

EAPC - Ashkelon & Eilat Ports

Radar- Based Spill Detection System.

Request for Information (RFI)

General

1. Europe Asia Pipeline Company Ltd. (hereinafter "the Company" or "EAPC") operates two oil and petroleum product storage facilities, a transport system to refineries, and two marine terminals for loading and unloading tankers.
2. EAPC invites entrepreneurs, companies and other research institutes to submit proposals for solutions and ideas regarding computerized Spill Detection Radar at Ashkelon and Eilat ports.
3. Successful technologies may be integrated into EAPC, subject to the details outlined in this document.
4. Respondents are requested to present technologies for spill oil detection using Radars, addressing the following:

The monitoring will be carried out at the ports as follows:

Ashkelon port consisting of five offshore pipelines and coal jetty, details and locations as follows:

- Multi Berths No. 1 and No. 2 are positioned at 2.5 Km and 1.8 Km from the shoreline. Both berths are for loading and discharging oil products (berth No. 2 can accommodate vessels for discharging crude oils.)
- Berths No. 3 and No. 4 are SPM's, situated 3.2 Km. and 3.5 Km offshore respectively. Both berths are for discharging of crude oil (berth No. 4 can accommodate vessels also for Loading crude oils.)
- The LPG Multi berth is situated about 1 Km. from the shoreline.
- The head of Coal Jetty is situated 2.5 Km. from the shoreline (Bridge and Jetty).

See below diagram showing the port limit and berths locations

**Purpose of the RFI:**

The purpose of this RFI is to check and evaluate the capabilities and experience of the potential companies to supply an oil leaks detection system on the water surface using Radar.

EAPC is interested in receiving technical information related to system capabilities, limitations, preparation and performance.

EAPC Requirements:

- Respondents shall provide general system descriptions, including main components.

- Respondents shall describe the factors that affect the system alert time, and description if the alert time is dependent on minimum contaminated area, or the amount of oil spilled, or other factors or combination of.
- EAPC has a Radar X-band antenna "Furuno" located on top of Ashkelon's terminal control room distance from shoreline about 315m at the height of 22.2 meters above sea level, respondents shall advise if the above details are sufficient for their products, software, hardware etc. or amendment needed for Antenna type and/or its location. At Eilat there's No Radar Currently.
- Respondents shall provide detailed information about the system capabilities to detect oil spills on the water surface in all weather conditions and provide system alarm delays in relation to weather conditions (winds, currents and waves). As the detection time is very crucial in loading/ discharging pipelines, EAPC would like to know the minimum (threshold) period from spill to system alarm.
- The Respondent shall provide the extreme weather extremities and envelopes of conditions and/or sea condition that allows reliable detection.
- The respondent shall provide (if available) previous performance and test results conducted with various types of oils (crudes & products). The minimum amount of oil reliably detected by the system shall be indicated.
- Respondents shall be able to provide system capabilities from real live sites.
- Respondent shall provide minimum contaminated area detection.
- Respondents shall provide approvals for around-the clock surveillance systems with automatic spill detection, it should relate to high sensitivity and low false alarm rate.
- Responder shall provide any data related to the number of tracking targets for the radar – should support multiple targets.
- Respondents shall inform about the range of detection.
- Respondents shall provide the system requirements for maintenance.
- Respondents shall provide NMEA certificates for compliance to international environmental norms from international classification companies, or compliance to marine directives, or any relevant compliance to norms in a specific country.
- Respondents shall provide all the detection modes available, also the range of detection and the max range of the radar.

- Respondent shall provide any certificates for compliance to the Israeli ministry of communication and m.o.t.
- Respondent shall provide any certificates for having full support in Hebrew language and that he has a local distributor who is authorized by the manufacturer.
- Respondents may provide any other information to familiarize EAPC with the system.

Budgetary price

The respondent is required to provide approximate budget prices for the system divided to as follows:

- Radar.
- Set-up and commissioning.
- 3-year warranty for the equipment.
- Other applicable services. (Please fill into attached form #3).

Miscellaneous

1. To clarify, the purpose of the request for information is to gather information only. It does not constitute a tender or any other binding procedure, and it does not imply any commitment by the company to enter into a contractual agreement with any party and/or to publish a tender on the subject or to take any other action. Responding to this request does not grant any advantage to the respondent.
2. The company may, at its discretion, contact any of the respondents and/or other relevant parties to complete information, receive documents or clarifications, or other additional details needed by the company to evaluate and examine the proposal. It may also summon respondents, or some of them, to present the research and/or development and/or products subject to the request before the company.
3. The company will be entitled to use any information received from the respondents within the framework of this request for information, subject to the provisions of the Tenders Ordinance, 5753-1993, and the provisions of any law applicable to the company.
4. If the company chooses to contract with any of the respondents, this will be done in accordance with its internal procedures and in accordance with the provisions of any applicable law.

5. To clarify, it is understood that the mere submission of a response to this request for information will not grant any advantage to the respondent in the company's competitive processes.
6. Any changes or additions made to the documents of request for information by the respondent will not have legal validity and will not oblige the company.
7. The company will not be liable for any expenses, costs, or damages incurred by any party as a result of the publication of this request for information or the submission of a response to this request for information by the respondents.
8. The company may change the terms of this request for information from time to time at its sole discretion and may cancel this request for information or publish another request for information in any other field it deems appropriate.
9. Respondents are requested to submit the questionnaire and their response using the provided form.
1. For contact and questions, please contact shimonf@eapc.co.il or elim@eapc.co.il.
2. All the information requested above must be submitted by July 1, 2025, by 11:00 AM to shimonf@eapc.co.il or elim@eapc.co.il.

Evaluation Criteria

1. Suitability of the technology, and/or product to the company's needs in the relevant field and its business strategy.
2. Suitability of the technology, and/or product to the company's needs; its technological and economic feasibility; risks involved; complexity; and implementation challenges within the company.
3. Timetables for development and/or implementation of the technology/product.
4. Quality of the proposer and relevant parties, including reputation in the relevant field, infrastructure and resources, capabilities, and gaps.
5. Any other relevant criterion at the company's sole discretion.
6. The criteria described above will be examined, in whole or in part, at the company's discretion.

Supplements:

The following forms must be filled in in order to respond to the current RFI and should be submitted together with the other required information (Use separate sheets for each service):

Response Form #1 Potential company (Respondent) Information & contact Details:

| Item | Projects details | Please Insert all data in this column |
|------|---|---------------------------------------|
| 1 | Company Profile: Name, address, location (s), web page, number of years in the market, local Israeli agent? | |
| 2 | Main services | |
| 3 | Main market/customers | |
| 4 | Quality management assurance system(s) | |
| 5 | Scope of works that's listed in the RFI that can't be met in future bid | |
| 6 | Conditions that's listed in the RFI and can't be met | |

Response Form #2 – Potential company's (Respondent) experience and capabilities in similar projects from the last 5 years, (Use separate sheets for each Project):

| Item | Contract details | Please Insert all data in this column |
|------|------------------|---------------------------------------|
|------|------------------|---------------------------------------|

| | | |
|---|---------------------------------|--|
| 1 | System description | |
| 2 | Project location | |
| 3 | Project total Cost | |
| 4 | Customer contact person details | |

* Additional data may be provided if necessary

Response Form #3 – Preliminary Budgetary Estimation:

| Item | Engineering Activities | Price (USD) | Excluding |
|------|--|-------------|-----------|
| 1 | Radar System includes an operator interface. | | |
| 2 | Set-up and commissioning | | |
| 3 | Yearly maintenance | | |
| 4 | Other | | |