

The Procurement and Logistics Unit

April 20, 2017

Request for information (RFI)

MMO Anodes

Introduction

1. MEKOROT WATER COMPANY LTD - The National Water Company of Israel (hereinafter MEKOROT) is issuing this Request For Information (hereinafter RFI) on MMO anodes.
2. MMO anode is a mixed metal oxide tubular anode which can be supplied with different sizes and amps per tube.
3. MMO anodes are installed as ground bed in impressed current cathodic protection (ICCP) system on underground steel infrastructures such as pipelines.
4. MMO anodes are used for deep, shallow, horizontal anode beds, offshore and other cathodic protection applications.
5. About 80 MMO anodes on average are installed by MEKOROT every year.

Purpose

1. This Request For Information (RFI) is an acceptable procedure of collecting information, for the purpose of studying, comparing and evaluating existing and proposed technologies.
2. MEKOROT is interested in receiving information from any source regarding potential manufacturers and/or suppliers and production technologies of MMO anodes.
3. This RFI will be used for the purpose of preparing, if MEKOROT so decides, an RFP (request for proposal) or tender for the acquisition of MMO anodes.
4. For the avoidance of doubt, this RFI is not, by any means, a formal solicitation or an undertaking to tender or negotiate in any way. It is hereby declared that this RFI will not create any obligation and/or liability from MEKOROT side to the participant.

Required Information

1. Description of the participant consisting type of incorporation, location of facilities, activities, products and etc.
2. Description of the production technology of MMO anodes.
3. Description of quality tests of MMO anodes.
4. Knowledge and proven experience in production of MMO anodes including projects' names and technical data (type of MMO anodes, sizes, Amps etc).

5. Technical specification consisting the installation thechnlogy of MMO anodes for ICCP system on underground infrastructures.
6. Local represntive or agent in Israel for purchaseing and supporting of MMO anodes (if exists).
7. Longest warranty for installed and operated anode according to anode's instructions.
8. Any other details, remarks, special problems, suggestions etc. which are considered relevant by the participant.

Thecnical Requirements

1. Anode's components: dimensionally stable and abrasion resistant mixed metal oxide anode, cable to anode connection and cable.
2. Anode: tubular high powered activated titanium anode made of mixed metal oxide ceramic coating in combination with dutile titanium substrate.
3. Cable to anode connection: ultra low electrical connection resistance by using arc-plasma spray proccesing. Moisture proff corrosion resistance connection. Electrical connection resistance: <100 micro ohms.
4. Cable: Standard KYNAR/HMWPE or HALAR/HMWPE or dual extruded Cable.
5. Range of amps for each anode: 0.5-15 amps. Current requirement in MEKOROT for anode bed is up to 100 amps.
6. Design life of anode: 20 years.
7. Use for deep, shallow, horizontal anode beds.

Adminastretive Information

1. Information is to be provided by all concerned on a voluntarily basis and with the understanding that this RFI is for information gathering purposes only and is not a formal solicitation.
2. All costs and expenses associated with the preperation and submission of the response to this RFI shall be borne by the participants only. In no event, shall participants be entitled to any refund or monetary compensation in connection with their participation in this RFI.
3. MEKOROT reserves the right to introduce modifications and/or changes to this RFI, including the date of submission.
4. MEKOROT will be entitled to refer specifically to one or more participants for further information by means of request for clarification.
5. Although this RFI may result in an RFP (Request for Proposal) it does not in itself constitute an invitation to negotiate or an offer to contract of any kind. For the avoidance of doubt, it is hereby clarified that this RFI should not to be considered a commitment to publish a tender or to purchase the MMO anodes.

6. If MEKOROT decides to publish a tender in the future, the information obtained within this RFI will not be considered as a part of the bids submitted, unless this information is re-submitted (in whole or in part), within the tender bid proposal itself.
7. For the avoidance of any doubt, participation in the RFI is not a prerequisite for the participation in a future RFP or negotiations, if made, and MEKOROT reserves the right to inspect MMO anodes that has not been submitted during the RFI stage. Participation in the RFI shall not give any advantage in a future RFP process or negotiations, if made.
8. Whilst this RFI has been prepared with due care, any information contained herein is indicative only and it is provided in good faith for the guidance of the participants. No representation, warranty or undertaking, expressed or implied, is or will be made, and MEKOROT has no and shall not have responsibility or liability as to, or in relation to, the accuracy or completeness of this RFI, and any such responsibility or liability is hereby expressly disclaimed.
9. In submitting a response, the participant acknowledges and permits MEKOROT to make use of the information received, at its sole discretion, without consideration, for the purposes of evaluation and for the preparation or forming of a any subsequent RFP or contract, and the participant shall have no claim or demand regarding the use of the information received. MEKOROT may transfer the information to its consultants and to every person entitled by law to receive it. The participant shall **explicitly note and mark** any kind of data or information for which the participant has copyright or any other intellectual property right and MEKOROT shall treat it as such.
10. This RFI is and shall remain the full property of MEKOROT. It may be used for the purpose of preparing a Response to the RFI.
11. It is hereby clarified that by submitting a response to this RFI, the participant confirms that he agrees to all the terms of this RFI.

Submitt Procedure

1. The requested information shall be submitted by Email not later than on **May 27, 2017** at 12:00pm, to the following Email adress: **AuctionsMailbox20@MEKOROT.CO.IL**.

Due to mailbox size limitations, the participants are kindly asked to send emails that do not exceed a size of 4 MB (not including) each, it is recommended to split large files and send in separate emails

Communication & Clarifications

1. For further questions, inquiries or clarifications on this issue, please contact by email to Mrs. Galia Sternhell: gsternhell@MEKOROT.CO.IL.
2. MEKOROT may not address the questions at its sole discretion.

Galia Sternhell
Cathodic Protection Engineer
Engineering service unit.
Mekorot