Advertisement No: 01/TC/PRO/2022   **Date:** 29/09/2022

Project: Agra Smart City.

Project Duration: 5 years.

S No	Project Phase / Resources Profile	Education Qualification & experience
1	Solution / Enterprise Architect	Full-time MCA/M.Tech/BE/B.Tech from a reputed institute; 8 years' experience in IT sector; 3 years' experience as a Solution architect (Designing & implementing Network solutions) in 3 large projects; CCNA certification
2	Security & Surveillance Expert	Full-time MCA/M.Tech/BE/B.Tech from a reputed institute; 5 years' experience in IT sector; 3 years' experience as CCTV expert
3	ITMS Expert	Full time MCA/ M.Tech /BE/ B.Tech from a reputed institute; 5 years' experience in IT sector; 3 years' experience as Traffic engineer
4	ATCS Expert	Full-time MCA/ M.Tech /BE/ B.Tech from a reputed institute; 5 years' experience in IT sector; 3 years' experience as Traffic engineer
5	Command Centre Expert	Full-time M.Tech /BE/ B.Tech from a reputed institute; 15 years' experience inIT sector; Should have experience in designing & implementing Command Centre for 2 projects of similar nature

Note: Submit the resume - info@thecartographer.in

Placement Cell
Ankit Gupta
Managing Director (MD)
Mobile No. +91 9407089804
E-mail: info@thecartographer.in

The Cartographer

Corporate Office: 135/1 Shankar Nagar colony, Samneghat, Lanka, Varanasi - 221005
Website: www.thecartographer.in
GSTIN: 09AASFT3771D1ZR
PAN No: AASFT3771D

1-   Solution/Enterprise Architect:

Must be B.Tech with 8 Years' experience in IT Sector & Should
Have experience of more than 3 Years as a Solution Architect in large projects. Knowledge of IoT solutions in smart city domain including City Communication Network, Command Control Center,
Data center/Disaster Recovery, GS CCTV, Intelligent Traffic Management System, Environmental Sensors, Solid Waste Management System, Adaptive Traffic Control System, Geographic Information System and Smart Public Transport System. Experience in solution development and/or
systems integration business. Experience on different types of Server, Network devices, firewall, mobile network and different Storages like Dell, IBM, HP, Cisco, etc., fibre communication, Microsoft& Linux OS, maintenance of Data Centre infrastructure, Data centre, Hosting Company, IP Telephony, RF and IOT platform, cloud computing, designing the architecture for ICT based projects, hardware and application sizing, designing DC/DR on a cloud.

- Understanding of whole architecture of system and solution.
- Understanding of enterprise business drivers and technology.
- Upgradation of architecture if required based on new improvement or customers
- requirements.
- Analysing the architecture level issues and provide suitable solution.
- Troubleshooting of the issues of Datacentre, Disaster Recovery & ICCC, Root cause
- analysis and finally suitable solution.
- Preparing SLA report as per the contract agreement and submitting it to the customer on
- monthly basis.
- Ensuring maximum uptime of ICT Components.
- Coordination with the BSNL, Agra whenever the network is down.
- Coordination with Torrent Power, Agra & DVVNL, Agra whenever the power supply is down
- Coordination with Vodafone whenever Environmental sensors are down.

Client Name: Agra Smart City Project (Duration 5 Years)

Education Qualification & experience:

Full-time MCA/M.Tech/BE/B.Tech

from a reputed institute;8 years

experience in IT sector; 3 years

experience as Solution Architect

(Designing & implementing Network solutions) in 3 large projects; CCNA certification

2-   Security and Surveillance Expert Role & Responsibilities

Must be B Tech with 5 Years' experience in IT Sector & should have more than 3 years' experience as CCTV Expert. designing field implementation for CCTV installation, cable installation, CCTV cameras installation, DVR configuration, access and support, troubleshooting of hardware and software malfunctions as well as network issues as it relates to the CCTV system, final system camera and component layout documentation preparation. Experience in Windows OS, troubleshooting Cisco network equipment, different types of Server, Network devices, and different Storages like Dell, IBM, HP, Cisco, etc. Microsoft & Linux OS. Setting up or maintenance of Data centre infrastructure. Data centre, Hosting Company the Command Centre Operator is responsible for ensuring the integrity, availability and protection of the company's primary assets: reputation, people, information and facilities, by monitoring the company's critical infrastructure and acting as the control liaison during incidents. Under the direction of the operations manager, the Command Centre Specialist is an IT-focused role that is responsible for executing daily responsibilities related to incident management, device monitoring, network troubleshooting, application support, and upgrade project implementation and deployment. An emphasis is placed on assisting in the monitoring and support of A&F's core software and hardware applications. This is role demand building strong working relationships with all technical support teams.

- Performing schedule maintenance for the CCTV field components as per the plan.
- Performing preventive maintenance activity for the CCTV field components as per the
- approved preventive maintenance action plan.
- Visiting every junction on daily basis to check the functionality of junctions.
- If any location is not working, identify the problem, determine the cause and establish an
- action plan for resolution. And confirm the junction live at ICCC.
- Root cause analysis to be done for repetitive problems occurring on regular basis,
- recommend and implement solutions.
- Replacement of faulty components in field with the help of BEL Service Provider team.
- Coordination with the BEL Service Provider team over phone/mail for sending the faulty
- components and spare requirements.
- Replacement of batteries with the help of BEL Service Provider team based on its lifetime as
- recommended by the OEM.
- Coordination with the vendor (BEL Service Provider) team for carrying out preventive
- maintenance activities like cleaning of Junction boxes, cleaning of Cameras, welding of
- junction box doors etc.
- Coordination with the traffic police department during any VIP Movements and updating the
- camera focusing based on the route as per the recommendation of traffic police
- Manual tickets generation for the down junctions. And assigning of tickets for the respective
- process owner/ service providers.
- Coordination with the process owners for the generated tickets and making sure the raised
- ticket is closed without SLA breach.
- Recording the open time and close time for the raised tickets.
- Coordination with the vendor (BEL Service Provider) team for carrying out installation
- activities at field if any.
- For demarcation of stop line at junctions, request letter to be submitted to ASCL.
- Regular checking of bolts and nuts of gantry poles, CCTV poles, ITMS Poles, cameras etc.

Client Name: Agra Smart City Project

Education Qualification & experience:

Full-time MCA/M.Tech/BE/B.Tech from a reputed institute;

5 years' experience in the IT sector;

3 years' experience as CCTV expert

Project Duration: 5 years

3-   ITMS Expert

Must be B.Tech with 5 years' experience in IT Sector and should have more than 3 years' experience as Traffic Engineer. The Traffic Engineer will be responsible for preparing and reviewing traffic management and traffic diversions plans including design, implementation and maintenance.

- Preparing SLA report as per the contract agreement and submitting it to the customer on
- monthly basis.
- Ensuring maximum uptime of ICT Components.
- Performing schedule maintenance for the ITMS field components as per the plan.
- Ensuring maximum uptime of ICT Components.
- Performing preventive maintenance activity for the ITMS field components as per the
- approved preventive maintenance action plan.
- Visiting every junction on daily basis to check the functionality of junctions.
- If any junction is not working, identify the problem, determine the cause and establish an
- action plan for resolution. And confirm the junction live at ICCC & challan generation.
- Root cause analysis to be done for repetitive problems occurring on regular basis,
- recommend and implement solutions.
- Replacement of faulty components in field with the help of BEL Service Provider team.
- Coordination with the BEL Service Provider over phone/mail for sending the faulty
- components and spare requirements.
- Replacement of batteries with the help of BEL Service Provider team based on its lifetime as
- recommended by the OEM.
- Coordination with the vendor (BEL Service Provider) team for carrying out preventive
- maintenance activities like cleaning of Junction boxes, cleaning of Cameras, welding of
- junction box doors etc.
- Coordination with the traffic police department during any VIP Movements and updating the
- camera focusing based on the route as per the recommendation of traffic police
- Coordination with the D&E team of BEL Service Provider if ITMS portal not working.
- Manual ticket generation for the down junctions. And assigning tickets for the respective
- process owner/ service providers.
- Coordination with the process owners for the generated tickets and making sure the raised
- ticket is closed without SLA breach.
- Recording the open time and close time for the raised tickets.
- Coordination with BEL service provider for carrying out installation activities at the field if any.
- For demarcation of stop line at junctions, request letter to be submitted to ASCL.
- Regular checking of bolts and nuts of standard poles, cantilever poles, and pole termination
- box.
- Register to be maintained for the available inventory/spare materials and inform the BEL
- Management regarding the available spares.
- Preparation of PowerPoint presentation on project during any VIP visit.
- Training to be provided to team members on regular basis.
- Coordination with BEL service provider for any new junction installation as per the
- requirement of ASCL
- Coordinate with Traffic Police to ensure safe & smooth traffic movement and operation.
- Preparation and overall improvement in Traffic Control Devices.
- Performs Accident investigation, evaluation & measures to avoid accidents.

- Liaison with Consultants, Sub-contractors, Management Team, and with local authorities
- Attending and managing all traffic management coordination meetings with Traffic Police,
- Customers and other stakeholders.
- Supporting project management.
- Ensuring solution and operations reliability.
- Analyse and improve system performance.
- designing and implementing intelligent traffic management system projects for traffic
- management, signal synchronization etc.
- Junction survey and preparation of junction drawings.
- Analysis of traffic data and junction timings.
- Experience with Microsoft windows OS & Linux OS
- Traffic models and traffic management plans.

Location: Agra Smart City Project

Education Qualification & experience:
Full time MCA/ M.Tech /BE/ B.Tech
From a reputed institute; 5 years
Experience in IT sector; 3 years
Experience as Traffic engineer
Duration: 5 Years

4- ATCS Expert

Must be B.Tech with 5 Years experience in IT Sector and should have more than 3 years' experience as Traffic Engineer. The Traffic Engineer will be responsible for preparing and reviewing traffic management and traffic diversions plans including design, implementation and maintenance. The Traffic Engineer will be responsible for preparing and reviewing traffic management and traffic diversions plans including design, implementation and maintenance.

- Installation, commissioning of BEL developed ATCS application software in various field
- locations as well as Data centre and Disaster recovery.
- Optimize the traffic light management.
- Preparing SLA report as per the contract agreement and submitting to the customer on monthly basis.
- Ensuring maximum uptime of ICT Components.
- Performing preventive maintenance activity for the ATCS field components as per the approved preventive maintenance action plan.
- Visiting every junction on monthly/ on need basis to check the functionality of junctions.
- If any junction is not working, identify the problem, determine the cause and establish an action plan for resolution. And confirm the junction live at ICCC & Portal.
- Root cause analysis to be done for repetitive problems occurring on regular basis, recommend and implement solutions.
- Replacement of faulty components in field.
- Coordination with the BEL team at Bangalore over phone/mail for sending the faulty components and spare requirements.

- Replacement of batteries based on its lifetime as recommended by the OEM.
- Coordination with the vendor (BEL service provider) team for carrying out preventive maintenance activities like cleaning of PV Modules, cleaning of Junction boxes, cleaning of aspects, welding of junction box doors etc.
- Coordination with the traffic police department during any VIP Movements and updating the traffic plan in ATCS Portal/ Junctions for the route as per the recommendation of traffic police Coordination with the D&E team at BEL Bangalore if ATCS portal not working.
- Manual tickets generation for the down junctions. And assigning of tickets for the respective process owner/ service providers.
- Coordination with the process owners for the generated tickets and making sure the raised ticket is closed without SLA breach.
- Recording the open time and close time for the raised tickets.
- Coordination with the vendor (BEL service provider) team for carrying out installation activities at field if any.
- In case of any third-party damage of field components, identify the source responsible for damage and inform ASCL (Customer)/ concern department with commercial estimates.
- In case of theft, FIR to be obtained from the police department of respective Thana.
- Coordination with the insurance agency & provide the required documents for insurance claiming.
- For any tree pruning, request letter to be submitted to ASCL and follow-up to be done.
- For demarcation of stop line at junctions, request letter to be submitted to ASCL.
- Regular checking of bolts and nuts of standard poles, cantilever poles and pole termination box.
- Register to be maintained for the available inventory/spare materials and inform the BEL Management regarding the available spares. Coordination with the BEL Bangalore for sending and getting back the repaired/faulty items.
- Coordination with the vendor team for battery charging.
- Training to be provided to team members, customer, clients, police, ANN on regular basis.
- Coordination with the BEL service provider team for any new junction installation as per the requirement of ASCL. And obtaining No objection certificate for carrying out junction activity from concern department.
- Coordinate with Traffic Police to ensure safe & smooth traffic movement and operation.
- Preparation of power point presentation on project during any VIP visit.
- Preparation and overall improvement in Traffic Control Devices.
- Performs Accident investigation, evaluation & measures to avoid the accidents.
- Liaison with Consultants, Sub- contractors, Management Team and with local authorities Attending and managing all traffic management coordination meetings with Traffic Police, Customers and other stakeholders.
- Supporting project management and customer support team.
- Ensuring solution and operations reliability.
- Analyse and improve system performance.
- Provide technical support.
- Prepare presentation for the solution proposed and present to customer in person or through webinar.
- Perform site visit, client meetings as and when required.

- designing and implementing intelligent traffic management system projects for traffic management, signal synchronization, etc.
- junction survey and preparation of junction drawings.
- analysis of traffic data and junction timings.
- Microsoft windows OS & Linux OS.
- traffic models and traffic management plans.
- navigate technical issues and evaluate risk.

Location: Agra Smart City

Project Duration: 5 Years

Education Qualification & experience:

Full time MCA/ M.Tech /BE/ B.Tech

from a reputed institute; 5 years

experience in IT sector; 3 years

experience as Traffic engineer

5-   Command Center Expert

 must be M.Tech with 15 years experience in designing & implementing Command Centre for Minimum 2 Projects.
- The Command Centre Operator is responsible for ensuring the integrity, availability and protection of the company's primary assets: reputation, people, information and facilities, by monitoring the company's critical infrastructure and acting as the control liaison during incidents.
- Under the direction of the operations manager, Command Centre Specialist is an IT-focused role that is responsible for executing daily responsibilities related to incident management, device monitoring, network troubleshooting, application support, and upgrade project implementation and deployment. An emphasis is placed on assisting in the monitoring and support of A&F's core software and hardware applications. This is a role demands building strong working relationships with all technical support teams.
- Preparing SLA report as per the contract agreement and submitting to the customer on monthly basis.
- Ensuring maximum uptime of ICT Components at ICCC, Police Control Room, NOC Room, Datacentre, Disaster Recovery and UPS Room.
- Performing schedule maintenance for the ICT components at Command Control Centre (ICCC and Police Control Room) as per the plan.
- Preventive maintenance to be carried out as scheduled for video wall at ICCC & Police control room.
- Preventive maintenance to be carried out as scheduled for HVAC and Split AC installed at ICCC, Police control room, NOC Room, Datacentre, UPS Room etc.
- Scheduling cleaning of false floor of ICCC, Police control room, NOC Room, Data centre on regular basis.
- Scheduling cleaning of all workstations, IP Phones, Joysticks, Operator tables, Operator chairs etc.
- Preparation of power point presentation on project during any VIP visit.

- Organizing meetings with sub-vendors, OEMs and with BEL managementthrough Video Conferencing at conference hall of ASCL.
- Attending regular meetings with ASCL officials such as CEO, Nodal Officer, CDO, SP City, SP Traffic and ANN.
- Monitoring the health of various ICT Components through Integrated building management system.
- Coordination with the help desk operators and ensuring closure of generated tickets without SLA breach.
- Coordination with the Data Centre team and installation of updates, patches, firmware updates, updating of antivirus.
- Monitoring and support of the store LAN/WAN.
- Monitoring and support of high-priority
- incidentsMonitoring and support of core applications.
- Monitoring and support of the wireless network, SAN and VOIP systems.
- Monitoring and incident management of Data centre, Storage Facilities, andDisaster Recovery Facilities.
- Analysing the technology environment.
- Analysing enterprise specifics.
- Analysing and documenting requirements.
- Supporting project management.
- Ensuring solution and operations reliability.
- Analysing and optimizing technical and business processes.
- Setup communication between stakeholders and engineers.
- Analyse and improve system performance.
- Provide technical support.
- Prepare presentation for the solution proposed and present to customer in person or through webinar.
- Perform site visit, client meetings as and when required.

Note: Submit the resume - info@thecartographer.in

Placement Cell
Ankit Gupta
Managing Director (MD)
Mobile No. +91 9407089804
E-mail: info@thecartographer.in

The Cartographer
Corporate Office: 135/1 Shankar Nagar colony,
Samneghat, Lanka, Varanasi - 221005
Website: www.thecartographer.in
GSTIN: 09AASFT3771D1ZR
PAN No: AASFT3771D