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GENERAL MANAGEMENT ASSISTANCE CONTRACT (GMAC)

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

“Macassar Dunes Co-Management Project”

Contract or Grantee number: 0161-0904-G-GA53

UNIVERSITY OF CAPE TOWN



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:

This Grant will be utilized for the development of certain components of the *broader* Macassar Dunes Co-Management Project. The main objective is to provide infrastructure, including services, access roads, parking areas and an access control facility to support an Eco-trail system project. The development of the Eco-trail system and an Education facility comprise the other main components of the overall project. The development of permanent structures and the presence of personnel on the site is necessary to ensure the efficient management of the eco-tourism enterprise but is also considered a critical factor in addressing concerns regarding safety and security of visitors to the Macassar Dunes Area (MDA) and the threat of invasion by informal settlements. These development concepts are broadly supported by the Macassar Dunes Co-Management Committee as well as the City of Cape Town's Environmental Management department. *This project* would include (and has budgeted for) Environmental and Heritage impact assessments. This grant will also fund alien vegetation *clearing, rehabilitation* of vegetation, training of workers for alien clearing and rehabilitation and training of community safety and security monitors.

The development of the Macassar Dunes area will ensure that this very important biodiversity area is conserved in the long term but at the same time provides socio-economic benefits to the surrounding communities in Macassar and Khayelitsha. In addition to the job creation that will result from the eco-tourism enterprise, a wide range of job creation activities and other initiatives could evolve as the area receives increasing interest from tourists, visitors and educational institutions. Transport operators, tourism workers, refreshments and crafts are some of the potential employment markets that may result from this development.

Contents of this report:

- 1) Grant Activity Completion Report;
- 2) Final Report

Grant Activity Completion Report

1. Name of Organisation	UCT - EEU
2. Grant Activity	Macassar Dunes Co-Management Project Agreement No. 0161-0161-0905-G-GA53

3. Briefly describe the grant objectives achievements and impact as a result of the grant activities implemented during the grant period.

Grant Activity Completion Report

Objective: Design of Civil Engineering infrastructure.

The Civil infrastructure proposed for the project site included an access road, access control facility, parking area, electricity bulk supply, water supply and sewerage infrastructure. No services exist on the Macassar Dunes site. The provision of these services would greatly enhance the value of the site for recreational users, and as a location suitable for environmental education. They would also contribute to the goal of conservation and management of the Biodiversity of the area.

The design of the road had to include a number of alternatives, taking account of the local topography and complying with local and provincial roads authority requirements for the intersection of the new road with Baden Powell Drive, a Provincial Main Road. A Traffic Impact Assessment (TIA) was called for by the authorities and was undertaken by specialist consultants. The results of the study were used to motivate the preferred alternative road alignment, in terms of environmental impact and cost, and approval of the design was obtained.

The water supply infrastructure design was developed, which had to include the design of a pipe route underneath the road to reach the site.

Bulk supply of electricity reticulation was designed to be taken from the far side of Baden Powell Drive and lead to the proposed site of the Education Centre, alongside the new access road.

Both a Geotechnical soil survey and a topographical survey of the site were undertaken, contributing to road design and to the design of future buildings on the site.

Land Lease Agreement

A land lease agreement was required to be entered into between the present owner, the Public Works department and the City of Cape Town, Environmental Management Department, who would be responsible for management and maintenance of the Macassar Dunes area. The EEU's role consisted of coordination and management of the process.

A land lease agreement was drafted by the City of Cape Town's legal department with input from the EEU. This was then circulated for comment within the CCT; however, it has not progressed beyond this point and has not been submitted to the Department of Public Works.

Environmental Impact Assessment

A main focus of activities after project inception in December 2005 was the Environmental Impact Assessment (EIA) process, and the first public meeting required occurred in Dec 2005.

The public involvement process utilized two approaches, providing opportunity for input by the general public at two public meetings held in Khayelitsha and Macassar, and holding meetings with smaller focus groups, including City Spatial Planners, EIA Specialists, members of the Khayelitsha Development Forum, as well as the key stakeholder community association, Macassar Dunes Co-Management Association (MDCA).

A draft Scoping report was produced and circulated for comment in March 2006. The final Scoping meetings took place in early April 2006. Shortly thereafter, the final Scoping Report was submitted to Provincial Department of Environmental Affairs and Development Planning (DEA&DP) for approval.

Similar to other activities, this process was halted in May/June 2006, due to the withdrawal of support for the planned project by the intended Owning Agency, CCT: Environmental Resource Management Department. It was hoped that if agreement could be reached on relatively minor amendments to the Application, these could be submitted to the provincial environmental authority and then a ROD issued that would include the revised project. Unfortunately, agreement with the City on the nature and scope of the project has still not been reached. However, the EEU have begun a process to obtain a more generic ROD from the environmental authority, which would mean that the funding for this component would at least produce some result and not be entirely wasted.

Grant Activity Completion Report

Detailed Civils design and Tender documentation

The detailed design and Tender documentation of the infrastructural works, including the new access road, parking area, water, electricity and sewerage bulk infrastructure was completed. It is hoped that this documentation will be utilized if the project proceeds on site in future.

Training

Since securing funding during 2005, the EEU has facilitated the re-establishment of the MDCA and its committee, in order to revive the plans and momentum associated with community-government partnerships for managing the coastal dunes (Co-Management). A four day training course was developed around the expressed needs of the members of the MDCA committee.

The overarching aims of the course were twofold:

- i To provide members of the Macassar Dunes Co-management Committee and selected key stakeholders with an enhanced understanding of (i) the value of the natural resources in the Macassar Dunes area and (ii) the potential for the sustainable use and management of these natural resources.
- ii To build stakeholder communication skills so as to enhance participant ability to (i) co-operatively manage the Macassar dunes area and (ii) raise awareness within and outside their community concerning the importance of managing the local natural resources.

Signage

Interpretive signage

The Interpretive signage sub-project involved the adaptation of existing Coastcare interpretive signage dealing with different 6 subjects, listed below, including adaptation of both text and graphics to make the signs more applicable to the specific context of Macassar dunes.

The design of the 10 interpretive signs has been finalised and the signs printed. The 10 boards will be delivered to the EEU and will be stored at our offices until such time as there is some development or more of a physical presence on site, reducing the likelihood of theft or vandalism. The threat of theft of the signs is considered to be significant at this time. The work that has gone into the further development of these signs has potential benefits for a wider signage audience across the Cape peninsula region.

The translation of 4 of these signs into either Xhosa or Afrikaans has also been completed as planned. The artwork of the original signs has been adapted where necessary to accommodate the different languages. These are the first translation of these signage boards and this work will also benefit a broad population as these translations are likely to be reused around the coastline throughout the Western Cape. The subject/title of the boards were:

- Off road vehicles and the Coastal Zone (threats to ecosystems);
- Coastal Birds;
- Sandy Shores;
- Footprints in the Sand (Khoisan history) ;
- The Oystercatcher and Dunes on the Move (coastal zones dynamics and implications for development).

The signs have good potential to create awareness of the funder as each panel of 1,2m wide has a sponsorship panel bearing the USAID logo.

Grant Activity Completion Report

Signage

New Macassar / Strandveld sign

A major element of the signage sub-project was the development of a totally new, original interpretive sign for the Macassar Dunes area. This sign describes the ecosystem of Strandveld or Dune Thicket vegetation type that is endemic to the dunes and the fauna and flora that relate to this ecosystem. The design of the new sign, with English text and graphics including artwork and photographs was included in the scope of work. Sourcing of appropriate images (photographic and finished Art) of adequate quality has been the major constraint in meeting the deadline. This sign will not be produced/printed, but only *designed* as part of this grant.

Booklet/Brochure

The design of this component was modified since the initial concept. The working group consisting of representatives from the EEU and the City of Cape Town, came to a consensus that a fold out brochure (A4 folding out to A2 size) with a map of the area that school children could use as a wall poster, would be most suitable for the audience and provide ongoing educational value.

Design of the layout and drafting of the text was undertaken, followed by a consultation process and a series of drafts being circulated for review and comment. A number of parties that needed to comment on the product before it could be finalised, including the City of Cape Town and the Botanical and Heritage Specialists and Cape Flats Nature. A Distribution Plan was also created.

Entrance signs

The 4 Entrance signs were design and printed, and delivered to the City of Cape Town, who is going to erect these on the site. The text of these signs include the name of the area, "Macassar dunes Nature Reserve", contact details of the area manager and the logos of the partners and the funders. The purpose of these signs was to raise awareness about the status of the area and provide contact information to the public, who may contribute to management of the area by contacting the authorities should activities be taking place that are damaging to the environment.

Proofs of this sign were submitted to USAID. Erection will be subject to this task being scheduled by the relevant department of the City of Cape Town (CCT). The CCT Area Manager for Macassar Dunes will be coordinating this work in partnership with the EEU.

Alien clearing

The alien clearing project consisted of five parcels of land (refer to schedule and Map). A very specific procurement process was followed, aimed at offering an opportunity to smaller, emerging contractors, and to ensure that they were from the adjacent communities of Macassar and Khayelitsha. Notices were circulated via the Ward system inviting tenders, and two adverts were placed in local papers. Tender documents were placed at both the Macassar and Khayelitsha libraries. A total of 15 valid tenders were received and 12 contractors were shortlisted for interviews. A team of 4 persons formed the selection and interview panel consisting of a representative of the EEU and MDCA, the CCT Area Manager for Macassar Dunes and a representative of Cape Flats Nature.

Tenders were awarded to five contractors, i.e. one per parcel of vegetation. The start date on site was 14 August and the work was due to be completed by 25 August 2006. Three out of five of these contractors did complete the work by that date, however two others completed about 2 weeks later. Reasons for this delay were attributed to lack of experience of these contractors, density of the alien infestation, size of area and cash flow problems.

Photographs of the site showing the cleared areas and workers were submitted to USAID.

Grant Activity Completion Report

4. Briefly discuss the implementation process, with lessons learned and recommendations

Design of Civil Engineering infrastructure.

Progress with the Civil engineering design was initially constrained by the need to await the outcome of public participation processes around site selection for the Environmental Education Centre, and also involving the scale of the infrastructure to be developed on the site. Once the EIA/Scoping process identified the preferred site (March 2006), the design work was able to commence. Prior to this, only preliminary investigations could be undertaken.

Land Lease Agreement

A step towards achieving the objective of signed land agreement was to achieve internal agreement at City of Cape Town (CCT) Environmental Planning Dept. on the specifics of the lease agreement. This required liaison between that department and the City's Property Department. In Dec 2005, the preferred land agreement was identified as being a standard form of lease. Progress was then delayed by the CCT's indecision regarding whether the City's legal department would be involved in the process or external legal representatives. Annual holidays, internal restructuring and local government elections were reasons offered for this delay. Eventually, in April 2006, the CCT Environmental Management Department made a decision to involve the CCT legal department and the process finally went ahead. Four weeks later, the lease agreement had been drafted with specific clauses relating to the project and a map showing the extent of the lease area.

In May 2005, the Land Lease Agreement document was being circulated for comment to the CCT Environmental Management department and a final draft should have been submitted to the Landowner, DPW for approval and signature. However, the CCT Environmental Management department has as yet not completed the task of fully circulating, signing off and submitting the Agreement to DPW. Even though debate around the nature of the project arose in April/May 2006, there was agreement that it would still make sense for the CCT to go ahead with leasing the land regardless of the eventual development scope.

The EEU did everything possible to continually motivate for this activity to receive due attention from the City of Cape Town, from Oct 2005 to June 2006, given the timeframes associated with the funding. The lesson learned is that there appears to be a lack of capacity in local government with respect to decision-making. When planning projects that are in partnership with local government bodies, timeframes should take into account potential delays to arrive at decisions affecting the project.

Environmental Impact Assessment

The process was accelerated as much as possible, in order to obtain necessary approvals in time to meet grant agreement deadlines, in particular the construction of the Civils infrastructure by end Aug 06. However, the legal EIA process had to be adhered to, including advertising periods of a minimum of two weeks for public meetings.

Constraints to this process included the fact that DEA&DP requested that no activities be undertaken for a period of 4 weeks during the holiday period, between 9 Dec and 9 Jan 2006, which caused significant delay.

Training

This course cost less than planned, and some funds were used to get the MDCA committee operational, to enable meaningful participation and Co-Management of the area. These included the salary for a Coordinator and operational costs such as office rental, telephone and fax charges. No funds were allocated to capital equipment – these were drawn from counterpart funding.

The Training achieved the objective of galvanizing the members of the MDCA, towards defining their role in Co-Management of the Macassar Dunes, creating a strategic 2 year plan with a related budget and dealing with unresolved issues of their Constitution. As a committee, they are now more active, cohesive and proactive and becoming increasingly independent of the need for facilitation.

Grant Activity Completion Report

Signage

The need for consultation about the content of the signage was underestimated in the planning stage. Accuracy of scientific/educational content as well as the socio-political aspect of what is included requires input from a range of stakeholders. The editing of text and numerous revisions is a lengthy process. In addition, the time required for sourcing of existing photographs and artwork needs to be allowed for in planning. In spite of these constraints, this work was undertaken in a remarkably short space of time.

Alien clearing

Tenders were awarded to five contractors, i.e. one per parcel of vegetation. The start date on site was 14 August and the work was due to be completed by 25 August 2006. Three out of five of these contractors did complete the work by that date, however two others completed about 2 weeks later. Reasons for this delay were attributed to lack of experience of these contractors, density of the alien infestation, size of area and cash flow problems.

Difficulties arose in the payment of contractors by UCT Central Finance, due to their stringent financial controls/procedure, which were a challenge for these small businesses. There were also a few days of rain that caused delays. Completion is expected to be achieved by the end of this week.

5. Public Dissemination: GMAC requires that all grant activity deliverable(s) of the grant activity (e.g., a report or survey) must be made available to the general public. Briefly discuss how the grants activities and results were made accessible to interested parties.

Public meetings were held at which the project proposal was outlined and the impacts of the project on the environment were described, as part of the EIA process. Meetings were held in the 2 adjacent communities of Khayelitsha and Macassar during Dec 2005, and Jan – March 2006.

The Environmental Impact Assessment Scoping Report that was submitted to the provincial environmental authority (DEA&DP) was distributed to 8 public libraries. A copy is also lodged in the EEU Library (Report no. 2/06/271 where it remains permanently accessible and will be published on the EEU website.

The 2000 copies of the Macassar Brochure which describes the value of the natural environment will be widely disseminated through public libraries, civic centres and environmental resource centres.

Signature of Grantee _____ Date _____

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Macassar Dunes Eco-trails project Progress Report No. 4 Sept 2006

Task 1

- Milestone 1 Civil infrastructure conceptual design
- Milestone 2 Land agreement
- Milestone 3 Record 1st Public meeting

Task 2

- Milestone 4 Detailed Civils design and tender documentation
- Milestone 5 Submission of EIA / Scoping Report
- Milestone 6 Progress Report on participation

Task 3:

- Milestone 7 Training course Report
- Milestone 8 Completion of Civil engineering documentation

Task 4:

- Milestone 9 Interpretive signage
- Milestone 10 Education booklet
- Milestone 11 Entrance/ Information signs
- Milestone 12 Alien clearing

Task 5

- Milestone 13 Report on Participation activities
- Milestone 14 Final Report

Milestone 2: Land Lease Agreement

In May the Land Lease Agreement document was being circulated for comment to the CoCT Environmental Management department and a final draft should have been submitted to the Landowner, DPW for approval and signature. However, the CCT Environmental Management department has not completed the task of fully circulating, signing off and submitting the Agreement to DPW. Even though debate has arisen around the nature of the project on the site, it seems that CCT still intend to go ahead with leasing the land.

Milestone 3 Record 1st Public meeting
Completed: submitted in previous Report

Milestone 4 Detailed Civils design and tender documentation

Completed: Electronic copy on CD submitted to Nkosi Ndlovu on 8th Sept, when visiting EEU.

Milestone 5: Approval of the EIA or Scoping Report

When the CCT Environmental Resource Management department withdrew support of the project (as planned/funded) in May this year, the EEU informed the environmental authority processing the application that they should not proceed with processing the application until clarity was reached on the nature of the project. At the time the EEU were finalizing all queries that had been raised by the environmental authority and expected a decision within a few weeks.

However, we are now intending to ask the authority to continue processing the application, so that an ROD may be obtained, which may contribute to future development plans on the site.

Milestone 6 Progress Report on participation

Completed: submitted in previous Report

Task 3:**Milestone 7: Training**

Completed: Refer to Aug Report. Full Training Report submitted with Aug Report.

Milestone 8: Completion of Civils design documentation

Completed: Refer to Aug Report. Electronic copy on CD already submitted.

As reported previously, the design and production of tender documents for the Civil engineering infrastructure (roads, parking and services) had proceeded well and reached 70% completion by the time the project direction changed. Due to the hiatus caused by the withdrawal of support of the project by CCT, all further progress on this aspect of the project was halted. The Civil engineer was asked to compile all Tender documentation produced thus far and submit this to the EEU for record purposes.

Task 4:**Milestone 9 Interpretive Signage & Entrance signs***Interpretive signage*

This milestone included the adaptation of existing Coastcare interpretive signage dealing with different 6 subjects, listed below, including adaptation of both text and graphics to make the signs more applicable to the specific context.

The design of the 10 interpretive signs has been finalised and copies are being circulated for approval and signing off before production. Production takes a few working days once the proof is approved and is due to be complete by 21 Sept 2006. The 10 boards will be delivered to the EEU and will be stored at our offices until such time as there is some development or more of a 'presence' on site, reducing the likelihood of theft. The threat of theft of the signs is considered to be significant at this time. **Electronic copies of the signs accompany the report** (may be a day or two

late). The work that has gone into the further development of these signs has potential benefits for a wider signage audience across the Cape peninsula region.

The translation of 4 of these signs (refer table below) into either Xhosa or Afrikaans has also been completed as planned. The artwork of the original signs has been adapted to accommodate the different languages. These are the first translation of these signage boards and this work will also benefit a broad population as these translations are likely to be reused around the coastline throughout the Western Cape.

	Topics (existing)	Quantity	Language	Type
1	Off road vehicles and the Coastal Zone	2	E + A	
2	Coastal Birds	1	E	
3	Sandy Shores	2	E + A	1 x W
4	Footprints in the Sand	1	E	W
5	The Oystercatcher	1	E	
6	Dunes on the Move	3	E, A, X	1 x W
		10		

All the interpretive signs are to have a separate sponsorship panel mounted below the main sign board, bearing the USAID SOUTH AFRICA logo. Proof of this panel is included with this Report.

New Macassar / Strandveld sign

A major element of this milestone is the development of a totally new interpretive sign for the Macassar Dunes area. This sign describes the ecosystem of *Strandveld* or *Dune Thicket* vegetation type that is endemic to the dunes and the fauna and birds that relate to this ecosystem. The new sign has been designed, the text developed and finalised. Sourcing of appropriate images (photographic and finished Art) of adequate quality has been the major constraint in meeting the deadline. This sign will not be produced/printed, but only *designed* as part of this grant. The first draft of this sign is included with this report. This draft will need to be circulated for comment, which will take about a week, before a final proof is produced. The intention is to move forward to production of this board at some time in the future when the other interpretive signage is to be erected, using funding from another source.

Milestone 10 Booklet

The design of this component has been modified since the initial concept. The working group consisting of representatives from the EEU and the City of Cape Town, came to a consensus that a fold out brochure (A4 folding out to A2 size) with a map of the area that pupils could use as a wall poster, would be most suitable for the audience and encourage them to keep the brochure rather than dispose of it. Since this is a reduction in content from the original concept of a 16 pages booklet, the cost is significantly reduced. Design of the layout and drafting of the text is underway; however there are a number of parties that need to comment on the product before it can be finalised, including the City of Cape Town and the Botanical and Heritage Specialist and this can be a slow process. Other stakeholders such as Cape Flats Nature are also being allowed the opportunity to comment. A copy of the first draft is included with this Report. A Distribution Plan is also included with this

Report. The product is due for completion by 21 September 2006. Printing of the brochures will follow immediately once all parties have had an opportunity to comment. Distribution will commence soon thereafter as the MDCA are already planning an awareness raising campaign in neighbouring communities, about the importance of conserving the Macassar Dunes, using this brochure.

Milestone 11 Entrance signs

The 4 Entrance signs have been design and printed, and are being delivered to the City of Cape Town, who are going to erect these on the site. Proofs of this sign are included with this Report. Delivery of the signs is due to take place within the next few working days. Erection will be subject to this task being scheduled by the relevant department of the City of Cape Town (CCT). The CCT Area Manager for Macassar Dunes will be coordinating this work in partnership with the EEU.

Milestone 12 Alien clearing

The alien clearing project consists of five parcels of land (refer to attached schedule and Map). A very specific procurement process has been followed, aimed at offering an opportunity to smaller contractors, and to ensure that they are from the adjacent communities of Macassar and Khayelitsha. Notices were circulated via the Ward system inviting tenders, and two adverts were placed in local papers. Tender documents were placed at both the Macassar and Khayelitsha libraries. A total of 15 valid tenders were received and 12 contractors were shortlisted for interviews. A team of 4 persons formed the selection and interview panel consisting of a representative of the EEU and MDCA, the CCT Area Manager for Macassar Dunes and a representative of Cape Flats Nature. Tenders were awarded to five contractors, i.e. one per parcel of vegetation. The start date on site was 14 August and the work was due to be completed by 25 August 2006. Three out of five of these contractors did complete the work by that date, however two others are completing this week. Reasons for this delay are attributed to lack of experience of these contractors, density of the alien infestation, size of area and cash flow problems. Difficulties arose in the payment of contractors by UCT Central Finance, due to their stringent financial controls/procedure, which were a challenge for these small businesses. There were also a few days of rain that caused delays. Completion is expected to be achieved by the end of this week. Photographs of the site attached to this Report were taken on 13 September

Milestone 13 Report of participation activities

In general there has not been much activity around public participation since the EIA activities earlier in the year. A public meeting to inform stakeholders about the withdrawal of support of the City from the funded project was intended, however this did not take place as efforts were focused on engaging with the city to find out what their vision actually was for the area, and a written statement of this is still awaited since the last meeting of 31 July 2006.

An important activity has been ongoing discussion about the project with the City of Cape Town Environmental Resource Department (Minutes attached) The most significant meeting took place on 20th July 2006, with participants from City of Cape Town Environmental Management and Spatial Planning departments, EEU and MDCA .

A further meeting/workshop between the City and the EEU was held on 31st July, with the aim of developing a common vision for the infrastructure to be built on the Western Macassar Dunes. The outcome of this meeting was a commitment from CCT: Environmental Management to forward a written description of their vision for the area to the EEU. This has not yet been received.

No further Public meetings were held.

A number of meetings were held with the MDCA committee, attended by Sandra Rippon and Vuyisile Zenani. Minutes of these meetings were not kept due to the informal nature of these meetings; however, notes are kept in assigned notebooks.

Milestone 14 Final Report

This Report constitutes Milestone 14, as well as the Semi-annual Grantee Report submitted to USAID.