



REQUEST FOR INFORMATION (RFI) RFI26_2023/24

TO ASSESS AVAILABLE CORROSION PREVENTION PRODUCTS AND SEALING TECHNOLOGY SOLUTION OFFERINGS AVAILABLE IN THE MARKET TO SUPPORT AND ENHANCE THE MAINTENANCE AND LONGEVITY OF CRITICAL WATER AND SANITATION INFRASTRUCTURE AND APPURTENANCES WITHIN THE CITY OF CAPE TOWN

Purpose

1. This is a Request for Information (RFI) that relates to the supply, delivery, application and understanding of the effectiveness of the use of corrosion prevention and sealing technology products utilized to remediate corrosion and enhance water tight sealing of bolts, nuts, flanges valves and pipework. This includes information on the application, reaction times, and potential impacts to the environment as well as the availability of practical application demonstrations, free training and after-sales support.

Background

2. The City of Cape Town requires a Service Provider for the supply of suitable corrosion prevention and sealing technology products that can be used as an effective solution to a multitude of corrosion prevention problems in order to ensure that preventative, reactive and proactive maintenance ensures the longevity of its pipelines, valves, flanges, couplings, bolts and nuts etc.
3. Priming solutions consisting of a petrolatum compound.
4. A petrolatum based paste consisting of moisture displacement, flow control additives and corrosion inhibiting characteristics that does not become dry, crack or harden. Should ideally be utilized and applied on dry as well as wet (water logged) conditions.
5. A petrolatum compound profiling mastic containing cellular polymer beads and flow control additives for moulding around irregularly shaped fittings, cavities and valves.
6. A petrolatum compound durable synthetic fibre impregnated tape ranging in 10 meter rolls with widths of 50mm to 900mm.
7. Heavy Duty Film coated PVC self-adhesive tape (outer layer) acting as additional protection for the other corrosion protection and sealing applied products ranging in 30 meter rolls with widths of 50mm to 150mm.
8. PVC Film coated PVC Self-adhesive tape (outer layer) ranging in 30 meter rolls with widths of 50mm to 300mm.

Request for Information

9. The City of Cape Town intends testing the market to determine if there are product suppliers that meets the Water and Sanitation Bulk Supply requirements to the City to understand which corrosion prevention and sealing products are commercially available that is capable to effectively conform to the Cities need in relation to effective maintenance of its infrastructure and appurtenances. The City also needs to understand if any of the relevant products available on the market might have a negative impact on the environment.

10. In order for the City to understand which corrosion prevention and sealing technologies would be the most effective to implement, it is important for the City to understand amongst other things the correct application procedure and reaction time required for each product to work effectively to ensure longevity of its infrastructure and appurtenances. Product brochures, product information sheets, product application notes, product case studies and any other documents can provide above mentioned product information.
11. The City invites all suppliers of corrosion prevention and sealing technologies to respond to the Request for Information.

Timeline

12. The expected timeline for the potential sourcing of a solution is yet to be determined. However, this is dependent on positive responses to this RFI, and internal City supply chain processes.

Product Information

13. Priming solutions consisting of a petrolatum compound.
14. A petrolatum based paste consisting of moisture displacement, flow control additives and corrosion inhibiting characteristics that does not become brittle, dry, crack or harden. Should ideally be utilized and applied in dry as well as wet (water logged) conditions.
15. A petrolatum compound profiling mastic containing cellular polymer beads and flow control additives for moulding around irregularly shaped fittings, cavities and valves.
16. A petrolatum compound durable synthetic fibre impregnated tape ranging in 10 meter rolls with widths of 50mm to 900mm.
17. Heavy Duty Film coated PVC self-adhesive tape (outer layer) acting as additional protection for the other corrosion prevention and sealing applied products ranging in 30 meter rolls with widths of 50mm to 150mm.
18. Film coated PVC Self-adhesive tape (outer layer) acting as additional protection for the other corrosion prevention and sealing applied products ranging in 30 meter rolls with widths of 50mm to 300mm.
19. The following product information is required:
 - a. Product brochures, product information sheets, product application notes, product case studies and any other documents that will provide product information.

Interaction with Respondents

20. Respondents are advised that The City reserves the right not to utilise information gathered during the RFI process in order to complete a specification, which is to be put forth for tendering.
 - b. Refer to details below regarding submission of product brochures, product information sheets, product application notes, product case studies and any other documents that will provide product information.
21. Please contact Ismail Charles (ismail.charles@capetown.gov.za) should you have any technical queries.

Proof of Concept

22. The City reserves the right to engage respondents in a way that will look at different methods to validate and test information provided in response to this RFI. This will not result in any financial contribution towards proofing the respondent(s) concepts but will allow the City to engage after the conclusion of this RFI with the aim to ensure the information provided is validated and tested.

No Obligation

23. This RFI places no obligation on the City to embark on any subsequent process to obtain any item listed herein and respondents hereto shall obtain no preference or favour by responding to the RFI.

24. Responses to this RFI are voluntary. Do not include any proprietary, classified, confidential, trade secret, or sensitive information in your response. The responses will be reviewed by City staff, and individual feedback will not be provided to any respondent. The City will use information submitted in response to this RFI at its discretion. The City reserves the right to use any submitted information on its public websites, in reports, in summaries, in any possible resultant solicitation(s), grant(s), or cooperative agreement(s), or in the future development regarding this subject.

25. This RFI is for information and planning purposes only and shall not be construed as a solicitation, grant, or cooperative agreement, or as an obligation on the part of the City of Cape Town. The City will not pay for the preparation of any information submitted or for the use of such information. No basis for claims against City shall arise as a result of a response to this request for information or from the use of such information.

26. The research obtained from this RFI will inform the technical and functional specification of the proposed goods and services to be obtained, which may then follow an open competitive bidding process, should the City opt to implement such a system (Viability and Feasibility assessment, budgetary provisions, etc.). The City reserves the right not to proceed with any further process, should the research/technology indicates it is not viable and feasible. The City reserve the right to applied different procurement strategies, while exploring different methods to validate and test information provided in response to this RFI.

Submission Requirements

27. Please provide all inputs electronically on or before **16:00 on Friday 05 April 2024.**

28. All responses to be sent: ismail.charles@capetown.gov.za

Thank you

Demand Management

Directorate of Finance

Department of Supply Chain Management

Email: SCM.Research@capetown.gov.za



CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

Making progress possible. Together.

Together.

Making progress possible.