

Short Term Technical Assignments In the Urban Environmental Management Programme

Which are currently (July 2007) being executed or to be executed in the UEM Programme.

Headlines include:

- Title
- Code number (identical to budgets and financial reports)
- Partner (Contact Person)

An overview on xL of the exact state of each project and main budget figures is also available. Only projects contracted or with budget reservations are included. Further info, ToR + other documents are to be published on www.uemp.co.za in the near future. The info may also be requested at ble@deat.gov.za.

Refinery Flaring - SA standards & benchmarking. M-01-2006 eThekwini (Siva Chetty)

This project will produce a technical scheme for monitoring all flares of refineries with regard to time, incidents, air pollution, cumulated air pollution etc., etc. With SA adaptation the scheme will be in line and of the same quality as the prime standards of the EU, the USA and Canada. While this project will establish the technical scheme, to implement it will further initiatives from RSA governments (3 spheres). These required initiatives are political, budgetary and management initiatives.

The project is executed by eThekwini in collaboration with a working group of eThekwini, Cape Town, Sedibeng, Johannesburg and DEAT.

Catalogue of Renewable Energy options - tailor made for the city M-02-2006 eThekwini (Jessica Ridge)

The project will provide a catalogue of the technologies of renewable energy including assessments of their applicability in the eThekwini metro area.

Based on the priorities of the city the 4 most relevant action plans will be drawn up, designing how the city can promote these as adequate over the next 10 yrs. All of this tailor made for eThekwini. Nationally, RSA, though the white paper of the RE has committed to high ambitions: To increase its share of the energy provision from 1 to 4 % (4 times) in 10 years. The success indicator for this project is that, based on the catalogue, eThekwini municipality will deliver well above this national target. The catalogue will be a part of the E-strategy being developed for eThekwini.

LA-21 catalogue, tailor made for the City Municipality M-03-2006 Ekurhuleni (Oupa Mosia)

ToR available (July 2007) for a project/ process to consult with stakeholders in the M administration etc. and provide the document with a 5 (or 10) year prioritized action plan for an overall LA21 correct management and development of the Municipality.

Awaits M-06 – see below.

Air emission and modeling

M-04-2006 JBG (Lunelle Serobatse)

While the city of Johannesburg has invested in hardware and software for air quality monitoring and modeling of international standard, the staff does not have the training in this. Training is provided in two sessions from Cambridge Environment Research Institute in London (who has developed the software). The total investment will enable the City adm. to in house production of air pollutions scenarios of potential planning solutions. These will be of international standard, and comparable with other cities of RSA and in the world which uses similar software and methodologies.

Environmental Retreat - Expert drafting of proceedings

M-05-2006 SED (Lizette Venter)

Sedibeng is a district municipality comprising 3 very different municipalities. Environmental management includes a great many responsibilities, distributed between the DM and the 3 M. In addition Sedibeng is a national high priority area and the focus for interventions from DEAT on air pollution, EMF etc. No comprehensive strategy for the prioritization and execution of these responsibilities is in place to date.

Sedibeng has taken the initiative of a 2 d. WS with massive participation from the parties, including DEAT to flesh out the opportunities and to scope such a comprehensive plan. The proceedings will be the formal platform for further materialization of the plan, and the drafting of these proceedings has been assigned to experts from the School of Environmental Sciences and Development, North West University in RSA.

Organizational structure of the Environmental Department

M-06-2007 Ekurhuleni Mandla Sithole

After the Municipal election of 2005 the Municipality of Ekurhuleni embarked on a restructuring of the administration. One outcome so far is the formation of the new Environmental Department out of 4 previous directorates. The new department has a staff of some 5000.

The Department has embarked on setting up the (new) structure, based on the strategic needs and requirements to the department, the capacities and resources brought together, etc. The assignment will analyze the needs, set up the structure, provide principal job descriptions and set up a plan of implementation and staff development.

Energy Poverty Catalogue

M-07 CT (Craig Haskins), WC and DEAT

The CT / WC area is by at large provided with electricity from one provider. This makes it technically feasible to set up schemes for consumption and payment for electricity by which unnecessary and excessive overspending is taxed, and the achieved revenue recycled into energy saving measures directed at the poor.

Such schemes work in other parts of the world. An international consultant will adapt these to RSA conditions and priorities. Schemes are of general interest as a fiscal tool for the promotion of better environment, health and social equality. The project will be hosted by CT in dialogue with interested partners, including, WC and DEAT.

Master plan for City planning integrating the 4 city sections.

M-xx eThekwin, Vicky Sim

4 sections of the city have different planning principles causing gaps and overlaps. A comprehensive strategic overview for environmental management and priorities is to be set up. Awaits ToR from the city, which will use the STTA-project as a spearhead in a comprehensive approach to the problem.

Industrial Process Engineer

N-01-2006 DEAT-Air, Peter Lukey

Toxicologist and Epidemiologist

N-02-2006 DEAT-Air, Peter Lukey

There are gaps in knowledge and capacity in each of these two fields, in which new legislation and regulation will be crucial in the future. The solution provided by these *two* parallel assignments is a capacity transfer from the international community of expertise into permanent advisor positions DEAT. Plans and budgets in place for a permanent technical advisor position in each of the fields. The knowledge transfer from abroad will come through by the foreign technical assistance in three sub tasks:

- Definition of the permanent position in DEAT
- Selection of the best qualified candidate
- Introduction and “mentorship” to the candidate in the first period of employment.

WASTE MANAGEMENT BILL - International Technical assistance

N-03-2006 DEAT Waste Zanele Mwusi

N-03a-2006 Extension

WASTE MANAGEMENT BILL - Documentation of WMB

N-04-2006 DEAT-Waste Zanele Mwusi

N-04a-2006 Extension

WASTE MANAGEMENT BILL - Pricing of the Bill

N-05-2006 DEAT-Waste Zanele Mwusi

In the preparation of the Waste Management Bill, which DEAT is now (soon) sending to the Parliament for political process these STTAs were mobilized in order to

N-03: Provide technical international benchmarking, standards and other inputs

N-04: Document and process the public participation procedure of the Bill

N-05: Provide financial overviews of the costs and the distribution of costs between spheres of government and other stakeholders

International (3) and South African (4+5) consultants have provided these inputs.

**N-07-2006 DEAT-EQP UEMP - Website – Establishment + Year 1
Bo Leth-Espensen**

The web site is a Short term Technical assignment provided by an IT information company in dialogue with the International Programme Advisor.

The Web site will include presentations of the programme, of the partners, of current and upcoming activities, the STTA facility etc. It will also provide an archive of all documents produced by or having direct relation to the programme. And other features. Expected to be operational, August 2007

N-06-2007 DEAT-EQP Greening of the RSA stadia 2010 Joanne Yawitch

Following dialogue with FIFAs South African Organizational Committee, DEAT has embarked on the idea of conducting an environmental screening of all 10 stadia identified for the WC 2010. The screening should identify, price and prioritize the environmentally etc. sustainable solutions and measures, in dialogue with each stadium authority and make this available for implementation as decided by the authorities.

DEAT has identified a highly qualified SA team of expert architects and constructors and, subsequently, approached the UEM Programme for the funding. The PSC (#5) made a special budget allocation for this undertaking, and the PSC Secretariat is currently in dialogue with the stadia authorities, facilitating the idea and collecting buy-ins to the offer. eThekwinini has formally requested the service and more are expected to follow.