

**Request for information (RFI) about implementation of a technological system to perform predictive maintenance on the port cranes**  
**3031/BD/21**

Ashdod Port Company Ltd. (henceforth: **“the ordering party”** and/or **“the Port Company”**) is requesting, pursuant to Regulation 14a of the Mandatory Tenders Regulations, 5753-1993, to receive information from suppliers with knowledge and experience about implementation of predictive maintenance technologies on the port’s cranes (henceforth: **“predictive maintenance”**) based on the ability to monitor and identify problems in the crane systems, such as elevation systems, transport systems, etc., by measuring parameters such as shaking, temperature, noise, engine rotation speed, magnetic flux, etc. The system should be able to perform data analysis and to provide alerts on any changes or deviations according to preliminary analysis and characterization and machine learning tools. Based on the data analysis the system will be required to recommend required maintenance or further activity (henceforth: **“the request”** and/or **“RFI”**).

All of the above is in the framework of a preliminary process of entering into a contractual engagement through a public tender or another process of obtaining the aforementioned services, at the sole discretion of the Port Company.

Details of the Request appear on the internet site of APC at: [www.ashdodport.co.il](http://www.ashdodport.co.il)

**Responses must be submitted no later than April 22, 2021 at 12:00 IL.**