

REQUEST FOR QUOTATION

APPOINTMENT OF SERVICE PROVIDER(S) FOR THE IMPACT ANALYSIS (2019 TO 2024) AND ELECTRICITY SAVINGS FORECAST (2025 TO 2030) OF THE EEDSM PROJECTS BY SECTORS FOR (8) MONTHS

1 OBJECTIVES

- 1.1 The objective of this project is to conduct an impact analysis (2019 to 2024) and electricity savings forecast (2025 to 2030) by sectors of the Energy Efficiency and Demand Side Management (EEDSM) projects.
- 1.2 The impact analysis (2019 to 2024) specific objectives are to:
 - 1.2.1 Assess and evaluate the effectiveness and outcomes of the existing Energy Efficiency (EE) and Demand Side Management (DSM) measures in municipalities electrical infrastructure, buildings (commercial and public), residential, and industry and mining in South Africa.
 - 1.2.2 Analyse the influence of the various EE and DSM projects on electricity savings and demand reduction.
 - 1.2.3 Identify barriers, challenges and opportunities within the current electricity landscape.
 - 1.2.4 Analyse the financial implications of these EE and DSM initiatives, including costs incurred versus monetary savings achieved.
 - 1.2.5 Review the effectiveness of existing regulations and standards used to promote the utilization of energy-efficient technologies and practices i.e. Mandatory Display and Provision of Energy Performance Certificates, Income Tax (12L) Allowance for Energy Efficiency, and relevant specifications for technologies used.
- 1.3 The electricity savings forecast (2025 to 2030) specific objectives are to:
 - 1.3.1 Evaluate the potential impact of the current and/or proposed regulations, market trends and financial commitments in future electricity savings new technologies.
 - 1.3.2 Develop a model to predict future electricity savings resulting from current and proposed EEDSM projects.

2 BACKGROUND AND CONTEXT

- 2.1 Notwithstanding the approval by Cabinet of the post-2015 National Energy Efficiency Strategy (post-2015 NEES), Figure 2.1 shows a substantial achievement of the electricity savings of over 3.4 TWh from 2016/17 to 2019/20 financial years with a significant drop to an average of 0.878 TWh per financial year after the COVID-19 pandemic.
- 2.2 These energy savings achievements have been mainly through the Income Tax (12L) Tax Incentive and the EEDSM grant subsidy to municipalities. Over the past five years, and to build on these achievement, other EE and DSM policy measures were introduced, and these include the Minimum Energy Performance Standards (MEPS) for electrical appliances introduced through the Energy Efficiency Labelling and Standards, the Mandatory Regulations on the Display and Submission of Energy Performance Certificates for Buildings, and the installation of solar PV roof tops, cool roofs solutions, smart geyser devices and solar water heating systems.
- 2.3 As a result, these policy measures and instruments have been and are anticipated to realise huge energy savings and outcomes that will contribute to the required energy security for the country.

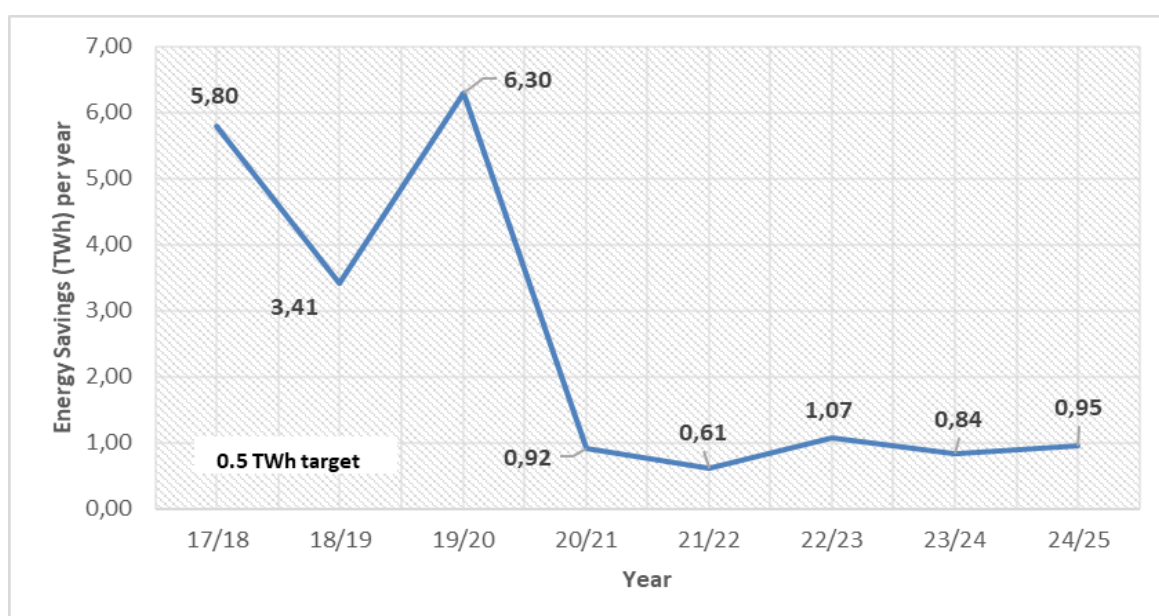


Figure 1: Achieved Energy Savings (TWh) over the past Financial Years

- 2.4 Cost-effective actions, energy management, the introduction of energy-efficient measures and technologies, electricity savings, and monetary savings have been among the areas of focus over the past five years.
- 2.5 These measures and policy instruments support the implementation of the post-2015 National Energy Efficiency Strategy (NEES), the Climate Change Act, and the just energy transition towards a low-carbon economy.

- 2.6 It is against this background that the Department is requesting independent and qualifying Service Providers to submit a Quotation for the impact analysis and electricity savings forecast of the current and future EEDSM projects.

3 CONTRACT PERIOD

- 3.1 The contract period is for eight (8) months from the date of appointment and signing of a Service Level Agreement (SLA).

4 PROJECT DELIVERABLES

- 4.1 The deliverables for the impact analysis and electricity savings forecast of the EEDSM projects in public buildings and commercial sector, residential sector, industry and mining sector, and municipal services shall include the following:

- 4.1.1 **Inception report** with key milestones and timeframe on how the impact analysis and electricity savings forecast of the EEDSM projects will be conducted.

- 4.1.2 **Impact Analysis Report** (2019 to 2024) covering the following:

- a) Secondary data collection and analysis methodologies using database of respective sub-sectors from DEE, SANEDI, NRCS, CSIR-NCPC-SA, municipalities, Eskom, etc
- b) Key Performance Indicators (KPIs) (such as kWh savings, jobs, investment per kWh savings, penetration of high-efficient technology, utilisation of existing Minimum Energy Performance Standards (MEPS) for technology used, technology localisation, etc) and metrics to be used for the assessment.
- c) Key stakeholders interviewed and a feedback report from the interviews.
- d) Impact analysis reports, including achieved energy savings, monetary savings, and greenhouse gas (GHG) emission reductions of the EEDSM projects implemented during this period.
- e) Impact on job creation, Energy Service Company (ESCO) development, and public awareness of energy efficiency issues.
- f) Challenges and barriers encountered during the implementation of the projects. This shall include procurement challenges, availability and quality of required technologies, localization issues, stakeholder engagement, policy barriers, and public acceptance.
- g) Analysis on the lessons learned and recommendations for policy improvement.

- 4.1.3 **Electricity Savings Forecast Report** (2025 to 2030) covering the following:

- a) Predictive models and assumptions used for electricity savings based on historical data and market trends.
- b) Scenario analysis and assumptions used based on different levels of implementation of the EEDSM projects.
- c) Electricity savings forecast with EEDSM project cost-effectiveness covering monetary savings achieved, including payback periods and return on investment.

- d) Implications of the electricity savings forecast on national energy efficiency policies and EEDSM projects planning.
- e) Envisaged environmental impacts and related greenhouse gas (GHG) emissions reduction resulting from enhanced energy efficiency.
- f) Potential effects on job creation, Energy Service Company (ESCO) development, and public awareness of energy efficiency issues.

4.1.4 **Report on the successful facilitation of at least five (5) stakeholder workshops** held with the relevant stakeholders on the planning of the impact analysis and electricity savings forecast.

5 PAYMENT

- 5.1 Payment will be based on the achievement of the deliverables and in line with the approved payment schedule. DEE will not make an upfront payment to a successful Service Provider(s).
- 5.2 Payment will only be made within 30 days in accordance with the delivery of services that will be agreed upon by both parties and upon receipt of an original invoice.

6 REPORTING REQUIREMENTS

- 6.1 The appointed Service Provider(s) will submit the achieved deliverables to the Project Manager monthly.
- 6.2 All resulting reports and data shall be delivered in (i) electronic format and (ii) 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 Department.
- 6.3 All drafts and final reports shall be submitted in full to the Project Manager and should be edited, completed and presented in their final versions.

7 TAX CLEARANCE CERTIFICATE

- 7.1 The Service Provider(s) must ensure compliance with their tax obligations.
- 7.2 The Service Provider(s) are required to re-submit their unique personal identification number (pin) issued by SARS to enable the organ of state to view the taxpayer's profile and tax status.
- 7.3 Application for tax compliance status (TCS) or pin may also be made via e-filing. In order to use this provision, taxpayers will need to register with SARS as e-filers through the website www.sars.gov.za.
- 7.4 The Service Provider(s) may also submit a printed TCS together with the proposal.
- 7.5 In proposals where consortia / joint ventures / sub-contractors are involved; each party must submit a separate proof of TCS / pin / CSD number.

- 7.6 Where no TCS is available, but the Service Provider(s) is registered on the central supplier database (CSD), a CSD number must be provided.

8 PROJECT ALLOCATION AND EVALUATION CRITERIA

- 8.1 The project shall be evaluated only on Price (Annexure A) and Specific Goals using an 80/20-point system as outlined in the Preferential Procurement Policy Framework Act (PPPFA) of 2022.

PHASE 1: PRICING AND SPECIFIC GOALS

Bids will be evaluated on the 80/20 preference point system as outlined in the Procurement Preferential Regulation of 2022. The bidder that scores the highest points in this phase will be awarded the tender.

CRITERIA	WEIGHT
Price	80
Specific Goals	20

POINTS AWARDED FOR SPECIFIC GOALS

In terms of Regulation, 3 (1) points will be awarded according to the specific goals stipulated in the table below. The service providers shall submit proof to claim for each of the points awarded to the respective specific goals, and failure to submit proof will result in the bidder forfeiting the points.

SPECIFIC GOAL	NUMBER OF POINTS FOR (80/20 PREFERENCE SYSTEM)
1. Enterprise owned by Black people	4
2. Enterprise owned by Women	4
3. Enterprise owned by Youth	4
4. Enterprise owned by Disabled persons	4
5. Enterprise owned by SMME – QSE and EME	4

- 8.2 Bidders should note that each submission will be checked for compliance. The following documents are compulsory, and failure to submit them will result in disqualification:

Tax Clearance Certificate	
SBD Forms	
Proof of CSD Registration	
Mandatory Requirements	None

9 GENERAL CONDITIONS

- 9.1 DEE reserves the right to accept any bid and appoint more than one (1) bidder in accordance with the DEE's Procurement Policy and Procedures, including the right not to accept any bid if it is deemed necessary.

10 PRE-QUOTATION MEETING/BRIEFING SESSION DETAILS

- 10.1 No meeting or briefing session will be held.

11 CLOSING DATE

- 11.1 Quotation must be submitted on or before **(7 October 2025 at 11h00)** at Department of Electricity and Energy, at 192 Matimba Building, Corner Visagie and Paul Kruger Streets, Pretoria in the bid box marked in the bid box marked Department of Electricity and Energy. **No late bids will be accepted.**

12 ENQUIRIES

- 12.1 All general enquiries relating to bid documents should be directed to:
Ms. Rachel Moerane
Tel No: (012) 406 7747
E-mail: rachel.moerane@dee.gov.za

Technical enquiries can be directed to:

Mr. Xolile Mabusela
Tel: (012) 406 7697
E-mail: xolile.mabusela@dee.gov.za

Annexure A: Price Schedule: Impact Analysis and Electricity Savings Forecast

No	Deliverable(s)/Output(s)	Description	Unit	Qty	Unit Cost (ZAR)	Total Cost (ZAR)	Notes
1	Inception Report	Inception Report with key milestones and timeframe.	Sum	0	R -	R -	
2	Impact Analysis Report (2019 to 2024).	Impact Analysis Report with (i) Data collection and analysis methodologies. (ii) Key Performance Indicators (KPIs) and metrics. (iii) Key stakeholders interviewed and a feedback report from the interviews. (iv) Impact analysis reports, including achieved energy savings, monetary savings, and GHG emission reductions, etc.	Hrs	0	R -	R -	
3	Electricity Savings Forecast Report (2025 to 2030).	Electricity Savings Forecast Report with (i) Predictive models and assumptions used, (ii) Scenario analysis and assumptions used, (iii) EEDSM projects' cost-effectiveness covering monetary savings achieved, including payback periods and return on investment, (iv) Implications of the electricity savings forecast on national energy efficiency policies and EEDSM projects planning, etc.	Hrs	0	R -	R -	
4	Stakeholder Workshop Report on the successful facilitation of at least five (5) stakeholder workshops.	Stakeholder workshops with relevant stakeholders on the planning of the impact analysis and electricity savings forecast.	Hrs	0	R -	R -	
Sub-total						R -	
VAT (15%)						R -	
Total						R -	