

Mobile Transportation Solution for AAU Buses and Students

عطاء رقم (2023-2022/10)

Amman Arab University (AAU) seek to implement Mobile transportation solution for AAU Buses and students according to the following requirements:

Number	Feature
1-	Number of buses = 24 Bus
2-	Number of students = 4000 student
3-	Bus tracking application for students (mobile application), students must be able to see the bus on the Map and estimated time for arrival.
4-	Management application and dashboard to track and report all buses. Alerts and notifications capabilities must be available within the Management application.
5-	Mobile surveillance and management server software
6-	Mobile Digital Video Recorder (MDVR) with SSD 1 T
7-	Counting camera for students enter and leave the bus
8-	Surveillance camera for the students in the bus
9-	RFID reader to read the students identity and save it in the server
10-	Fuel sensor to read and send the fuel level
11-	Any needed license must be included; defined; and priced as (one time; or yearly)
12-	The system must support: 4G/ 5G, Wi-Fi
13-	Delivery time must be specified
14-	Integration with student information system (SIS) at AAU to get students information and to push bus usage reports for students and buses.
15-	Installation, configuration, testing, training, and documentation
16-	All needed accessories; wires; and requirements must be included without any extra cost at AAU
17-	Prices must include sales tax
18-	Warranty and support for 3 years
19-	Note: In case the solution needs server or VM then AAU will be responsible for securing it.
20-	The system and its mobile application must allow the tracking of buses and their rout for at least 2000 concurrent students without any delay (2 seconds refresh rate)