

RFI & RFD for electromagnetic safe and electrostatic safe - electric initiators

1. General:

- A. Israel National Police hereby requests information regarding COTS electric initiators.
- B. The RFI/RFD processes are not to be seen as a process of supplier selection. Furthermore, this request and participation in the RFD examination should not be considered as an obligation of the Israel Police in any domain, including the publication of a tender and/or any of the future actions regarding this procedure or any future procurement.
- C. An organization / company / person responding to the request for information and demonstration, hereby declares and confirms, they waive any and all claim and/or demand from the Israel Police, in case of damages and/or expenses in result to responding to this RFI/RFD process.
- D. The respondent will include the maximal information possible regarding the particulars in the request.
- E. The Israel National Police will not bear any expense or payment upon decision to postpone or cancel or any other decision regarding this project.

2. Purpose:

Receive information on electric initiators regarding mechanical and electrical characteristics.

3. Method:

- A. Publish request for information.
- B. Receive RFI responses.
- C. Analyze the RFI responses and decide on the items to be presented at RFD process.
- D. Inform the relevant RFI responders as to their participation in the RFD process to examine apparently suitable initiators.
- E. Request to companies that passed the RFD to supply examples for further testing.
- F. Executing impression tests on chosen initiators (RFD).
- G. Summary impression findings.
- H. The Israel National Police is not obligated to advance from RFI to RFD. The INP will advance to RFD according to needs and considerations.

4. Emphasis:

- A. The RFI and/or RFD responder must fulfill all the requirements and conditions as detailed in this request.
- B. The INP reserves the right to hold any clarification meetings or reject the response according to its considerations.

- C. After examining the information and impressions, the INP will use the findings as he sees fit, including writing specifications, or any requirement or other document.

5. Initiator types information request:

- A. Electric detonators.
- B. 0.5" electric cartridge.
- C. 12 gauge electric shotgun ammunition.

6. RFI response requirements.

The responder will attach the following details and documents:

- A. Technical specifications/ performances of the proposed initiator including:
 - 1) Schematic drawing of the initiator and all parts.
 - 2) Electrical details, such as: no fire current, all fire current, required fire energy, etc.
 - 3) Weights and dimensions.
 - 4) Explosives amount.
 - 5) Durability to electromagnetic and electrostatic currents.
 - 6) Shotgun ammunition – detail types of ammunition.
 - B. Description and documentation of all technical and safety tests applied to the initiator, location of tests and name of laboratory, dates and copies of original reports.
 - C. Manufacture profile and description of experience.
 - D. Details of LE/Security forces using the initiator from the proposed manufacturer.
 - E. Supplier/ bidder details: company name, PHC, number of employees and experience.
 - F. Sole supplier or not – including manufacturers declaration.
 - G. Supplier with a criminal record will not be allowed to participate in these proceedings.
7. Information and POC to be sent not after 16 December 2014 to police.rfi1@gmail.com and ensure receipt by phone +972 506274218, the INP representative will coordinate supplied items.
8. The information should be organized precisely if need add a short summary or references to attached documents.

9. RFI response examination and invitation for suppliers/ manufactures to RFD:

- A. At first the responses to the RFI will be examined according to submitted details and documents. The examination will be held by a professional team at INP including representatives of the BDD R&D section and/ or external consultants.
- B. The INP representative will inform (by writing) the relevant responders that supplied the necessary information and can provide relevant products (see 6A). The message will detail the specific initiators the INP is interested in viewing for impression.
- C. The INP will be permitted to confirm by methods in its authority, that responders and responding parties do not hold criminal records. Supplier/ responder with a criminal record will not be allowed to participate in these proceedings.
- D. INP representatives will be allowed to coordinate with the supplier/ manufacturer a visit to the company plant and demand the following documents and details:
 - 1) Manufacturing processes including quality assurance standard ISO 9002.
 - 2) Product portfolio.
 - 3) Client portfolio.
 - 4) General impression.
 - 5) Technical, performance and safety examinations.

10. Requirements for attendees to the RFD:

- A. INP will order on its expense until the total of 3000 Israeli Shekels, initiators from the relevant responders according to paragraph 6, for impression examinations.
- B. INP will be permitted to order and purchase on its expense, additional initiators for further examinations by need.

11. Impression examinations:

- A. Examining the suitability of the initiator to INP equipment in use.
- B. Field experimentation for operation with INP equipment.
- C. Conduct external laboratory tests for electromagnetic and electrostatic standards:
 - 1) Durability to electrostatic by: mil-std-1512 method 205.
 - 2) Maximal no fire by Bruceton method.

12. Final examination findings and summary will be disseminated within INP only.

Written by: INP Bomb Disposal Division/ R&D Section/ Superintendent Avner Veller