



Department of Energy

DEVELOPMENT OF THE ENERGY AND CLIMATE CHANGE STRATEGY IN THE PUBLIC BUILDING SUB-SECTOR.

BRIEFING SESSION

13 DECEMBER 2013



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PRESENTATION OUTLINE

- Introduction
- Objective
- Scope and Outcome
- Experience
- Project Plan
- Reporting



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INTRODUCTION

- South Africa through the Department of Environmental Affairs (DEA) developed a National Climate Change Response Policy (NCCRP), which was approved by Cabinet and adopted in 2011.
- The objectives of the policy are to stabilise greenhouse gas (GHG) emissions to a level that would avoid the dangerous anthropogenic interference with the climate system.
- Section 6.1.3 of the NCCRWP sets out clearly that the lead department in the sectors/sub-sectors should within two years of the publication of the policy develop and adopt strategies that sets out the initial carbon budgets to be achieved.



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INTRODUCTION... Cont'

- In implementation of the NCCRWP, the DEA commissioned a Mitigation Potential Analysis (MPA) for the country, which is about to be completed by March 2014. The study's focus was sectors of the economy that contributes to climate change. Namely: Energy; Transport; Waste; Industry; as well as Agriculture, Forestry and Other Land Use.
- Notwithstanding, the Mitigation Potential Study did not, however, cover the public building sub-sector which has a huge potential of reducing greenhouse gas emissions.
- So the Energy and Climate Change Strategy for the public buildings sub-sector will complement the MPA to have a complete emissions reduction potential profile of the Energy sector.



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OBJECTIVE

- The objective is to collect and analysis data or information collected in the public building sector, with emphasis on assessing the potential of viable mitigation and or adaptation options for reducing GHGs,
- To set clear and achievable targets and implementation plan for mitigation and or adaptation interventions, and also to recommend best possible data collection processes and monitoring, verification and reporting systems.



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SCOPE AND OUTCOME

- Development of a detailed project plan with clear time lines and budget break down;
- Data collection, analysis and review of the current mitigation and/ or adaptation measures in the public buildings or energy sector in line with appropriate local and international methodologies;
- Develop a proper baseline for building-related GHG emissions using a consistent international approach to performance monitoring and reporting and aligning it to monitoring and evaluation systems within the DoE;
- **The cost or risk matrix (real or perceived) of implementing the GHG reduction interventions in the public building sub-sector;**



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SCOPE Cont'

- Analysis of structural characteristics of political, economic, energy system which make Energy Efficiency (EE) investment difficult;
- Assessment of Market structures and constraints that prevent a consistent trade-off between specific Energy Efficiency (EE) investment and energy saving benefits in the public building sector;
- Assessment of behavioural characteristics of individuals and government entities that hinder EE technologies and practices in the public building sector;



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SCOPE Cont'

- Develop a comprehensive model of different mitigation and/or adaptation options available for the public building sector including the assessment of the potential of including EE in public buildings and facilities under the Clean Development Mechanism (CDM) programme in this sector; and
- Conduct stakeholder consultation workshops as and when required.



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EXPERIENCE



Company Experience	Team Leader & Team Members Experience	Qualifications
<ul style="list-style-type: none"> Provide a letter to the DoE from three contactable referees indicating that similar project was executed. The service provider must have five (5) years' experience in the field of Energy Management; experience of Climate Change, Energy and Environmental Policies and Strategies. 	<ul style="list-style-type: none"> The Team Leader must have at least three (3) years' experience in the field of Climate Change, Energy Management and Environmental Policies. Individual team members must have at least two (2) years' experience in the field of Climate Change, Energy Management and Environmental Policies. CV's of the team leader and team members must be attached to the technical proposal as proof. 	<ul style="list-style-type: none"> Team leader must possess a minimum of a Masters Degree in the relevant discipline (e.g. Natural Sciences, Energy studies and Environmental Management). Copies of certified certificates must be attached to the proposal as proof, failure to attach, bidders will forfeit points. Team members must possess a minimum of a Bachelor's Degree in the relevant discipline (e.g. Natural Sciences, Energy Studies and Environmental Management). Copies of certified certificates must be attached to the proposal as proof, failure to attach, bidders will forfeit points.



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PROJECT PLAN

- The service provider is required to provide a detailed proposed Project Plan indicating:
 - (i) Intermediate and final outputs and identified timeframes/milestones;
 - (ii) A methodology and approach must be indicated to the proposal. The methodology must outline how the planned work will be carried out and should be according to each phase or deliverable of compiling the technical report.
- Management of the project.
- Detailed work plans, including timetable for key deliverables.
- The service provider under consideration will be required to present their Project Execution Plan to the Department.



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REPORTING

- The service provider will submit monthly progress reports to the Programme Manager, within 4 working days after the end of each month for the duration of the project.
- All resulting reports and data shall be delivered in two copies, i.e. in electronic format and in hard copies.
- All draft and final reports shall be printed in full colour. The reporting language is English.
- All documents and copyrights, including data and databases developed during the process, will remain the intellectual property of the DoE.
- All drafts and final reports shall be submitted in full by the end of May 2014 to the Chief Director: Clean Energy. They must be edited, complete and presented in their final versions.

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Q & A SESSION



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