECHSER	5 KW	MY1711047	18-Nov-2017	17-Nov-2022
64	CHANNARAYAPATTANA	TECHSER	5 KW	MY1711037	18-Nov-2017	17-Nov-2022
65	JEVARGI	TECHSER	5 KW	MY1710149	25-Nov-2017	24-Nov-2022
66	CHINCHOLI	TECHSER	5 KW	MY1710172	12-Nov-2017	11-Nov-2022
67	CHITTAPUR	TECHSER	5 KW	MY1710130	28-Nov-2017	27-Nov-2022
68	KALABURGI	TECHSER	5 KW	MY1710111	1-Dec-2017	30-Nov-2022
69	SHAHAPUR	TECHSER	5 KW	MY1710125	29-Nov-2017	28-Nov-2022
70	SHORAPUR / SURPUR	TECHSER	5 KW	MY1710121	30-Nov-2017	29-Nov-2022
71	AFZALPUR	TECHSER	5 KW	MY1710175	24-Nov-2017	23-Nov-2022
72	ALAND	TECHSER	5 KW	MY1710117	24-Nov-2017	23-Nov-2022
73	BYADAGI	TECHSER	5 KW	MY1710148	25-Nov-2017	24-Nov-2022
74	HANGAL	TECHSER	5 KW	MY1710145	24-Nov-2017	23-Nov-2022
75	SAVANUR	TECHSER	5 KW	MY1710115	24-Nov-2017	23-Nov-2022
76	HAVERI	TECHSER	5 KW	MY1710146	21-Nov-2017	20-Nov-2022
77	HIREKERUR	TECHSER	5 KW	MY1710147	23-Nov-2017	22-Nov-2022
78	RANEBENNUR	TECHSER	5 KW	MY1710127	23-Nov-2017	22-Nov-2022
79	SIRSI	TECHSER	5 KW	MY1711058	29-Nov-2017	28-Nov-2022
80	YALLAPURA	TECHSER	5 KW	MY1711054	30-Nov-2017	29-Nov-2022



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81	HALIYALA	TECHSER	5 KW	MY1711052	1-Dec-2017	30-Nov-2022
82	KARWAR	TECHSER	5 KW	MY1711050	1-Dec-2017	30-Nov-2022
83	KUMTA	TECHSER	5 KW	MY1711062	2-Dec-2017	1-Dec-2022
84	ANKOLA	TECHSER	5 KW	MY1711061	30-Nov-2017	29-Nov-2022
85	SOMAWARPET	TECHSER	5 KW	MY1711026	20-Nov-2017	19-Nov-2022
86	SRINIVASAPURA	TECHSER	5 KW	MY1710144	17-Nov-2017	16-Nov-2022
87	KOPPAL	TECHSER	5 KW	MY1710100	24-Nov-2017	23-Nov-2022
88	GANGAVATHI	TECHSER	5 KW	MY1710171	2-Dec-2017	1-Dec-2022
89	KUSHTAGI	TECHSER	5 KW	MY1710106	24-Nov-2017	23-Nov-2022
90	MANDYA-DRC	TECHSER	5 KW	MY1710180	16-Nov-2017	15-Nov-2022
91	MADDUR	TECHSER	5 KW	MY1711003	20-Nov-2017	19-Nov-2022
92	NAGAMANGALA	TECHSER	5 KW	MY1710165	22-Nov-2017	21-Nov-2022
93	PANDAVAPURA	TECHSER	5 KW	MY1711013	18-Nov-2017	17-Nov-2022
94	SRIRANGAPATTANA	TECHSER	5 KW	MY1711004	21-Nov-2017	20-Nov-2022
95	MALAVALLI	TECHSER	5 KW	MY1711019	19-Nov-2017	18-Nov-2022
96	GADAG	TECHSER	5 KW	MY1711056	2-Dec-2017	1-Dec-2022
97	KARKALA	TECHSER	5 KW	MY1710176	24-Nov-2017	23-Nov-2022
98	UDUPI	TECHSER	5 KW	MY1711036	25-Nov-2017	24-Nov-2022
99	Kodagu	TECHSER	5 KW	MY1711040	10-Nov-2017	9-Nov-2022
100	HUNSUR	TECHSER	5 KW	MY1711024	17-Nov-2017	16-Nov-2022
101	PIRIYAPATTANA	TECHSER	5 KW	MY1711027	17-Nov-2017	16-Nov-2022
102	DEVADURGA	TECHSER	5 KW	MY1710169	20-Nov-2017	19-Nov-2022
103	RAICHUR	TECHSER	5 KW	MY1710170	21-Nov-2017	20-Nov-2022
104	SHIGGAON	TECHSER	5 KW	MY1711070	29-Nov-2017	28-Nov-2022

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105	CHANNAPATTANA	TECHSER	5 KW	MY1710159	14-Nov-2017	13-Nov-2022
106	MAGADI	TECHSER	5 KW	MY1710177	12-Nov-2017	11-Nov-2022
107	TARIKERE	TECHSER	5 KW	MY1711035	28-Nov-2017	27-Nov-2022
108	MUDIGERE	TECHSER	5 KW	MY1711033	27-Nov-2017	26-Nov-2022
109	KADUR	TECHSER	5 KW	MY1711029	20-Nov-2017	19-Nov-2022
110	CHIKKAMAGALURU	TECHSER	5 KW	MY1711038	21-Nov-2017	20-Nov-2022
111	HONNALI	TECHSER	5 KW	MY1711066	30-Nov-2017	29-Nov-2022
112	TUMAKURU-DRC	TECHSER	5 KW	MY1710143	22-Nov-2017	21-Nov-2022
113	CHIKKANAYAKANAHALLI	TECHSER	5 KW	MY1710113	10-Nov-2017	9-Nov-2022
114	GUBBI	TECHSER	5 KW	MY1710101	12-Nov-2017	11-Nov-2022
115	KORATAGERE	TECHSER	5 KW	MY1710152	15-Nov-2017	14-Nov-2022
116	MADHUGIRI	TECHSER	5 KW	MY1710155	14-Nov-2017	13-Nov-2022
117	PAVAGADA	TECHSER	5 KW	MY1710123	13-Nov-2017	12-Nov-2022
118	YELABURGA	TECHSER	5 KW	MY1711057	2-Dec-2017	1-Dec-2022
119	TIPTUR	TECHSER	5 KW	MY1710150	11-Nov-2017	10-Nov-2022
120	TURUVEKERE	TECHSER	5 KW	MY1710163	14-Nov-2017	13-Nov-2022
121	KUNIGAL	TECHSER	5 KW	MY1710168	14-Nov-2017	13-Nov-2022
122	Siruguppa	TECHSER	5 KW	MY1801016	26-Mar-2018	25-Mar-2023
123	Sorabha	TECHSER	5 KW	MY1801020	26-Mar-2018	25-Mar-2023
124	Kundapura	TECHSER	5 KW	MY1712014	27-Mar-2018	26-Mar-2023
125	Ramanagara	TECHSER	5 KW	MY1801021	21-Mar-2018	20-Mar-2023
126	Manvi	TECHSER	5 KW	MY1809090	29-Oct-2018	28-Oct-2023
127	Bhadravathi	TECHSER	5 KW	MY1809091	30-Oct-2018	29-Oct-2023
128	Bagalkote	TECHSER	5 KW	MY1809089	29-Oct-2018	28-Oct-2023

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129	Muddebihal	TECHSER	5 KW	MY1809095	27-Oct-2018	26-Oct-2023
130	Kundgol	TECHSER	5 KW	MY1809096	27-Oct-2018	26-Oct-2023
131	Bangalore Rural DC office	TECHSER	5 KW	MY1902085	25-Feb-2019	24-Feb-2024
132	Kolar	TECHSER	5 KW	MY1902082	25-Feb-2019	24-Feb-2024
133	Belthangadi	TECHSER	5 KW	MY1903175	7-May-2019	6-May-2024
134	Indi	TECHSER	5 KW	MY1903171	6-May-2019	5-May-2024
135	Kalaghatagi	TECHSER	5 KW	MY1903174	7-May-2019	6-May-2024
136	Kudligi	TECHSER	5 KW	MY1903173	3-May-2019	2-May-2024
137	Mundaragi	TECHSER	5 KW	MY1903170	1-May-2019	30-Apr-2024
138	Sedam	TECHSER	5 KW	MY1903172	7-May-2019	6-May-2024
139	Veerajapete	TECHSER	5 KW	MY1903176	6-May-2019	5-May-2024
140	Huvina hadgali	TECHSER	5 KW	MY2008152	23-Sep-2020	22-Sep-2025
141	Mundagod	TECHSER	5 KW	MY2008140	24-Sep-2020	23-Sep-2025
142	Bangarpete	TECHSER	5 KW	MY2008153	23-Sep-2020	22-Sep-2025
143	mulbagilu	TECHSER	5 KW	MY2008151	22-Sep-2020	21-Sep-2025
144	Rona	TECHSER	5 KW	MY2008145	21-Sep-2020	20-Sep-2025
145	Shimogga	TECHSER	5 KW	MY2008142	22-Sep-2020	21-Sep-2025
146	Sagara	TECHSER	5 KW	MY2008155	24-Sep-2020	23-Sep-2025
147	Nanjangudu	TECHSER	5 KW	MY2008143	19-Sep-2020	18-Sep-2025
148	Kanakapura	TECHSER	5 KW	MY2008149	20-Sep-2020	19-Sep-2025
149	K R puram	TECHSER	5 KW	MY2008154	18-Sep-2020	17-Sep-2025
150	K R Nagara	TECHSER	5 KW	MY2008144	21-Sep-2020	20-Sep-2025
151	Puttur	TECHSER	5 KW	MY2008139	19-Sep-2020	18-Sep-2025
152	Sulya	TECHSER	5 KW	MY2008141	19-Sep-2020	18-Sep-2025

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153	T Narasipura	TECHSER	5 KW	MY2008148	18-Sep-2020	17-Sep-2025
154	Thirthahalli	TECHSER	5 KW	MY2008147	10-Sep-2020	9-Sep-2025
155	Hosanagara	TECHSER	5 KW	MY2008150	29-Sep-2020	28-Sep-2025
156	Mangalore	TECHSER	5 KW	MY2008146	28-Sep-2020	27-Sep-2025

**Annexure 3 – Air Conditioner**

<b>KSWAN - Air Conditioner(Samsung)</b>				
<b>Sl. No.</b>	<b>POP Name</b>	<b>Complete Address with Pin Code</b>	<b>AC 1 Serial No</b>	<b>AC 2 Serial No</b>
1	Bagalkote	KSWAN Office,Room No.39,C/o DC Office premises Navanagar,Bagalkot-587103	03ZMPPCK400299 R	03ZMPPCK400331 E
2	Badami	KSWAN Office,Minividhan Soudha,Ramadurga Road,Badami-587201	03ZMPPCK400306 P	03ZMPPCK400337 F
3	Bilagi	KSWAN Office,Tahsildar Office,Infront of KEB Bilagi-587116	03ZMPPCK400322 V	03ZMPPCK400335 V
4	Hunagund	KSWAN Office,Tahsildar Office,Minividhan Soudha Ilkal Road Hunagund-587118	03ZMPPCK400333 Y	03ZMPPCK400551 X
5	Jamakhandi	KSWAN Office,Room No.10, Minividhan Soudha,Kudachi Road,Jamakhandi-587301	03ZMPPCK400319 P	03ZMPPCK400287 N
6	Mudhol	KSWAN Office,Old Tahsildar Office,Lokapura Road Mudhol-587313	03ZMPPCK400466 R	03ZMPPCK400292 J
7	Doddaballapur	KSWAN control room ,First floor ,Taluk office ,doddaballapura,Bangalore rural -561203	03ZMPPCK400236 A	03ZMPPCK400387 A
8	Devanhalli	KSWAN control room ,Second Floor ,Taluk office ,devanahalli,Bangalore rural -562110	03ZMPPCK400527 B	03ZMPPCK300516 H
9	Hoskote	KSWAN control room ,Ground F floor ,Taluk office ,Hoskote,Bangalore rural -562114	03ZMPPCK400480 E	03ZMPPCK400476 K

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10	Nelamangala	KSWAN control room ,Second Floor ,Taluk office ,Nelamangala,Bangalore rural -562123	03ZMPPCK400415 X	03ZMPPCK400246 J
11	Anekal	KSWAN Control room, Taluk Office, Anekal, Bangalore- 562106	03ZMPPCK400505 K	03ZMPPCK400377 N
12	K R Puram	KSWAN Control room, Taluk Office, K R Puram, Bangalore-560036	03ZMPPCK400533 Z	03ZMPPCK400519 A
13	Yehlanka	KSWAN Control room, Taluk Office, Yelahanka, Bangalore-560064	03ZMPPCK400456 Z	03ZMPPCK400461 H
14	Belgaum	KSWAN ,district control room,near channamma crcl, court compound ,old ZP building Belagavi 590001	03ZMPPCK400318 N	03ZMPPCK400397 X
15	Athani	KSWAN Control room, Taluk Office, Athani, Belgaum district- 591304	03ZMPPCK400471 V	03ZMPPCK400417 K
16	Bylahongal	KSWAN Control room, Taluk Office, Bylahongala, Belgaum district-591102	03ZMPPCK400293 F	03ZMPPCK400255 D
17	Chikkodi	KSWAN Control room, Taluk Office, Chikkodi, Belgaum district- 591201	03ZMPPCK400562 J	03ZMPPCK400300 A
18	Gokak	KSWAN Control room, Taluk Office, Gokak, Belgaum district- 591307	03ZMPPCK400295 A	03ZMPPCK400325 X
19	Hukkeri	KSWAN Control room, Taluk Office, N.Hukkeri, Belgaum district-591254	03ZMPPCK400284 L	03ZMPPCK400559 Z
20	Khanapur	KSWAN Control room, Taluk Office, Khanapur, Belgaum district- 591302	03ZMPPCK400197 J	03ZMPPCK400226 N
21	Raibhag	KSWAN Control room, Taluk Office, Raibhag, Belgaum district-591317	03ZMPPCK400310 J	03ZMPPCK400314 K
22	Ramadurg	KSWAN Control room, Taluk Office, Ramdurga, Belgaum district- 591123	03ZMPPCK400280 F	03ZMPPCK400311 F
23	Soudatti	KSWAN Control room, Taluk Office, Savadatti, Belgaum district-591126	03ZMPPCK400290 B	03ZMPPCK400327 K
24	Bellary	Kswan Control Room, D C office, opp Railway Station, Ballari - 583101,	03ZMPPCK400549 H	03ZMPPCK400367 T

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25	H.B.Halli	Kswan Control Room, Taluk office, First Floor, Bhovi Colony, Hagaribommanahalli- 583212	03ZMPPCK400413 J	03ZMPPCK400547 T
26	Hoovina Hadagali	Kswan Control Room, 2nd Floor, minividan soudha, Taluk Office, Huvinahadagali-583219	03ZMPPCK400545 P	03ZMPPCK400400 J
27	Hospet	Kswan Control Room, Taluk Office, First Floor, Near Shannbag Circle, Hospet-583201	03ZMPPCK400279 H	03ZMPPCK400407 R
28	Kudligi	Kswan Control Room, Thashildhar Office, APMC Yard, Bangalore Road, Kudligi-583135	03ZMPPCK400558 P	03ZMPPCK400315 L
29	Sandur	Kswan Control Room, Hospet Road, Sandur- 583119	03ZMPPCK40055 7N	03ZMPPCK40045 3R
30	Siruguppa	Kswan Control room, Taluk office, Siruguppa-583121	03ZMPPCK400539 Y	03ZMPPCK400234 F
31	Bidar	KSWAN control room, #03,Ground Floor, DC office,Near Old Bus stand, Bidar - 585401	03ZMPPCK400440 R	03ZMPPCK400365 P
32	Aurad	KSWAN Control Room,Mini Vidhansoudha, Tahsildar Office,Aurad Taluka,Bidar District - 585326	03ZMPPCK400451 L	03ZMPPCK400465 M
33	Basavakalayan	KSWAN Control Room,1st Floor,Mini Vidhan Soudha, Basavakalyan Taluka, Bidar District - 585327	03ZMPPCK400492 H	03ZMPPCK400409 P
34	Bhalki	KSWAN Control Room,1st Floor,Tahsildar Office, Bhalki, Bidar District - 585328	03ZMPPCK400355 W	03ZMPPCK400463 K
35	Humanabad	KSWAN Control Room, 1st Floor,Old Tahsil Office, Near SBI Bank Humnabad Taluka,Bidar District - 585330	03ZMPPCK400235 X	03ZMPPCK400431 T
36	Bijapur	KSWAN control Room c/o DC office, Opposite post office, Vijayapura-586101	03ZMPPCK400301 K	03ZMPPCK400334 B

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37	B.Bagewadi	KSWAN control Room c/o Tashildar office, Mini vidhan soudha B.Bagewadi-586203	03ZMPPCK400556 R	03ZMPPCK400520 Z
38	Indi	KSWAN control Room c/o Tashildar office, Mini vidhan soudha INDI- 586211	03ZMPPCK400257 B	03ZMPPCK400543 R
39	Muddebihal	KSWAN control Room c/o Tashildar office, Mini vidhan soudha Muddebihal-586212	03ZMPPCK400320 Y	03ZMPPCK400352 P
40	Sindagi	KSWAN control Room c/o Tashildar office, Mini vidhan soudha Sindagi- 586128	03ZMPPCK400555 M	03ZMPPCK400345 D
41	Chamrajnagar	kswan control room#241, 2nd floor, DCOffice,double road Chamarajnagar- 571313	03ZMPPCK400502 V	03ZMPPCK400240 H
42	Gundlupete	kswan control room,rron no -23 1stfloorTaluk Office Premises Gundlupet- 571111	03ZMPPCK400491 W	03ZMPPCK400494 D
43	Kollegala	kswan control room,Taluk Office ,MM hills road Kollegal-571440	03ZMPPCK400584 D	03ZMPPCK400395 J
44	Yalanduru	kswan control room,Taluk Office,kollegal main road Yelandur-571441	03ZMPPCK400474 X	03ZMPPCK400493 E
45	Chikballapur	KSWAN Control Room ,#GA10,Ground Floor ,New DC office ,Shidlghatta Road Chickballapura 562101	03ZMPPCK300590 J	03ZMPPCK400591 P
46	Bagepalli	KSWAN Control Room , Mini vidana souda 1'st Floor, Bagepalli-561207, Dist :Chickballapur	03ZMPPCK400424 B	03ZMPPCK400231 B
47	Chinthamani	KSWAN control room , Mini vidhana Soudha ,Taluka office , Chintamani- 563125 , Dist : Chickballapur	03ZMPPCK400518 X	03ZMPPCK400537 E
48	Gowribidanur	KSWAN Departmet, Taluk Office (Near KSRTC Bustand) , Gowribindanur- 561208, Dist :Chickballapur	03ZMPPCK400270 K	03ZMPPCK400475 A

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49	Gudibande	KSWAN Departmet ,Mini vidhana Soudha ,1st floor Taluka office , Gudibande 561209 , Dist : Chickballapur	03ZMPPCK400324 F	03ZMPPCK400495 Y
50	Sidlaghatta	KSWAN Control Room,Taluk Office (Mini Vidhana Soudha),Ground Floor , Sidlghatta-562105, Dist :Chickballapur	03AMPPCK40053 4T	03ZMPPCK400360 K
51	Chitradurga	KSWAN CR-1st Flore-DC Office Premises, Chitradurga-577501	03ZMPPCK400449 Y	03ZMPPCK400237 K
52	Challakere	KSWAN CR-Taluk Office Premises Challakere- 577522	03ZMPPCK400447 E	03ZMPPCK400464 L
53	Hiriyur	KSWAN CR-Taluk Office Premises Hiriyur-577598	03ZMPPCK400343 H	03ZMPPCK400239 M
54	Holalkere	KSWAN CR-Taluk Office Premises Holalkere- 577526	03ZMPPCK400503 J	03ZMPPCK400445 W
55	Hosadurga	KSWAN CR-Taluk Office Premises Hosadurga- 577527	03ZMPPCK400587 V	03ZMPPCK400468 P
56	Molakalmur	KSWAN CR-Taluk Office Premises Molakalmuru- 577535	03ZMPPCK400448 D	03ZMPPCK400544 N
57	Chikmagalur	KSWAN C/O DC Office, Chikkamagaluru-577101	03ZMPPCK400391 D	03ZMPPCK400252 W
58	Kadur	Taluk Office Premises Kadur-577548	03ZMPPCK300822 F	03ZMPPCK400598 Y
59	Koppa	Taluk Office Premises balgadi road Koppa- 577126	03ZMPPCK400303 F	03ZMPPCK400285 M
60	Mudigere	Taluk Office Premises Mudigere-577132	03ZMPPCK400260 R	03ZMPPCK400271 L
61	Narsimhrajapura	Taluk Office Premises Narasimharajapura- 577134	03ZMPPCK400583 E	03ZMPPCK400426 J
62	Sringeri	Taluk Office Premises Sringeri-577139	03ZMPPCK400444 T	03ZMPPCK400596 E
63	Tarikere	Taluk Office Premises Tarikere-577228	03ZMPPCK400482 Y	03ZMPPCK400526 Y
64	Davangere	KSWAN Room no 7, DC office, Karur industrial area Davangere - 577006	03ZMPPCK400385 A	03ZMPPCK400254 E
65	Chennagiri	KSWAN office, Taluk Office, Minividanasouda Channagiri - 577213	03ZMPPCK400486 F	03ZMPPCK400566 K



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66	Harihar	KSWAN office, behind Taluk office, Minividanasouda Harihara -577001	03ZMPPCK400281 X	03ZMPPCK400298 M
67	Harpanhalli	KSWAN office, Taluk Office, Minividanasouda Harapanahali - 583131	03ZMPPCK400422 D	03ZMPPCK400489 K
68	Honnali	KSWAN office, Taluk Office, Minividanasouda Honnali - 577217	03ZMPPCK400272 M	03ZMPPCK400477 M
69	Jagalur	KSWAN office, Taluk Office, Minividanasouda Jagalur - 577528 - 577213	03ZMPPCK400435 D	03ZMPPCK400302 L
70	Dharwad	KSWAN Office, DC Office, DC Compound, Dharwad - 580001	03ZMPPCK400522 W	03ZMPPCK400226 M
71	Navalgund	KSWAN Office, Tahasildar Office, Mini Vidhana Saudha, Ibrahimpur Road, Navalgund - 582208	03ZMPPCK400332 D	03ZMPPCK400309 W
72	Hubli	KSWAN office, Room Number 6, Mini Vidhanasouda, Tahsildar Office, Hubli - 580024	03ZMPPCK400550 F	03ZMPPCK400507 K
73	Kalaghatgi	KSWAN Control Room, Behind Tahsildar Office, Hubli-Karwar Road, Tal - Kalaghatgi, Dist- Dharwad- 581204	03ZMPPCK400529 J	03ZMPPCK400317 R
74	Kundgol	KSWAN Office, 1st Floor, Tahsildar Office, mini vidhana saodha, Kundgol - 581113	03ZMPPCK400291 V	03ZMPPCK400303 M
75	Gadag	Room no 22, KSWAN project, Ground floor, New DC office Hubballi Road Gadag 582101	03ZMPPCK400375 M	03ZMPPCK400553 K
76	Mundargi	Kswan Room, Mini Vidhanasoudha, Gadag Road, Mundaragi Gadag- 582118	03ZMPPCK400406 M	03ZMPPCK400269 Y
77	Naragund	KSWAN Control Room 23, Tahasildar Office, Minividhansoudha, Hubli-Sollapur Road, Nargunda- 582207	03ZMPPCK400329 M	03ZMPPCK400275 P

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78	Rona	KSWAN Control Room 16, Tahasildar Office, Minividhansoudha, Hubli Road,Rona-582209	03ZMPPCK400312 X	03ZMPPCK400330 H
79	Shirahatti	KSWAN Control Room, Tahasildar Office, Bellati Road Shirahatti-582120	03ZMPPCK400282 A	03ZMPPCK400288 P
80	Gulbarga	KSWAN control room no-22,3rd floor,mini vidhan souda,Gulbarga-585102	03ZMPPCK400390 E	03ZMPPCK400373 K
81	Afzalpur	1st floor KSWAN Control Room Tahasildar Office Afzalpur 585301	03ZMPPCK400560 B	03ZMPPCK400577 X
82	Aland	KSWAN Control Room Tahasildar Office, Aland - 585302	03ZMPPCK400564 X	03ZMPPCK400541 L
83	Chincholi	KSWAN CONTROL ROOM NO 16.1st FLOOR MINI VIDHANASOUDA CHANDAPUR CHINCHOLI TALUKA KALABURAGI DIST PIN No.585305	03ZMPPCK400455 P	03ZMPPCK400393 B
84	Chittapur	Mini Vidhana Soudha,Tahasildar office Kswan Control Room Room -No 04 Railway station Road Chittapur Taluka & Post Chittapur, Pincode 58521	03ZMPPCK400372 A	03ZMPPCK400488 A
85	Jevargi	KSWAN Control Room no 207 Minividhan soudha B.B road Jewargi 585310.	03ZMPPCK400411 B	03ZMPPCK400536 H
86	Sedam	KSWAN Control Room Tahasildar Office, Near KEB Colony Sedam - 585222	03ZMPPCK400429 A	03ZMPPCK400399 K
87	Hassan	KSWAN, Room no 19,DC office BM road, Hassan - 573201	03ZMPPCK400328 L	03ZMPPCK400460 F
88	Arasikere	KSWAN,Taluk office, BH road near, Arasikere - 573103	03ZMPPCK400481 D	03ZMPPCK400410 Y
89	Alur	KSWAN, Taluk Panchyath, BM road Alur - 573213	03ZMPPCK400369 H	03ZMPPCK400363 R
90	Arkalgud	KSWAN, Mini Vidhanasouda, Taluk office, Arkalgud - 573102	03ZMPPCK400588 J	03ZMPPCK400443 Z

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91	Belur	KSWAN, Mini Vidhanasouda, Taluk office, Belur - 573115	03ZMPPCK400485 J	03ZMPPCK400434 E
92	Channarayapata na	KSWAN, 2nd floor, Mini vidanasouda, Taluk office, BM road Channarayapatna - 573116	03ZMPPCK400323 J	03ZMPPCK400316 M
93	Holenarasipur	KSWAN, Room no 18, Taluk office, Holenarasipura - 573211	03ZMPPCK400441 N	03ZMPPCK400401 F
94	Sakleshpur	KSWAN, Room no 2, Ground floor, Mini vidanasouda, Taluk office, Sakleshpura-573134	03ZMPPCK400326 A	03ZMPPCK400362 M
95	Haveri	KSWAN Control Room, DC Office, Haveri Devagiri road, Haveri - 581110.	03ZMPPCK400313 A	03ZMPPCK400278 W
96	Bayadgi	KSWAN Control Room, Tahsildar office, Mini vidhanasoudha, Byadgi - 581106.	03ZMPPCK400289 Z	03ZMPPCK400294 X
97	Hangal	KSWAN Control Room, Tahsildar office, Mini vidhanasoudha, Hangal - 581104.	03ZMPPCK400308 T	03ZMPPCK400283 K
98	Hirekerur	KSWAN Control Room, Tahsildar office , Mini vidhanasoudha, Hirekerur - 581111.	03ZMPPCK400307 Z	03ZMPPCK400229 P
99	Ranebennur	KSWAN Control Room, Tahsildar office , Mini vidhanasoudha, Ranebennur - 581115.	03ZMPPCK400263 Z	03ZMPPCK400530 R
100	Savanur	KSWAN Control Room, Tahsildar office , Mini vidhanasoudha, Savanur - 581118.	03ZMPPCK400296 K	03ZMPPCK400264 T
101	Shiggaon	KSWAN Control Room, Tahasildar office , New Mini vidhanasoudha, Shiggaon - 581205.	03ZMPPCK400305 N	03ZMPPCK400554 L
102	Karwar	KSWAN Control room, DC Office, Karwar district- 581301	03ZMPPCK400576 F	03ZMPPCK300499 P
103	Ankola	KSWAN Control room, Taluk Office, Ankola, Karwar district-581314	03ZMPPCK40531 N	03ZMPPCK200492 W

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104	Bhatkal	KSWAN Control room, Taluk Office, Bhatkal, Karwar district-581320	03ZMPPCK400261 N	03ZMPPCK400568 M
105	Haliyala	KSWAN Control room, Taluk Office, Haliyal, Karwar district-581329	03ZMPPCK400268 D	03ZMPPCK400498 J
106	Honnavar	KSWAN Control room, Taluk Office, Honnawar, Karwar district-581334	03ZMPPCK300330 V	03ZMPPCK400421 E
107	Joida	KSWAN Control room, Taluk Office, Joida, Karwar district-581186	03ZMPPCK400384 X	03ZMPPCK200433 W
108	Kumta	KSWAN Control room, Taluk Office, Kumta, Karwar district-581343	03ZMPPCK400511 E	03ZMPPCK400508 L
109	Mundagod	KSWAN Control room, Taluk Office, Mundagod, Karwar district-581349	03ZMPPCK400572 Y	03ZMPPCK300588 H
110	Siddhapura	KSWAN Control room, Taluk Office, Siddapur, Karwar district-581355	03ZMPPCK400276 Z	03ZMPPCK400510 H
111	Sirsi	KSWAN Control room, Taluk Office, Sirsi, Karwar district-581401	03ZMPPCK400573 B	03ZMPPCK400517 F
112	Yallapura	KSWAN Control room, Taluk Office, Yellapura, Karwar district-581359	03ZMPPCK400267 E	03ZMPPCK400569 R
113	Kodagu	KSWAN Control Room No 32 DC Office Building Kodagu-571201	03ZMPPCK400590 N	03ZMPPCK400497 V
114	Somavarpet	Kswan contol room TCR ground floor Taluk office near sampige katte- 571236	03ZMPPCK400374 L	03ZMPPCK400368 W
115	Virajpet	KSWAN control room TCR Mini vidhanasoudha opposite of SBI Virajpet- 571218	03ZMPPCK400353 Z	03ZMPPCK400344 E
116	Kolar	Room No FF-20, KSWAN Office, O/o Deputy Commissioner, District Administrative Building, Kumbarahalli, Off, NH-75, KOLAR-563103	03ZMPPCK400509 M	03ZMPPCK400423 Y
117	Bangarapet	KSWAN Office ,2nd Flore Mini Vidhana Soudha ,Taluka Office,Kolar Main Road Bangarpet-563114	03ZMPPCK400244 B	03ZMPPCK400388 M

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11 8	Malur	KSWAN Office,G-flore Mini Vidhana Soudha ,Taluka Office, Next to Police Station Hosur Road Malur-563130	03ZMPPCK400366 Z	03ZMPPCK400420 H
11 9	Mulbagilu	KSWAN Office ,1st Flore Mini Vidhana Soudha ,Taluka Office,Mulabagilu-563131	03ZMPPCK400398 A	03ZMPPCK400437 B
12 0	Shrinivasapura	KSWAN Office,G-Flore Mini Vidhana Soudha , Taluka Office ,MG Road Srinivasapura-563135	03ZMPPCK400243 Y	03ZMPPCK400370 F
12 1	Koppal	KSWAN Project 1st floor, DC Office Koppal, Koppal District- 583231	03ZMPPCK400286 R	03ZMPPCK400253 H
12 2	Gangavathi	KSWAN Project, Mini Vidhana Soudha , Tahsildar Office, Anegundi Road, Sai nagar, Gangavati- 583227, Koppal	03ZMPPCK400386 K	03ZMPPCK400381 V
12 3	Kushtagi	KSWAN Project, Mini Vidhan Soudha, Tahsildar Office Kustagi- 583277, Koppal Dist.	03ZMPPCK400297 L	03ZMPPCK400548 W
12 4	Yelburga	KSWAN Project, Tahsildar Office, Yalburga:- 583236 Koppal Dist	03ZMPPCK400405 L	03ZMPPCK400546 Z
12 5	Mandya	room no 5,ground floor DC office kswan control room mandya:571401	03ZMPPCK400478 M	03ZMPPCK400242 D
12 6	Krishnarajapete	Room no.16, 1st Floor,Mini Vidhan soudha ,Krishnarajapete 571426	03ZMPPCK400389 R	03ZMPPCK400593 T
12 7	Maddur	KSWAN control room,1st floor mini vidhana soudha,B-m road maddur - 571428	03ZMPPCK400432 W	03ZMPPCK499416 A
12 8	Malavalli	Mini vidhana soudha,Behind town police station ,Malavalli 571430	03ZMPPCK400496 B	03ZMPPCK400504 F
12 9	Nagamangala	Minividhan soudha Taluk office ,1st floor, room no 203,Pin code: 571432	03ZMPPCK400371 X	03ZMPPCK400516 J
13 0	Pandavapura	POP Address Room No _16 2nd floor Mini vidhanasowdha N M Road Pandavapura pin code_571434	03ZMPPCK400394 V	03ZMPPCK400304 R

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13 1	Srirangapatna	KSWAN Control room no:18 1st floor, Srirangapatna taluku, 571438	032MPPCK400358 D	032MPPCK400358 D
13 2	Mangalore	KSWAN Control room, 1st floor, DC office, Mangalore 575001	032MPPCK300521 R	032MPPCK400258 V
13 3	Bantwal	KSWAN Control room, Taluk panchayath building, BC Road, Bantwal 574219	032MPPCK400433 H	032MPPCK400472 J
13 4	Belthangadi	KSWAN Control room, Mini vidhana soudha, Belthangady 574214	032MPPCK300438 B	032MPPCK400459 H
13 5	Puttur	KSWAN Control room, Mini vidhana soudha, Puttur 574201	032MPPCK400245 V	032MPPCK400249 A
13 6	Sulya	KSWAN Control room, Taluk office, Near Mini vidhana soudha, Sullia - 574239	032MPPCK400321 B	032MPPCK400425 V
13 7	Mysore	Room No.14 , 1st floor, Disrtrict Commissioner Office, JLB Road, Mysuru - 570001	032MPPCK400522 A	032MPPCK400276 L
13 8	Hunsur	KSWAN Control room, Mini vidhana soudha, Hunsur 571105	032MPPCK400479 R	032MPPCK400346 Y
13 9	H.D Kote	KSWAN Control room, Mini vidhana soudha, HDKote 571114	032MPPCK400351 N	032MPPCK400454 N
14 0	K.R Nagar	KSWAN Control room, Mini vidhana soudha, KRNagara 571602	032MPPCK400540 K	032MPPCK400364 N
14 1	Nanjangud	KSWAN Control room, Mini vidhana soudha, Nanjangud 571301	032MPPCK400461 X	032MPPCK400570 E
14 2	Piriyapattana	KSWAN Control room, Mini vidhana soudha, Piriyapattana 571107	032MPPCK400565 A	032MPPCK400438 V
14 3	T.Narasipur	KSWAN Control room, Mini vidhana soudha, TNarasipura 571124	032MPPCK400574 V	032MPPCK400490 T
14 4	Raichur	KSWAN DC OFFICE RAICHUR 584101	032MPPCK400427 F	032MPPCK400594 W
14 5	Devdurga	KSWAN Tahasildar office devadurga 584111	032MPPCK400436 Y	032MPPCK400382 J
14 6	Lingasugur	KSWAN Tahasildar office Lingasugur 584122	032MPPCK400532 P	032MPPCK400597 D

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14 7	Manvi	KSWAN Tahasildar office Manvi 584123	03ZMPPCK400525 D	03ZMPPCK400404 K
14 8	Sindhanur	KSWAN Tahasildar office Sindhanur 584128	03ZMPPCK400392 Y	03ZMPPCK400561 V
14 9	Ramnagaram	KSWAN control room, Basement,Mini Vidhna soudha , BM road, Ramanagara-571511	03ZMPPCK400339 A	03ZMPPCK400354 T
15 0	Channapattna	KSWAN Control Room,Ground floor, Taluk office, Mini vidhanasoudha, B.M Road, Channapattana- 562160	03ZMPPCK400378 P	03ZMPPCK400452 M
15 1	Kanakpura	KSWAN control room, Ground floor, Tasildar office, Minividanasouda, M. G road opposite Rural degree college Kanakapura -562117	03ZMPPCK400277 T	03ZMPPCK400241 E
15 2	Magadi	kaswan controll room c/o taluk office,b.k.road magadi,ramnagara(D):562 120	03ZMPPCK300528 B	03ZMPPCK400251 T
15 3	Shimoga	old DC office Compound,Kswan office,second floor, Mahaveer Circle Shimoga 577201	03ZMPPCK400336 J	03ZMPPCK400340 Z
15 4	Bhadravathi	KSWAN Control Room Taluk office Bhadravati 577301	03ZMPPCK400408 N	03ZMPPCK400359 Y
15 5	Hosanagara	KSWAN Control Room Taluk office Hosanagar 577418	03ZMPPCK400396 F	03ZMPPCK400379 Z
15 6	Sagar	KSWAN control AC office Sagar 577401	03ZMPPCK400348 V	03ZMPPCK400473 F
15 7	Shikaripur	KSWAN Control room Mini Vidhansouda taluk office Shikaripur 577427	03ZMPPCK400225 L	03ZMPPCK400483 B
15 8	Soraba	KSWA Control room taluk office Sorabha 577429	03ZMPPCK400347 B	03ZMPPCK400356 H
15 9	Thirthahalli	KSWAN control room taluk office Thirthahalli 577432	03ZMPPCK400341 T	03ZMPPCK400350 R
16 0	Tumkur	KSWAN Control Room, Mini Vidhan Soudha, Room No-103, First floor,Sira road, Tumkur-572101	03ZMPPCK400567 L	03ZMPPCK400412 V

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16 1	Chikkanayahalli	KSWAN Control Room, Mini Vidhan Soudha, Ground floor,BH road Chikkanayakana halli- 572214	03ZMPPCK400585 Y	03ZMPPCK400376 R
16 2	Gubbi	KSWAN Control Room, Mini Vidhan Soudha, First floor,MG road, Gubbi- 572216	03ZMPPCK400238 J	03ZMPPCK400233 J
16 3	Koratagere	KSWAN Control Room, Mini Vidhan Soudha, Second floor, Madhugiri road, Koratagere-572129	03ZMPPCK400439 J	03ZMPPCK400458 W
16 4	Kunigal	KSWAN Control Room, Mini Vidhan Soudha, Second floor, Madhugiri road, Koratagere-572129	03ZMPPCK400563 F	03ZMPPCK400349 J
16 5	Madhugiri	KSWAN Control Room, Mini Vidhan Soudha, Second floor, Madhugiri road, Koratagere-572129	03ZMPPCK400512 D	03ZMPPCK400592 Z
16 6	Pavagada	KSWAN Control Room, Mini Vidhan Soudha, Second floor, Madhugiri road, Koratagere-572129	03ZMPPCK400361 L	03ZMPPCK400580 T
16 7	Sira	KSWAN Control Room, Mini Vidhan Soudha, Second floor, Madhugiri road, Koratagere-572129	03ZMPPCK400457 T	03ZMPPCK400419 M
16 8	Tiptur	KSWAN Control Room, Mini Vidhan Soudha, Second floor, Madhugiri road, Koratagere-572129	03ZMPPCK400248 X	03ZMPPCK400513 Y
16 9	Turuvekere	KSWAN Control Room, Mini Vidhan Soudha, Second floor, Madhugiri road, Koratagere-572129	03ZMPPCK400542 M	03ZMPPCK400442 P
17 0	Udupi	KSWAN Control Room, Room No. B301 ,2nd Floor, B-Block,DC Office,Manipal Udupi-576104	03ZMPPCK400342 W	03ZMPPCK400273 R
17 1	Karkala	KSWAN Control Room, Room no.21, Mini Vidhana Soudha, Taluk office Compund, Karkala-574104	03ZMPPCK400274 N	03ZMPPCK300842 M



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17 2	Kundapur	KSWAN Control Room, Mini Vidhana Soudha, Near Kundapura Court, New Bus Stop, Thasildar Office(taluk office), Kundapura-576201	03ZMPPCK400357 E	03ZMPPCK400514 B
17 3	Yadgiri	KSWAN CONTROL ROOM, TAHASILDHAR OFFICE COMPOUND ,STATION ROAD YADGIRI 585201	03ZMPPCK400571 D	03ZMPPCK400578 A
17 4	Shahpur	KSWAN Control Room, Mini Vidhan Soudha, Shahpur585223	03ZMPPCK400450 K	03ZMPPCK400402 X
17 5	Shorapur	KSWAN CONTROL ROOM, 2ND FLOOR,MINI VHAN SODHA ,SHORAPUR TALUKA DIST YADGIRI 585224	03ZMPPCK400506 A	03ZMPPCK400430 Z
17 6	State Control Room, Bangalore	KSWAN State Control Room, Room # 11, Ground Floor, Vikasa Soudha, Bangalore - 560001	03ZMPPCK400403 A	
17 7	State Control Room, Bangalore	KSWAN State Control Room, Room # 11, Ground Floor, Vikasa Soudha, Bangalore - 560001	03ZMPPCK400265 W	
17 8	State Control Room, Bangalore	KSWAN State Control Room, Room # 11, Ground Floor, Vikasa Soudha, Bangalore - 560001	03ZMPPCK400470 B	
17 9	State Control Room, Bangalore	KSWAN State Control Room, Room # 11, Ground Floor, Vikasa Soudha, Bangalore - 560001	03ZMPPCK400247 F	
18 0	State Control Room, Bangalore	KSWAN State Control Room, Room # 11, Ground Floor, Vikasa Soudha, Bangalore - 560001	03ZMPPCK400595 H	
18 1	State Control Room, Bangalore	KSWAN State Control Room, Room # 11, Ground Floor, Vikasa Soudha, Bangalore - 560001	03ZMPPCK400469 Z	
18 2	State Control Room, Bangalore	KSWAN State Control Room, Room # 11, Ground Floor, Vikasa Soudha, Bangalore - 560001	03ZMPPCK400500 Y	
18 3	State Control Room, Bangalore	KSWAN State Control Room, Room # 11, Ground Floor, Vikasa Soudha, Bangalore - 560001	03ZMPPCK400501 B	

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18 4	State Control Room, Bangalore	KSWAN State Control Room, Room # 11, Ground Floor, Vikasa Soudha, Bangalore - 560001	03ZMPPCK400259 J	
18 5	State Control Room, Bangalore	KSWAN State Control Room, Room # 11, Ground Floor, Vikasa Soudha, Bangalore - 560001	03ZMPPCK400224 K	
18 6	State Control Room, Bangalore	KSWAN State Control Room, Room # 11, Ground Floor, Vikasa Soudha, Bangalore - 560001	03ZMPPCK400380 B	
18 7	State Control Room, Bangalore	KSWAN State Control Room, Room # 11, Ground Floor, Vikasa Soudha, Bangalore - 560001	03ZMPPCK400262 P	
18 8	State Control Room, Bangalore	KSWAN State Control Room, Room # 11, Ground Floor, Vikasa Soudha, Bangalore - 560001	03ZMPPCK400256 Y	
18 9	State Control Room, Bangalore	KSWAN State Control Room, Room # 11, Ground Floor, Vikasa Soudha, Bangalore - 560001	03ZMPPCK400266 H	
19 0	State Control Room, Bangalore	KSWAN State Control Room, Room # 11, Ground Floor, Vikasa Soudha, Bangalore - 560001	03ZMPPCK400250 Z	
19 1	State Control Room, Bangalore	KSWAN State Control Room, Room # 11, Ground Floor, Vikasa Soudha, Bangalore - 560001	03ZMPPCK400484 V	
19 2	State Control Room, Bangalore	KSWAN State Control Room, Room # 11, Ground Floor, Vikasa Soudha, Bangalore - 560001	03ZMPPCK400581 W	
19 3	State Control Room, Bangalore	KSWAN State Control Room, Room # 11, Ground Floor, Vikasa Soudha, Bangalore - 560001	03ZMPPCK400515 V	

**Annexure 4 – Non-IT Specifications**

**a. Bio Metric**

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Sl. No.	Description of Functional Requirement	Compliance (Yes/No)
1	Supply, installation, and commissioning of biometric access control system and attendance management system (AMS) at SCR location for IT and NOC room to get real time Access and Attendance information of employees deployed by SI.	
2	Supply, installation, and commissioning of biometric attendance access device at all DCRs and TCRs to get real time attendance information of employees deployed by SI.	
3	The Attendance Management System (AMS) system shall be consisting of required hardware, software, and other required accessories and shall be capable of storing the attendance data for the minimum period of one (1) year.	
4	The AMS shall be able to track of daily attendance, leave management, working hours, calendar integration, break period, login, and logout time of employees and generate reports.	
5	The SI shall build master data by registering all the employees biometrically in the system for proper tracking and management.	
6	The attendance data shall be made available to KSWAN, CeG whenever on request.	
7	The SI shall ensure the Annual Maintenance Contract for Hardware and software and Biometric Devices for 5 years.	
8	<b><u>Specifications of Biometric Device</u></b> <ol style="list-style-type: none"> <li>Operating Humidity:20 to 80 %</li> <li>Fingerprint Sensor:500 DPI Optical Sensor</li> <li>Operating Temperature:0 to 45 Degree C</li> <li>Power 230VAC ~ 12VDC</li> <li>Attendance Capacity: 500-800</li> <li>Fingerprint Capture timing should be Less than 2 Sec and 1 Sec for Verification of captured finger</li> <li>Graphical Display LCD display</li> <li>Transmission Frequency 13.56 MHz</li> <li>False Acceptance and rejection rate Less than 0.01%</li> <li>Technology Compliance I Class 15693 &amp; 14443B</li> </ol>	
9	The SI shall ensure that the attendance logs are available in the system for a minimum period of 1 year.	

**b. UPS battery bank 12V 100AH/12V 200AH**

Sl. No	The general specifications shall be as under:	Compliance (Yes/No)
1.	The batteries type should be of VRLA- SMF type.	
2.	The Manufacturers of Batteries should have been approved and tested at any of the NABL-approved Labs/ETDC and should possess the Valid ISO9001 certificate & ISO 14001 certificates.	

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3.	The battery bank shall consist of required number of deep discharge electrochemical storage cells, suitably interconnected as required. Parallel connections of storage cells will be discouraged.	
4.	The Batteries should have been rated for C20 discharge & the cells shall be capable of deep discharge and frequent cycling. Automotive /Calcium or car batteries shall not be accepted.	
5.	The nominal voltage and capacity of the storage bank shall be selected and specified by the supplier in the bid.	
6.	The self-discharge rate of the battery bank or individual cell shall not exceed four (4) percent per month.	
7.	The permitted maximum depth of discharge (DOD) shall be specified by the supplier in the bid.	
8.	The cells shall include explosion proof. Safety events.	

----- END of KSWAN O&M RFP -----