

**CONTRACTOR APPOINTMENT FOR OPERATION AND MAINTENANCE OF WASTEWATER TREATMENT PLANT FOR A PERIOD OF TWENTY-FOUR (24) MONTHS AT KING SHAKA INTERNATIONAL AIRPORT.
Tender Ref Number KSIA7063/2023 /RFP**

QUESTIONS	ANSWERS
<p>During the question time prospective bidders wanted to know if the 4ME PEs would qualify to tender for this work</p>	<p>No When we published the tender in the CIDB website, CIDB wanted to know if we wanted to extend this advert to PE contractors one grade lower in the tender value range in terms of Regulation 25.(8)?AND Will support be provided for Potentially Emerging Enterprises? * The answer was no</p> <p>Because Airports Company SA SOC Ltd does not have a targeted Development Programme in place.</p>

Please receive Questions and Answers. The answers are in **RED Colour**

We have attached some of the information that was also asked for.

1. To which landfill is the sludge waste currently being transported to? **It is currently disposed off at DCLM but bidders can get pricing from disposal sites of their choice.**
2. A provisional sum has been allocated for chemicals. However, the document states that the Contractor shall procure chemicals on behalf of the Employer and shall be reimbursed at a cost plus mark (Section 1.9, page 87). Please confirm if this is correct and chemicals procurement will be part of the Contractor scope.- **That is correct, chemicals used for the treatment process will be bought by the service provider and the Employer will reimburse at cost plus mark up**
3. Is it possible for you to provide a list of existing tools used on site for operation and maintenance activities? **The list of tools and equipment is provided on page 134/162 of the bid document**
4. Is there a forklift on site for Contractor use if required?- **There is no fork lift on site**
5. Is it possible if you can provide a list of spares for the site? – **There is no costing of spares required from the bidders at this stage. The provision for procurement of spares is provided in the document**
6. Must all the Returnable Document Forms be completed by hand or can they be completed electronically and printed out for proposal submission?

Submitting a tender offer

C.2.13.1 Submit one tender offer only, either as a single tendering entity or as a member in a joint venture to provide the whole of the works identified in the contract data and described in the scope of works, unless stated otherwise in the tender data.

C.2.13.2 Return all returnable documents to the employer after completing them in their entirety, either electronically (if they were issued in electronic format) **or by writing legibly in non-erasable ink.**

INSURANCE QUESTION

From Page 104 of 162

Does Clause (a) mean that the company that is tendering should have a public liability insurance limit of R100 Million.

Answer:

The R100 million referred to in the document is the insurance cover that ACSA takes on behalf of our maintenance contractors. However, the contractors are required to cover the deductibles referred to in Part 2, paragraph a).

In this particular case of a landside contractor, the contractor should provide proof that they have

- Public liability insurance for a limit not less than twenty-five thousand rands (R25 000), for each and every claim.
- When the maintenance contractor works on the airside the limit required is two hundred and fifty thousand rands (R250 000).

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The answers are provided in Red **COLOUR below**

- With reference to Pricing schedule 1, for the operation of the WWTP, do you require the contractor's personnel to be on site 24 hours a day or during the day only.

Refer to Annex A on Page 39 of 162:

1 x Site Manager/Supervisor Mon-Fri (08:00-17:00)

1 x Millwright Mon-Fri (08:00-17:00),

1 x Technical Assistant Mon-Fri (08:00-17:00)

1 x Process Controller per shift Mon-Sun 24 hours

1 x Assistant Process Controller per shift Mon-Sun 24 hours

- Pricing schedule 1B has no row for total, is the total costs for Pricing schedule 1B carried forward to the summary or only Pricing schedule 1A total is carried forward to Summary?

The total for Pricing schedule 1A is carried to Pricing schedule B, then the yearly price on pricing schedule 1B is carried to the summary. **Pricing 1A IS NOT CARRIED TO THE SUMMARY.**

- With reference to Pricing schedule 2 for preventative maintenance, should we include costs for consumables or consumable costs will be covered under Pricing schedule 9 or elsewhere?

Yes please include consumable cost for preventive maintenance, any consumables cost that will be required to carryout preventive maintenance should be included.

- With reference to Pricing schedule 2 for preventative maintenance; item No. 2 for Additional submersible pumps, does the number 7 refer to number of pumps?

Yes number 7 refers to number of pumps

- With reference to Pricing schedule 3B for Operational Determinants, we would like to know if the WWTP has existing site testing equipment that can be used in this contract.

Yes we do have existing testing equipment onsite

- With reference to Pricing schedule 5 for Dry Sludge Removal, what is the size, volume and type of the mentioned drums (45 No.)

210l steel drums

- With reference to Pricing schedule 5 for Dry Sludge Removal, is the contractor going to pay for the dumping site and do you require particular/specific vehicle for dumping the dry sludge.

Yes the service provider will pay for dumping site. Truck that is suitable and certified to carry dangerous goods and Lifting Equipment to load drums into the truck.

- With reference to Pricing schedule 7 for Carting for Sewer Pits, what is the expected volume of effluent to be removed at a go (20 No.)

5000l to 150 000l

Please advise us on the type and list of analysis to be carried out on the samples to be taken on site ?

As per page 133/162

Item No.	Operational Determinants
1	Total Coliforms (MPN/100ml)
2	Total Residual Chlorine (mg/l)
3	Alkalinity (mg/l)
4	Nitrite (NO2) (mg/l)
5	Ecoli (MPN/100ml)
6	Nephelometric Turbidity (NTU)

With regards to Schedule 4b: Diagnostic and Repair Table, is it possible if you can please share with us the failure modes of the count listed in this table?

For the purpose of pricing, we are looking for at functional failure as a whole, not to the level of failure modes because that would require to split the pricing schedule to that level of failure modes.

It must also be noted that table 4b is only applicable after hours, weekends and holidays and the rates kick in once the team has exhausted the first hour(call out) on site.

. For the carting of effluent as described on page 91 of the tender document, will the effluent also be in 210 liter drums (and how many drums?) OR will the Contractor require a tanker?
The carting off effluent will be done using a tanker and will be disposed at a disposal site.

2. As only carting of the effluent is referred to in the tender document, please clarify if disposal of the effluent is also required? -Disposal is also required and should be included in the daily rate

3. With regards to the sludge waste, may you please provide a % moisture of the sludge waste? Is it considered sludge waste or liquid waste? -It is considered sludge weight, please see attached waste classification

4. As provisional sums have been included in Schedule 9, does this mean that maintenance spares are not included in the Maintenance Rates Cost schedule?-The spares are not included in the maintenance rates costs.

We would like to know

- If the mark-up percentages/rates for provisional costs on page 68 of the tender document will be taken from Price schedule 9 on page 69 -The mark up is for any third party procured services or equipment/spares, so yes the mark up on page 69 will be applicable to some of the provisions on page 68.

If the quantities in the Quantity column on page 72 are number of equipment, hours or what units? – Quantity refers to the number of equipment

Good day,

Please see answers in red below.

Regards

Hi Johnson

Please see below list of clarification questions:

1. Please confirm if spares and consumables are to be included, as specified in the tender document as the previous clarification question is as follows: Is it possible if you can provide a list of spares for the site? – **There is no costing of spares required from the bidders at this stage. The provision for procurement of spares is provided in the document)**

The following specifications are required for the maintenance work:

2. Expectation of what is required to be repaired or reset during the specified time period for the diagnostics in pricing schedule 4b. Please could a list be specified.

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3. Specification of raw sewer pump required.
Grundfos 7.5kw 400v
4. Specification of filtration feed pumps required.
5.5kw 50hz 2925rpm 380v
5. Specification for sludge feed pump and gearbox required.
SITI: 2.2kw 50Hz 3HP
6. Specification for belt press wash water pump and gearbox required.
Grundfos: 50Hz
7. Specification of Belt press polymeric pump and gearbox required.
0.37 kw 50Hz 230/400v 1380rpm
8. Specification of Polymeric agitator gearbox required.
Seepex 2300kw
9. Specification of Belt press sludge thickening pump and gearbox required.

Motovario : 50Hz 2,2kw 230/400v 1410 rpm

10. Specification of Sugarcane fields irrigation pump and gearbox required.

BMG: 50Hz 400V

11. Specification on ferric dosing pump required.

Grundfos: 19w 6 l/h 10bar Model No. A9772092810005940P11552

12. Specification on UV system required.

ATG Model: UVM-73-4 400v 50z

13. Specification of Air blower: sand filters backwash blower unit required.

Mapro: 5,5Kw 50 Hz 2850 rpms

14. Should spill kits be costed for. No

15. MSDS or analysis of the effluent that is required to be carted. Raw Sewer