

# PUBLIC NOTICE

## DEVELOPMENT OF A SOLAR-POWER STRATEGY FOR ETHEKWINI MUNICIPALITY

Due to the national electricity-generation challenges and increased focus on sustainable practices, the eThekweni Municipality has embarked on a programme of action to create a space for new sources of energy supply in the city. Considering Durban's 320 days of sunshine annually, one of these alternate

sources that have been identified is solar-powered energy. To this end, the Municipality invites proposals from individuals and/or companies that have requisite experience and background in understanding the technological aspects as well as the greater economic considerations of solar-power supply. The successful tenderer will provide the Municipality with two final products: (i) a solar-power strategy/policy. In conjunction with this, (ii) a feasibility study

supporting the strategy, focussing on the following criteria: An examination of various solar-power technologies and related strategies available. Examples include, but are not limited to, solar-farms, solar-powered geysers, solar-powered municipal infrastructure, solar-ponds, and municipal incentives for solar-power use; each option should be interrogated in terms of the initial capital costs, operating expenses, the expected benefits, long-term return on investment

(RoI) and a Cost-Benefit Analysis (CBA); the various options should be understood in terms of local factors that would support or limit its implementation; roll out plan, including timeframes, on the recommended option/s must be included; revenue that can be generated from the recommended option, including additional income from bundling solar projects for carbon credit sales. The final terms of reference will be agreed between the successful tenderer

and the Municipality. Note that the above-listed outputs are not part of the proposals, which should provide an outline of the project scope that will lead to the development of the final strategy. However, the initial submissions should include details on the company's/individual's suitability to develop the strategy, including any background information in conducting feasibility studies, formulating policy and an understanding of the alternate energy market. Sealed responses,

which must be signed by or on behalf of the respondent, addressed to The Head: Supply Chain Management and marked: "Submitted Proposal: Solar-power strategy for eThekweni" are to be delivered to and placed in the tender box located on the ground floor, Rennie House, 41 Margaret Mncadi Avenue (formerly Victoria Embankment) on before 11:00, on Friday, 15 August 2008. Enquiries should be e-mailed to: [barlowo@durban.gov.za](mailto:barlowo@durban.gov.za); tel: 031 311 1101.