



HELAMIN® *Innovative Corrosion & Scale Inhibitors*
Pioneer in Polyamines Filming Technology

HELAMIN TECHNOLOGY HOLDING SA

Chemin du Pavillon 5
1218 Le Grand-Saconnex – Switzerland
Tel : +41 22 700 64 30 (General)
Tel : +41 22 555 70 10 (Sales)
E-mail : sales@helamin.com
www.helamin.com

THERMOELECTRICA SA
Str T. Vladimirescu 6
2024 Chisinau
MOLDOVA

Subject: Tender Ref. 24962000-5

Dear Madam.
Dear Sir,

We came to know about the specifications of the above-mentioned tender for **6000 Kg of corrosion inhibitors**, based on filming amines & neutralising amines, to be released within December 2024.

This is to confirm that we are certainly interested in participating in this tender, Helamin being the pioneer and worldwide reference for such technology since more than 30 years.

However we would like to draw your attention on the following remarks:

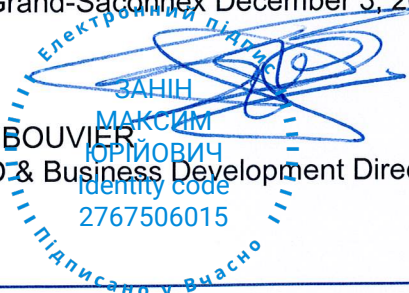
1. It is not necessary to combine CHA (Cyclohexylamine) and DEAE (Diethylaminoethanol) as these 2 products are volatile neutralising amines to treat the vapor phase that are almost interchangeable.
2. You do not specify any neutralising amines to treat the water phase such as MEA (Monoethanolamine), meaning that pH in the boiler will be too low and will need to be boosted by adding NaOH which will generate caustic corrosion in the entire boiler system.
3. MOR (Morpholine), another type of neutralising amines has been specified. It should be known that MOR is almost no longer used as a neutralising amine because it is a very unstable molecule which thermal decomposition is generating a lot of acidic by-products that will have a very negative impact on pH down the line.
4. The requested concentrations of above-mentioned active ingredients are globally too high also, based on our unequalled R&D experience, it will not be possible to obtain those ingredients to be fully water-soluble besides the fact that any obtained end product not being appropriate for efficient boiler water treatment.

Also and for all above-mentioned reasons we will quote for the same modified Helamin product as for previous tender, which was cancelled for whatever reasons, and which was perfectly addressing the need of your plant according to our understanding of your operating conditions following our discussions and use of our Helamin original product.

We hope you will take the above statement into consideration in enlarging the tender specifications, to include specifications of previous tender, so that you may hopefully benefit of our unmatched Helamin technology.

Le Grand-Saconnex December 3, 2024.

Eric BOUVIER
CEO & Business Development Director



**HELAMIN
TECHNOLOGY HOLDING SA**

Chemin du Pavillon 5
CH-1218 Le Grand-Saconnex
SWITZERLAND

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