



U&M DEPARTMENT
TRANSPORT/GARAGE SECTION

QUOTATION NOTICE

CSL invites sealed tender from experienced hands for Supply, Installation and maintenance of Vehicle GPS tracking system for CSL hired vehicles

The bid shall be submitted in two parts:-

- Part A: - comprise the Pre-qualification –cum –Techno Commercial Bid
Part B: - comprise Price Bid

The quotations shall be submitted in two parts in separate sealed covers superscribed in capital letters as Part A –“PRE-QUALIFICATION-CUM-TECHNO COMMERCIAL BID” and Part B - “PRICE BID”. These two bids must be enclosed in another sealed cover superscribed with Quotation Number, Name and Address of the tenderer.

Bids shall be submitted on or before 13.30Hrs on 03.12.2021. Part A of the bid shall be opened at 14.00 Hrs on the same day. Date of price bid opening will be intimated to qualified tenders after evaluation.

PAC – Rs. 195000/-

A) **Scope of work**

Supply, installation and maintenance of Vehicle GPS tracking devices with customized software for CSL hired vehicle -qty 25 No(Approx.)

B) The system requires minimum following features

I. Advanced Software

The system shall have fast processing ability and with a hassle free environment. The software may provide specific User Login privileges to ensure the security of the system.

II. List View of vehicles

Total GPS connected Vehicles shall be visible on single window in live condition without any interruption.

III. Allocation of Vehicle No. and User to the GPS Devices

The Software shall allow the easy linking of Vehicle Number and User department to the GPS devices and Easy management of Devices on the software.

IV. Monitoring of vehicle via. Google Map

- a. The Live/real time monitoring of vehicles shall be viewed on the Map.
- b. Timeline of vehicles (map view of travelled route for a given period of time)



- c. Map may project the expected completion time for specified trips, idle timings at specific stations etc.
- d. History of Trip: Tracing the past route position, halt and other details of vehicle on map for a specified trip.

V. **Trip Summaries**

The following types of output shall be produced by the software by giving specific inputs.

- a. **Trip Summary by time for individual vehicle Trips:**
System shall give an output of distance Travelled in Kms when start and end times are given to the system for one vehicle at a time.
- b. **Collective Trip Summary by time for Group of Vehicle Trips:**
System shall give output of distances Travelled in Kms when a collective list of start and end times are given to the system for a group of vehicles(the uploading file type shall be in excel format). The output shall be generated preferably in Excel format. The Start and end location shall be given for each trip.
- c. **Performance Summary**
Month wise performance of vehicle with Device No. Period of travel, distance travelled, idle time, movement, starting location, finishing location etc.

c) Terms and conditions

1. The supply, installation, commissioning & maintenance for all hardware devices, software packages and systems to be done by the contractor.
2. The contractor should give necessary training to all concerned CSL staffs. The training to be conducted by subject matter experts and the venue will be inside CSL campus.
3. All the necessary documentation, training materials manuals & procedures and layout diagrams (if any) are to be handed over to the CSL team by the contractor
4. As the service is very essential and is critical in nature, the maintenance support for all issues related to the system to be made available 24x7 in all days in a week.
5. Any issues intimated to the support team should be attended within 2 hours from the time of intimation and should be resolved within 24hrs.
6. The contractor should keep minimum two numbers of standby items inside CSL free of cost for devices and accessories to meet any critical situations.
7. All the information and data generated and manipulated by the web application, mobile apps if any should be kept confidential and not to be disclosed to any third party under any circumstances. The exclusive right and ownership of the data rest with Cochin Shipyard Limited.



8. Software charges and SIM Data charges if any, to be mentioned in the quote.
9. Minimum one year replacement warranty to be given for all device for manufacturing defects. In case of technology variation or unavailability of device components, current device to be replaced by available device compatible with current device.
10. Duration of Data Backup of each device in server to be six months
11. Software and web application troubleshooting to be done by contractor itself by free of cost.
12. GPS software output data and actual within 96%.
13. The Bidder required minimum 3 year experience in supply, installation, and maintenance of GPS tracking system in Govt. / reputed firm. The minimum No of GPS supplied, operated and maintained is 50 No in single /two/three /order in reputed firm. Copy of work order to be submitted for proof with quotation in last four years.
14. Software to be customize according to CSL requirement to integrate into CSL SAP system free of cost.
15. The work should be carried out as per the instruction of the Engineer in charge deputed for the work.
16. The option to calculate km travelled by each vehicle between two specific time inputs to be given. Application program interface/ web service to be provided by agency for real time verification.

Officer in Charge

Name : SabuTK
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For Cochin Shipyard limited

ASSISTANT GENERAL MANAGER
U&M DEPARTMENT