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| F:\UW - Projects\2019\World AIDs Day 2019\Umgeni Water Logo.jpg | **Request for Information**  | SCM Demand Man: RFI No. DMSD-01-2021/22  |
| **Invitation To Register On The Umgeni Water Supplier Database for the supply, delivery and offloading of Powder Activated Carbon (PAC)**  |

## Request for Information: To Register on the Umgeni Water Supplier Database for the supply, delivery and offloading of POWDER ACTIVATED CARBON (PAC).

Umgeni Water is a state owned business enterprise that operates within the South African legislative parameters. The primary function of Umgeni Water is to supply treated water in bulk to its municipal customers. Umgeni Water invites competent and experienced parties to respond to the above mentioned RFI which is hereby published to identify prospective industry participants that could tender for its requirements in respect of:

***The supply, delivery and offloading of Powder Activated Carbon (PAC)***

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| RFI PARTICULARS: |
| **SUBJECT:** | Information is requested from the prospective suppliers to Register On The Umgeni Water Supplier Database for the supply, delivery and offloading of POWDER ACTIVATED CARBON (PAC) |
| **Ref Number:** | DMSD-01-2021/22 |
| **Date Issued:** | 03 June 2022 |
| **Closing Date:** | 30 June 2022 |
| **Briefing Session**  | Not Applicable  |
| **Closing Time:** | 15h00  |
| **Submission place:**  | Electronic documents– scmadmin@umgeni.co.za    |
| **Samples:** **Please provide a sample of 1kg PAC labelled your company name to:** **Umgeni Water,** **310 Burger Street,** **3210** |
| **Purpose of RFI** | Umgeni Water invites prospective suppliers of Powder Activated Carbon (PAC) to compete among each other for the supply, delivery, offloading of POWDER ACTIVATED CARBON to various plants in Ulwandle region (Durban Heights WW, Umzinto WW, Wiggins WW, Hazelmere WW)Umgeni Water will assess the RFI responses received and use the outcome to determine RFT or RFP with the suitably qualified respondents ***It should be noted that this is an RFI only,* To Register On The Umgeni Water for the supply, delivery, offloading of Powder Activated Carbon (PAC) Supplier Database *and does not constitute a commitment, implied or otherwise, that Umgeni Water will procure services of the Respondent(s).*** |
| **SCM Process/RFI Queries**  | Name: **Lumka Makaula**  Tel: 033 341 1111Email: lumka.makaula@umgeni.co.za |
| **RFI Technical Queries:** | The Project Manager:Name: **Mbali Sibiya**Tel: 0312687115 E-mail: Mbali.Sibiya@umgeni.co.za |
| SUBMISSION PARTICULARS: |
| Respondents/Prospective suppliers are required to respond to the questionnaire embedded in this document.  |
| RFI CONFIDENTIALITY |
| The information included in the RFI is confidential and only for the Recipient(s) knowledge. The information contained in the RFI submission will be used exclusively for the purposes of for the supplying , delivering and offloading of POWDER ACTIVATED CARBON to various plants in Ulwandle region (Durban Heights WW, Umzinto WW, Wiggins WW, Hazelmere WW) |
| STATUS OF THIS RFI AND SUBSEQUENT PROCESS |
| This RFI should not be taken, nor understood to be an offer to purchase and the Umgeni Water is under no obligation to accept any proposals submitted under this process and / or any subsequent request for tenders (RFT) which may be issued thereafter.The Participants should take note that this is just a Request for Information; therefore: no business will be awarded through this process however Umgeni Water reserves the right to confine the RFT to the qualifying respondents/ participants of the RFI.  |

**ANNEXURE A:**

**QUESTIONNAIRE**

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| **Preamble** Powder Activated Carbon (PAC) is a speciality chemical utilised by Umgeni Water’s water treatment works in the Coastal Region for the treatment of taste and odours in raw water. PAC is a high performance absorbent engineered to amongst others, remove harmful organic contaminants in the raw water. In the water treatment train, the dosing of PAC is not continuous (unlike coagulant chemicals) but, it is triggered by the presence of odour in the raw water or detection of high concentrations of organics such as Geosmin (>5ng/L) as an example. |
| **Objective**To prequalify suppliers for the supply, delivery, offloading of Powder Activated Carbon (PAC) to various plants in Ulwandle Region (Durban Heights WW, Umzinto WW, Wiggins WW, Hazelmere |
| **Name of the Company**  |  |
| **Company Registration number** |  |
| **National Treasury Central Supplier Database (CSD) Number** |  |
| **Postal Address**  |  |
| **Physical Address**  |  |
| **Contact Person:** |  |
| **Telephone Number**  |  |
| **Cellular Number**  |  |
| **Is your company in the water treatment chemical industry?**  |  |
| **How long has your company been supplying water treatment chemicals**  |  |
| **Does your PAC comply with the Umgeni Water PAC Specification outlined above and in Annexure B?** ***Please provide a sample of 1kg PAC labelled your company name to*** ***Umgeni Water,*** ***310 Burger Street,*** ***3210*** |  |
| **What is the self-life of your PAC?**  |  |
| **What is lead on an order?**  |  |
| **Does your company have a quality system, if so please specify.** |  |
| **Provide a pricing estimate based on the scope described. Per Kg** |  |
| **Please describe your current pricing model/methodology.** |  |
| **At what level do you provide volume discounts?** |  |
| **Is the supplier willing to assist the plant with stock rotation should there be a need to avoid deterioration of stock on sit?** |  |
| **Have you experienced downtime in the last two years? If so, how long were customers impacted?** |  |

**ANNEXURE B:**

**SCOPE OF WORK/SPECIFICATION**

1. The following activities are expected under the proposed scope of work:
2. The supply, delivery, offloading and stacking, of Powder Activated Carbon to Durban Heights WW (Designated storage area for Ulwandle Region) for use by all plants in the region as and when required.
3. The Powder Activated Carbon shall contain no soluble material or substance in quantities capable of producing deleterious or injurious effects on health of those consuming water, which has been treated with Powder Activated Carbon.
4. **Extent** **of the supplies, Strategic Stockholding Requirements**

1. **Applicable national and international standards**, the successful supplier must be ISO 9001:2015 certified and the supplier must furnish Umgeni Water with copies of the certification documents. Powder Activated Carbon must meet SANS 52122:2007 Standard Specification or equivalent
2. **Particular** **specifications**, the Powder Activated Carbon must conform to the following specification:

**Specification: SANS 52903:2007 Products used for the treatment of water intended for human consumption: Powdered Activated Carbon**



1. **Specific properties**

The iodine number of the powdered activated carbon shall be not less than 600 mg/g.

1. **Particle size range**

A mean particle size in the range 10 μm to 50 μm and more than 95 % (m/m) is in the size range 0 μm to 150μm.

1. **Density**

The absolute density of the material is approximately 2,1 g/cm3.

1. **Chemical composition**

The content of carbon not less than 75 % (m/m) on a water-free basis; the carbon content is not an indicator of adsorption properties.

Total content of metals must be submitted and may not exceed the values detailed in Table A.1, the actual concentration will depend on the source of raw material and manufacturing conditions, indicate raw material source, and process.

