



**The State of Israel – Ministry of Public Security
National Fire And Rescue Authority**

**REQUEST FOR INFORMATION
(RFI) AND REQUEST FOR
DETERMINATION (RFD)
FOR TURNOUT PROTECTIVE
CLOTHING FOR FIREFIGHTERS
NO. 6/2017**

Date Concentration Table

Date	The Activity
5/02/2017	Publishing The Notice In The Press And On The Internet
16/02/2017	12:00, Last Date To Receive Clarification Questions From The Respondents
22/02/2017	14:00, Last Date To Publish The Ministry's Response To The Clarification Questions
05/03/2017	12:00 Noon Exactly, Last Date To Submit Response

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גרסה זו לבקשת קבלת מידע בשפה האנגלית הינה לצורכי נוחות ובלבד.

בכל מקרה של סתירה בין הגרסה העברית לאנגלית תגבר הגרסה בשפה העברית.



1. General

- 1.1. The Ministry of Public Security's National Fire And Rescue Authority (Hereinafter: "The Authority"), is hereby addressing a request for information and samples of turnout protective clothing items for firefighters [Hereinafter: "The Goods"], as detailed below, and invites the Respondents to submit a response to the request for information [Hereinafter: "The Response"].
- 1.2. Companies whose goods meet the goods characterization below are invited to respond to the request for information (RFI).
- 1.3. This address is not an invitation to treat and is not part of a public tender procedure, therefore it does not create a commitment toward any of those responding to it. The address is intended solely to receive information, following which the Authority will consider its course of action in accordance with professional and material considerations.
- 1.4. This address is directed at women and men alike.
- 1.5. The company will not be entitled to any compensation or indemnification for expenses and/or damages it sustains in connection with this response in the RFI and/or RFD process.
- 1.6. For this request the Respondent may present a number of different products [Hereinafter: "The Options"].

In the event the Respondent chooses to do so, the Respondent will provide for each one of the options it proposes the documents required in this request separately.
- 1.7. There is no obligation to respond to all the items mentioned in Section 6 below, i.e. a response may be given for one item or a number of items from the basket of items subject matter of this request.

2. The Purpose Of Publishing The Request

- 2.1. To allow the Authority to form an opinion regarding the turnout protective clothing and innovative technologies in this field and this in order to limit the gaps in know-how and information existing with the Authority in the personal protective clothing for firefighters field.
- 2.2. The Authority requests to receive initial information regarding the requested goods from the to review the capabilities existing in the market today.
- 2.3. The information within the framework of this request may serve the Authority for the purpose of formulating a position regarding the requested goods and for the



purpose of examining the possibility of publishing a public tender regarding the matter if and insofar as applicable.

3. The Method

- 3.1. First Stage: Publishing of the request for information and examples (RFI).
- 3.2. Second Stage: Receipt of responses to request for information and examples.
- 3.3. Third Stage: Analysis of the RFI responses, testing the examples received under field conditions (penetrating a burning building full of smoke drill).
- 3.4. Fourth Stage: Notifying the relevant RFI participants in respect of a request for further information or clarifications.
- 3.5. Fifth Stage: Returning samples to companies.

It is hereby clarified that the samples will be returned in a used and/or torn and/or improper condition.

4. Special Emphasizes

- 4.1. The response to the RFI and/or the RFD must satisfy all the requirements and terms as detailed in this request.
- 4.2. The Authority reserves its right to hold clarification meetings with the company and/or to defer the response, all of its exclusive discretion.
- 4.3. **After reviewing the information and formulating an impression, the Authority will do as it deems fit with the information including but not limited to use thereof for the purpose of authoring specifications, public tender or requirements document and/or any other use.**

5. Reserving Rights

- 5.1. The Authority reserves the right to hold a meeting to which the Respondents who took part in this stage of the request for information or any one of them will be invited, of the Authority's exclusive discretion.
- 5.2. It is hereby clarified that this version of the RFI in the English language is only for convenience for foreign companies and that the only version that will contract the Israeli fire services is the Hebrew version of the RFI.
- 5.3. It is clarified that this request is solely for the purpose of receiving information, as a pre-public tender stage of formulating a position.
- 5.4. This process, including but not limited to submitting a response within the framework hereof, does not constitute an undertaking on the Authority's behalf or



constitute a basis to an engagement of any type between the Authority and the Respondent, nor does it grant any entity a right and/or expectation and/or protectable interest of any type.

- 5.5. Without derogating from the generality of the provisions above, it is clarified that the Authority reserves full discretion in determining the future public tender conditions if and when applicable, the engagement method, contract terms, pricing and any other matter relating to the process.
- 5.6. Without derogating from the generality of the provisions above, it is clarified that any of the details mentioned in this request is subject to change pursuant to the Authority's exclusive discretion and is not binding upon the Authority in any manner.
- 5.7. It is hereby clarified that this request does not constitute a public tender or invitation to treat, but rather an preliminary request for information pursuant to the provisions in Regulation 14 A of the Public Tenders Duty Regulations, 5753 - 1993 and the regulations enacted [Hereinafter: "The Regulations"].
- 5.8. All the expenses associated with submitting a response will apply solely to the Respondent and under no circumstances will the Respondent be entitled to a refund and/or any compensation and/or indemnification for expenses and/or damages it sustains in connection with a response and/or preparing the response and submission thereof.
- 5.9. The Authority is not liable for any clarification, meaning and/or explanation given verbally to participants following this request for information and the entity remitting information will not be entitled to rely upon them.
- 5.10. The Authority may make any use of information remitted in the response to this request and the Respondent will not have any arguments relating to copyrights or any other right.
- 5.11. The Respondents will be estopped from raising any argument or demand or claim pertaining to rights associated with and/or deriving from their answer to this request or from the material or information attached to the request (including but not limited to use thereof) against the Authority or whoever it forwards the information that is received to.

6. Characterization Of The Goods

Below the basic features will be detailed which the Authority will consider including within the framework of a future public tender if and insofar as applicable. The Respondents will be required, within the framework of the response, to address the



existence of a response within the framework of the RFI, fully or partially, and all subject to the Authority's requirements. Each Respondent may include additional capabilities that are not mentioned in this document.

Below is a list of the basic features that the goods must meet:

6.1. **Turnout Gear - Fire Jacket & Pants.**

- 6.1.1. Turnout suits that comply with Standard EN-469 Level 2, the Respondent may show suits with and without moisture barriers.
- 6.1.2. The material of the outer shell of the suit must have the ability to withstand "flesh over" conditions without the material breaking and/or falling apart following exposure to extreme heat energy / contact with flames.
- 6.1.3. The composition of the outer shell material and the composition of the thermal liners material and composition of the moisture barriers material, if applicable to the suit, must meet the EN-469 Standard requirements.
- 6.1.4. The Authority is requesting information and samples for suits where the composition of the materials and barriers allow for fast evaporation of fluids and heat from the firefighter's body and this to prevent trapped energy burns and overheating.
- 6.1.5. The suits must be highly flexible and be as lightweight as possible.
- 6.1.6. The RFI requirements for the turnout protective suits from the Respondent.

The Respondent will attach to its response the following data, samples and documents:

- 6.1.6.1. Samples of medium and large sizes turnout suit.
- 6.1.6.2. HTI and RHTI test results of the overall composition of the suit and resistance to smoke and water vapor results $\leq 30 \text{ m}^2\text{Pa/W}$) .RET
- 6.1.6.3. The RET test results for suit composition.
- 6.1.6.4. Products Sheet (Catalog) of Manufacturer.
- 6.1.7. For the outer shell of the suit:
 - 6.1.7.1. A sample of a size of approximately 15x15 cm of the material or materials serving as the outer shell of the suit.
 - 6.1.7.2. Data sheet including at least the following data:



- 6.1.7.2.1. The composition of the material (state the commercial name) in percentages (for example: 70% NOMEX® 30% KEVLER®).
- 6.1.7.2.2. Weight of the material per square meter.
- 6.1.7.2.3. Color options.
- 6.1.8. For The Thermal Liners:
 - 6.1.8.1. A sample of a size of approximately 15x15 cm of the material or materials serving as the thermal liners.
 - 6.1.8.2. Data sheet including at least the following data:
 - 6.1.8.2.1. The composition of the material (state the commercial name) in percentages (for example: 70% NOMEX® 30% KEVLER®).
 - 6.1.8.2.2. The TPP and THL test results of the barrier.
- 6.1.9. For The Moisture Barriers - if applicable to the proposed suit.
 - 6.1.9.1. A sample of a size of approximately 15x15 cm of the material or materials serving as the moisture barriers.
 - 6.1.9.2. Data sheet including at least the following data:
 - 6.1.9.2.1. The composition of the outer shell of the barrier (state the commercial name) in percentages (for example: 70% NOMEX® 30% KEVLER®).
 - 6.1.9.2.2. The composition of the middle layer of the barrier (state the commercial name) in percentages (for example: 70% NOMEX® 30% KEVLER®).
 - 6.1.9.2.3. The composition of the body-side layer (state the commercial name) in percentages (for example: 70% NOMEX® 30% KEVLER®).
- 6.1.10. The Authority is requesting samples and technical data sheets for reflective materials to be added to the suit.
- 6.1.11. Attach a data sheet containing the various options, configurations and the compositions of the trims and reflective materials allowing for enhanced visibility that are sown or printed on the outer shell of the suit.
- 6.1.12. Information regarding reinforcement materials serving to reinforce areas exposed to enhanced wear and tear such as: knees, and trims of the protective suit pants (the materials must comply with the requirements in EN 469).



6.1.13. Information whether it is possible to add a thermal padding to the protective suit pants and/or a moisture padding in the knee area.

6.2. Station Uniform/ Wear.

6.2.1. The protective clothing suit (Station Uniform) complying with EN-11612 (A1, B1, C1) Standard.

6.2.2. The suit must be highly flexible, ability to evaporate high body heat and to suit the Mediterranean climate.

6.2.3. The suit must have anti-static qualities in accordance with Standard EN-1149.

6.2.4. The suit must include reflective trims on the pants and on the coat.

6.2.5. Demands from the Respondent of the RFI for the station uniform/ wear.
The Respondent will attach to its response the following data, samples and documents:

6.2.5.1. Samples of the suit in sizes Medium and Large.

6.2.5.2. Products Sheet (Catalog) of Manufacturer.

6.2.5.3. Data sheet including at least the following data:

6.2.5.3.1. Information regarding the materials composition from which the suit is made.

6.2.5.3.2. The suit must be protected against heat radiation (state the name of the test, for example ISO 9151).

6.2.5.3.3. The suit must be protected against contact with a hot surface (state the name of the test, for example ISO 12127).

6.2.5.3.4. Optional colors for suit.

6.2.5.3.5. Optional configuration and colors of reflective trims on the suit.

6.3. Multi-Purpose Protective Helmet (Firefighter Helmet).

6.3.1. Protective helmet will comply with the requirements in the following Standards:

6.3.1.1. EN-16471 – 2014.

6.3.1.2. EN-16473 – 2014.

6.3.1.3. EN-12492 – 2012.



- 6.3.2. The helmet will allow for integrated protective goggles, the protective goggles will withstand the requirements in Standard EN-14458 - 2004 for rescue and forest firefighting missions.
- 6.3.3. Demands from the Respondent of the RFI for the multipurpose protective helmet.
 - 6.3.3.1. Sample of multi-purpose Protective Helmet.
 - 6.3.3.2. Products Sheet (Catalog) of Manufacturer.
 - 6.3.3.3. Data sheet including at least the following data:
 - 6.3.3.3.1. Ergonomic data of the helmet.
 - 6.3.3.3.2. The materials from which the helmet is made.
 - 6.3.3.3.3. Weight.
 - 6.3.3.3.4. List of standards and tests that the helmet meets.
 - 6.3.3.3.5. Optional Colors.
 - 6.3.3.3.6. Additional accessories that the Manufacturer suggests to use with the helmet - attach an information page and sample for each suggested accessory.

6.4. **Structural Helmet**

- 6.4.1. The structural helmet will meet the EN-443 standard requirements.
- 6.4.2. The helmet includes means (goggles) to protect the eyes, if applicable - reflective goggles for heat radiation is to be included in the sample.
- 6.4.3. Demands from the Respondent of the RFI for the firefighters helmet.
 - 6.4.3.1. Sample of the firefighters helmet.
 - 6.4.3.2. Products Sheet (Catalog) of Manufacturer.
 - 6.4.3.3. Data sheet including at least the following data:
 - 6.4.3.3.1. Ergonomic data of the helmet.
 - 6.4.3.3.2. The materials from which the helmet is made.
 - 6.4.3.3.3. Weight.
 - 6.4.3.3.4. List of standards and tests that the helmet meets.
 - 6.4.3.3.5. Optional Colors.

6.5. **Protective Hood (Hood).**

- 6.5.1. The hood will comply with Standard EN-13911.
- 6.5.2. The hood will be able to be worn while using a Self-Contain Breathing Apparatuses (SCBA) and also while wearing the firefighters helmet.



- 6.5.3. Demands from the Respondent of the RFI for the protective hood.
 - 6.5.3.1. A sample protective hood.
 - 6.5.3.2. Products Sheet (Catalog) of Manufacturer.
 - 6.5.3.3. Data sheet including at least the following data:
 - 6.5.3.3.1. The materials/ fabric from which the protective hood is made.
 - 6.5.3.3.2. List of standards and tests that the hood complies with.

6.6. Firefighters gloves for urban fires (Structural Fire Glove).

- 6.6.1. The gloves will comply with the requirements in Standard EN-659 -2008.
- 6.6.2. The gloves will be made from organic and/or synthetic materials (leather and/or KEVLER®).
- 6.6.3. The gloves will be as flexible as possible.
- 6.6.4. The gloves will be durable insofar as possible against wear and tear.
- 6.6.5. Demands from the Respondent of the RFI for the firefighters gloves for urban fires.
 - 6.6.5.1. Sample of the firefighter gloves for urban fires, large size.
 - 6.6.5.2. Products Sheet (Catalog) of Manufacturer.
 - 6.6.5.3. Data sheet including at least the following data:
 - 6.6.5.3.1. The materials/ fabric from which the gloves are made.
 - 6.6.5.3.2. Results of the EN 420 test for flexibility of the glove.
 - 6.6.5.3.3. Results of the EN 388 test for wear and tear data.
 - 6.6.5.3.4. Name (commercial name) of the thermal lining.
 - 6.6.5.3.5. List of standards and tests that the glove complies with.
 - 6.6.5.3.6. The Manufacturer's experience in manufacturing the glove model.
 - 6.6.5.3.7. Recommendations from the firefighting Authorities overseas who have used the gloves.
 - 6.6.5.3.8. List of optional sizes that the gloves can be ordered in.

6.7. Firefighters Boots (Bunker Boots)

- 6.7.1. The boots will comply with Standard EN-15090 –HI2/HI3.
- 6.7.2. The boots will be certified to show compliance with the SRC test.
- 6.7.3. The boots will be made from fire-resistant leather and waterproof and in any event not a rubber boot.



- 6.7.4. The protective toe and sole will be made from complex materials and in any event not steel.
- 6.7.5. The boots will be as flexible as possible.
- 6.7.6. One can show firefighters shoes instead of boots for urban fires and/or full boots (slip on/ pull up's).
- 6.7.7. Demands from the Respondent of the RFI for the firefighters boots.
 - 6.7.7.1. Sample of the Firefighters boots, size 45.
 - 6.7.7.2. Products Sheet (Catalog) of Manufacturer.
 - 6.7.7.3. Data sheet including at least the following data:
 - 6.7.7.3.1. The materials/ fabric from which the boots are made.
 - 6.7.7.3.2. Imaging chart presenting the boot with the names of the parts from which the boot is comprised and the materials from which the parts are made.
 - 6.7.7.3.3. List of standards and tests that the boot complies with.

6.8. **Rain And Storm Suit**

- 6.8.1. The rain suit will comply with the requirements in the following Standards:
 - 6.8.1.1. EN ISO 13688.
 - 6.8.1.2. EN 343
 - 6.8.1.3. EN 14116
 - 6.8.1.4. EN 1149-5
 - 6.8.1.5. EN ISO 20471
 - 6.8.1.6. IEC 61482-2 class 2
- 6.8.2. The materials/ reflective trims of the suit will comply with the requirements in Standard EN 471 CLASS 3.
- 6.8.3. The suit will be made from materials/ fabrics allowing for evaporation of body heat.
- 6.8.4. Demands from the Respondent of the RFI for the firefighters boots.
 - 6.8.4.1. Sample of a rain and storm suit, large size.
 - 6.8.4.2. Products Sheet (Catalog) of Manufacturer.
 - 6.8.4.3. Data sheet including at least the following data:
 - 6.8.4.3.1. The materials/ fabric from which the boots are made.
 - 6.8.4.3.2. Imaging chart presenting the boot with the names of the parts from which the boot is comprised and the materials from which the parts are made.



- 6.8.4.3.3. List of standards and tests that the hood complies with.
- 6.8.4.3.4. Optional configuration and colors of reflective trims on the suit.

6.9. **Forest Fire Protection Shelter (Fire Shelter)**

- 6.9.1. Fire shelter against forest fires will comply with the requirements in the following standards:
 - 6.9.1.1. EN ISO 6942.
 - 6.9.1.2. EN ISO 9151.
- 6.9.2. The fire shelter will be lightweight insofar as possible.
- 6.9.3. Demands from the Respondent of the RFI for the fire shelter against forest fires.
 - 6.9.3.1. Sample of a fire shelter against forest fires.
 - 6.9.3.2. Products Sheet (Catalog) of Manufacturer.
 - 6.9.3.3. Data Sheet of shelter Manufacturer.

7. **Submitting Samples**

- 7.1. A Respondent intending to provide the Ordering Entity with samples of items mentioned above in Section Number 6 and this for the Authority to execute a field study in a fire environment including but not limited to drilling penetration into a burning building, will operate as detailed below:
 - 7.1.1. The Respondent will provide samples in accordance with the provisions in Section Number 9 taking note of the size requirements for each item.
 - 7.1.2. The Respondent will provide samples having regard to the size required for every item in accordance with Section Number 6.
 - 7.1.3. The samples will be displayed in the Manufacturer's packaging and the packaging will state the Respondent's company name in addition to the Manufacturer's instructions for use for the item.
- 7.2. The Respondent must state in **Appendix A - list of samples**, the samples it submitted within the framework of this request.
- 7.3. The original instructions will be attached to each sample, on the Manufacturer's behalf to treat and maintain the requisite products. The instructions will be in the Hebrew or English language.
- 7.4. It is hereby clarified that it is possible that the samples will be returned to the Bidders after use and/or no intact, and this in light of performing the operational test in a smoke saturated fire environment.



- 7.4.1. It is hereby clarified that all the expenses associated with submitting the samples will apply solely to the Bidder, and under no circumstances will the Bidder be entitled to a refund and/or any compensation and/or indemnification for expenses and/or damages it sustains in connection with a response and/or preparing the response and/or damages the samples sustained that were made available to the Authority to performed the field study.
- 7.5. The samples must be submitted by one week from the date of sending a request by the Authority's representative, the National Fire And Rescue Authority, Rehavam Ze'evi Boulevard (corner of Maryland st.) Rishon Le Zion.
- 7.6. The transfer of the samples is to be coordinated in writing to the following email address: yakovlo@102.gov.il .

8. Clarification Questions

- 8.1. The Authority's representative in charge of this request is Mr. Shaul Or to whom any questions and clarifications that are necessary will be sent in writing via electronic mail in a WORD file only to the following email address: shaulo@102.gov.il
- 8.2. Inquiries can be made up to 16/02/2017. Any inquiry received after that date will not receive a response.
- 8.3. Any clarification and/or change and/or update and/or addition made by the Authority in connection with this request, at its initiative and/or in response to questions by participants of the request for information will be part of the acceptance documents to receive information.
- 8.4. A response to the clarification questions will be published on the National Fire And Rescue Authority's website www.102.gov.il . For the sake of removing any doubt, a response to clarification questions will not be sent to Vendors and will only be published on the website in the aforementioned link.
- 8.5. The Vendor is responsible to verify a response to the clarification questions as published from time to time.
- 8.6. Publishing clarifications on the website will be considered for all senses and purposes as having brought the clarifications to the knowledge of each one of the Respondents.



9. Manner To Submit The Bid And The Documents That Are To Be Attached To The Bid

- 9.1. The response to the request will be submitted in a sealed envelope upon which the Respondent will state "Request For Information no. 6/2017 , turnout protective clothing for firefighters" to the public tenders box at the National Fire And Rescue Authority's commissioner, Floor Number 3, Rehavam Ze'evi Boulevard (corner of Maryland st.) Rishon Le Zion by 05/03/2017 at 12:00 precisely. The response to all the included documents is to be submitted in two copies, the first in writing, and the second, a scanned copy on digital media on a cd or disc-on-key.
- 9.2. Responses are not to be submitted jointly with others, i.e. one bid is submitted by two or more Respondents jointly.
- 9.3. Each page of each one of the request documents will bear the Bidder's signature.
- 9.4. The response will be submitted in the Hebrew language and/or English only.
- 9.5. The attachments, including but not limited to the standards approvals (insofar as the Respondent chooses to attach them), laboratories approvals and such like will be prepared in the English or Hebrew languages only.

10. General

- 10.1. The Authority may at any time defer the last date to submit the response or to submit clarification questions or publish a response thereto, and to change instructions and conditions with regard to this proceeding, all according to its absolute discretion.
- 10.2. The Authority may conduct demonstration meetings any or all of the Bidders, in accordance with its absolute discretion. Representatives of the protective clothing committee or any other representative pursuant to the Authority's discretion will be invited to the meetings. Within the framework of the meetings each Respondent will be required to answer questions and to show its ability to provide the goods in the future public tender, if and when it is held.
- 10.3. The Bidder's attention is drawn to Section 7 above, and in accordance thereto it is clarified that no financial data, including but not limited to copies or photocopies of the pecuniary bid form or any part thereof or any pricing reference for the goods subject matter of this request must not be included. The Authority may disqualify from the outset a Respondent who does not comply with the provisions in this subsection completely.



Sincerely,

Senior Fireman Shimon Ben Ner

Deputy Commissioner Fire and Rescue and Chairman of the Public Tenders Committee

The Affiant's Name	Date	Company's Signature and Stamp	Private Company
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I hereby declare and confirm by my signature that I am authorized to sign the request for information on behalf of the Respondent.

Likewise I hereby confirm by my signature that the , Respondent undertakes to remit full and current information according to the best of the knowledge of the person remitting the information



**Form response to a request for information (RFI) and request for
determination (RFD) for turnout protective clothing for firefighters
no. 6/2017**

**1. General Details About The Submitting Company And The Contact Person On
Its Behalf**

The Respondent's Name	
Form Of Incorporation	
Identification Number	
Place Of Registration	
Contact Person	
Address	
Telephone No.	
Fax	
E-Mail	

2. Professional Details In Relation To The Respondent

Primary Expertise		
Professional Certifications And Licenses		
Quality Standards Certifications		



3. Additional Details In Relation To The Respondent's Representative Or Branch In Israel If It Is Not An Israeli Entity

Branch / Representative In Israel	<input type="checkbox"/> <u>Exists</u>	<input type="checkbox"/> <u>The Respondent Intends On Establishing</u>
The Branch/ Representative's Name		
Form Of Incorporation (Insofar As Relevant)		
Identification Number		
Contact Person		
Address		
Telephone No.		
Fax		
E-Mail		
Is The Representative Authorized	<input type="checkbox"/> <u>Yes</u>	<input type="checkbox"/> <u>No</u>
Is It The Only Representative / Branch	<input type="checkbox"/> <u>Yes</u>	<input type="checkbox"/> <u>No</u>
Which Actions Is It Entitled To Perform On The Respondent's Behalf		
Commencing From What Year Has It Served As Representative/ When Was The Branch Established		



Appendix A – List of Samples

Serial No.	Type Of Item¹	The Name Of The Model	Name Of The Manufacturer	Manufacturing Country
1.				
2.				
3.				
4.				
5.				
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10.				
11.				
12.				
13.				
14.				
15.				

¹Turnout suit/ firefighters helmet/ structural firefighter gloves etc.