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A new word for water

09September 2010

Dear Tenderer

CONTRACT No: TCTA - 04-084
APPOINTMENT OF PROFESSIONAL SERVICES PROVIDERS FOR
ENVIRONMENTAL CONTROL OFFICERS FOR THE MOOI-MGENI TRANSFER SCHEME
PHASE-2

ADDENDUM No. 1

Please take note of the following amendments to the Request for Tenders (RFT):

Page 17, **section 4.2.3.6 Programme of the RFT** , change 20 January 2011 to 10 January 2011.

Acknowledgement of Receipt

This addendum forms part of the RFT. Upon receipt, please return the acknowledgement form below, signed and dated.

Yours faithfully

HENRY MHLONGO
SUPPLY CHAIN MANAGER



ACKNOWLEDGEMENT OF RECEIPT

TO: THE RECEIVING OFFICER
FAX: +27 (0)12 683 1300 / E-MAIL: tenders@tcta.co.za
SUBJECT: APPOINTMENT OF PROFESSIONAL SERVICES PROVIDERS FOR ENVIRONMENTAL CONTROL OFFICERS FOR THE MOOI-MGENI TRANSFER SCHEME PHASE-2

ADDENDUM NO. 1

We (*name of applicant*) hereby confirm receipt of Addendum No. 1 which forms part of the RFT for Contract No. TCTA-04-084: APPOINTMENT OF PROFESSIONAL SERVICES PROVIDERS FOR ENVIRONMENTAL CONTROL OFFICERS FOR THE MOOI-MGENI TRANSFER SCHEME PHASE-2

Regards,

Full Name of Authorised Representative:

Signature:

Date:

Contact Details:

Fax Number Email



10 September 2010

Dear Tenderer

**APPOINTMENT OF PROFESSIONAL SERVICES PROVIDERS FOR ENVIRONMENTAL
CONTROL OFFICERS FOR:**

**Komati Water Scheme Augmentation Project (KWSAP) – Contract TCTA-06– 084
Mooi-Mgeni Transfer Scheme Phase 2 (MMTS-2) – Contract TCTA-04– 084**

ADDENDUM No. 2

Please take note of the following:

There is a distinct difference between the ongoing monitoring (which will be undertaken by the Contractor) and periodic sampling or testing to be done by the ECO, as part of the Auditing procedure. The purpose of the sampling or testing to be conducted by the ECO is to act as a checking mechanism on selected occasions to independently verify the monitoring results produced by the Contractor. The ECO will not undertake any routine or ongoing monitoring. Sampling or testing by the ECO will only be done if the ECO wants to interrogate a particular trend or test an outlier result. As a guide for costing the Consultant should price for the following:

- Undertake water quality sampling at four separate occasions. One sample to be taken as part of the six-monthly audit over a two year period. The sampling will be undertaken at the same time as when the Contractor does their sampling in the river as part of their ongoing monitoring. The sample should be analysed for the full range of variables (see table below for the identified variables which can be used for pricing for both KWSAP and MMTS-2);
- Do not price for any dust or noise sampling; and
- Testing of social issues has no price attached as these are considered to be time related activities.

Price for the following list of Water Quality Variables (to be measured in the laboratory) and multiply the sum by four to obtain the Total Price for the Water Quality budget item.

Water Quality Variable	Measurement Units	Typical Range Required	Measurement	Level of Precision Required
Faecal coliform bacteria	MPC Cells / millilitre	1 – 5,000		1 cell / millilitre
Chemical oxygen demand (COD)	mg / litre	1 - 500		1 mg / litre
Sodium (Na)	mg / litre	1 - 100		1 mg / litre
Soap, oil and grease	mg / litre	1 - 50		1 mg / litre

Water Quality Variable	Measurement Units	Typical Range Required	Measurement	Level of Measurement Precision Required
Nitrate – nitrogen (as N)	mg NO ₃ -N / litre	0.1 - 15		0.01 mg / litre
Ammonia – nitrogen (as N)	mg NH ₄ -N / litre	0.01 - 15		0.01 mg / litre
Orthophosphate phosphorus (as P)	- mg PO ₄ -P / litre	0.01 – 10		0.01 mg / litre
Iron (Fe)	mg Fe / litre	0.01 – 5		0.01 mg / litre
Manganese (Mn)	mg Mn / litre	0.01 - 5		0.01 mg / litre
Copper (Cu)	mg Cu / litre	0.01 – 5		0.01 mg / litre
Zinc (Zn)	Mg Zn / litre	0.01 - 5		0.01 mg / litre
Fluoride (F)	mg F / litre	0.01 - 5		0.01 mg / litre
Lead (Pb)	mg Pb / litre	0.01 - 5		0.01 mg / litre
Total Chromium (as Cr)	mg Cr / litre	0.01 - 1		0.01 mg / litre
Total Mercury (as Hg)	mg Hg / litre	0.01 – 1		0.01 mg / litre

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