



USAID | **SOUTH AFRICA**
FROM THE AMERICAN PEOPLE

GENERAL MANAGEMENT ASSISTANCE CONTRACT (GMAC)

Contract No: 674-C-00-01-00051-00

Environmentally Sustainable Traditional Energy Source

Grant No. 0056-0402-G-GA25

ZET Consultancy

This report was produced for review by the USAID. It was prepared as a performance milestone under Mega-Tech, Inc.'s prime contract. The contents of this report address activities performed under USAID/South Africa's Strategic Objective No. 6: Increased Access to Shelter and Environmentally Sound Municipal Services

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Activity Summary and achievements:

The objective of this grant was to help both urban and rural communities develop a new energy source that is affordable, efficient, and has less impact on health and climate change. It was considered a rejuvenation of the traditional African practice of using cow dung as an energy source. In this updated version, cow dung is blended with waste paper and mixed with water, then baked into blocks and dried in the sun. When burned, the resulting fire blocks are odourless and free of hazardous emissions, and actually help clean away chimney soot. Community-based production with locally fabricated equipment helped provide jobs, empower women and young people, and create awareness of environmental issues in the community.

The attached Grant Activity Completion Report and Final Report briefly summarize the achievements of the program.

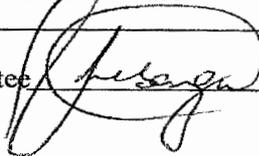
Contents of this report:

1. Grant Activity Completion Report (July 2003)
2. Final Report (October 2002)

Grant Activity Completion Report

1. Name of Organisation: ZET CONSULTANCY
2. Grant Activity: Manufacturing Traditional Energy Sources
<p>3. Briefly describe the grant objectives achievements and impact as a result of the grant activities implemented during the grant period.</p> <ul style="list-style-type: none"> ❖ Able to manufacture the energy source, completely made out of natural resources (waste paper and cow dung), which is odorless and does not emit hazardous gases. ❖ We, further able to employ and empower both urban and rural communities especially youth and women. ❖ We were further able to contribute in local technology, through the implements used in the production of the new product. ❖ Through the manufacturing of the "new" product, the communities become aware of the importance of preserving trees and forest as an energy source and utilize the new product as a new source of energy, which lasts longer than the normal wood.
<p>4. Briefly discuss the implementation process, including lessons learned and recommendations</p> <ul style="list-style-type: none"> ❖ As an NGO we were able to discover the potential and the ability that both communities have if trained and afforded with an opportunity do things for themselves ❖ We were able to "bring back" and rejuvenate the traditional African energy source that was utilized in the past. ❖ The community was able to improvise in the manufacturing process, by suggesting on how best the new product can "work." and be manufactured. ❖ It is evident from the zeal and enthusiasm of communities that if more funds can be made available for the manufacturing of the products, then the desired intention will be fulfilled and achieved. ❖ We, recommend that the energy source should not be a Regional source, but rather a Provincial and National source which will result in the preservation of trees and forest, the creation of job opportunities and eradication of poverty, thus requiring more funds for publicity campaigns, workshops and manufacturing of the product. <p style="text-align: center;">NB We therefore request and recommend an extension of our contract to fulfill the recommendations mentioned above.</p>
<p>5. Public Dissemination: GMAC requires that all grant activity deliverable(s) of the grant activity (e.g., a report or survey) must be available to the general public. Briefly discuss how the grants activities and results were made accessible to interested parties.</p> <ul style="list-style-type: none"> ❖ This process involves the publication of flyers and banners, having workshops at schools and public gatherings in the surrounding rural and urban communities. ❖ We, further have exhibition by utilizing the product, so that people can see the importance thereof in social club such as Jazz gatherings, Parties, braais and in and around the area where the product is manufactured to show the importance of the "New" product to be used in the future.

Signature of Grantee



Date 07/07/03.