SOC- 9

PROJECT TITLE: INSTITUTIONAL STRENGTHENING OF THE NATIONAL EMERGENCY RESPONSE ORGANIZATION (NERO) AND DISASTER DATABASE

Sector: SOCIAL

Sub-sector: Disaster Preparedness

Background: The impact of Hurricane Ivan has clearly demonstrated the need for increased capacity at the national and the community levels in emergency preparedness and response. The efficient and effective planning and management of disaster preparedness and response activities requires that the national and community organizations have accurate and reliable data. This data needs to be systematized and easily accessible to those engaged in planning and management efforts.

Project objectives:

- Increase disaster preparedness, management and response capacity at all levels.
- Develop and strengthen a Social Indicators Committee.
 Strengthen the capacity of Ministries in the social sector and NERO to gather and analyse data related to disaster preparedness and management.

Duration of the project: One year

Date of initiation:

National executing agency: NERO, Ministry of Finance (Technical Corporation Unit & National Statistical Office)

Description of activities and tasks:

- Conduct an evaluation of current capacity to respond to the effects of natural and manmad disasters.
- Make recommendations on how to strengthen management, preparedness and respons capacity at all levels.
- · Review and strengthen the national disaster plan.
- Examine models of good practices within the region in disaster management and mitigation.
- Develop a public awareness programme in disaster preparedness.
- Provide training in disaster management and response, including distribution, data collection and analysis and shelter selection and shelter management.
- Social mobilization.
- Equipment.

Expected results and products:

- Establishment of local emergency management committees.
- Increased participation of civil society.
- · Publication of key surveys and studies on disaster preparedness, response and mitigation.
- · Increased inter-ministerial coordination.
- Establish and strengthened inter-ministerial database systems.

Total required investments: EC\$500,000.00

- Labour requirements (work/months)
- National inputs:
- Imported inputs:

GRENADA SOC-2

PROJECT TITLE: PHYCHO-SOCIAL REHABILITATION

Sector: SOCIAL Sub-sector: PSYCHO-SOCIAL

Background People's behaviour changes during emergencies, as do the ways in which they express their emotions. There is frustration and anguish which, among other things, fosters acts of violence. Such reactions to stress and crisis provide a basis for the orientation of mental health efforts and services towards the psychosocial mitigation and the prevention of trauma occasioned by natural disasters and other such emergency situations. Capacity building activities directed at community levels serve to foster local leadership and skills. Sensitization of community leaders, health professionals, educators, and families towards the issues of prevention and care for the psychosocial impact of disasters promotes their ability to understand the situation. Increased awareness lends itself to the focus on preparedness, which benefits communities in managing the process of prevention and recovery from disasters. Skill-building and training enable people to meet the demands of dealing with the concerns before, during and after disasters. In addition, such an orientation fosters coping at the level of the individual, the family, the community and beyond.

Project objectives:

- To assess the psychological impact of disaster in the general population.
- To advance mental health protection and promotion in the general population.
- To promote protection against and prevention of mental health risks.
- To promote the prevention of gender-based violence.
- To promote the provision of psychological, emotional and social assistance needed for the care of women, children, the elderly, and physically and mentally challenged persons.
- To assist persons to develop better coping skills in dealing with issues of displacements.

Duration of the project: 24 months

Date of initiation: Immediate

National executing agency: Ministry of Social Development

Description of activities and tasks:

- Sensitization, awareness-raising, and education of families, educators, health care
 providers and community and national leaders to the normal reactions of children,
 youth and adults to crisis conditions.
- Skills-building and training in assessment of post-traumatic stress.
- 'Managing grief and loss' training for families, educators, health care providers, and community leaders.
- Establish a network of community persons trained in crisis management.
- Integrate a psycho-social component in the current disaster management profile by incorporating a Stress-Management in Disasters (SMID) Committee into NERO.
- · Develop SMID in conjunction with NERO and other stakeholders.
- Contract the services of a trained professional to coordinate and manage the project.
- Develop the necessary mechanisms and structures to establish a counseling unit.

Expected results and products: Situational diagnosis, increased awareness of crisis reactions, increased coping skills, and decreased risk for mental illness and dysfunctional behaviour associated with trauma and the establishment of a counseling unit.

SOC- 3

PROJECT TITLE: PSYCHO-SOCIAL REHABILITATION FOR CHILDREN

Sector: SOCIAL

Sub-sector: PSYCHO-SOCIAL

Background: Disasters affect children in different ways, yet the psycho-social impact often remains invisible in studies and goes untreated. There is a need to sensitize the community, especially teachers, caregivers and parents on how to identify signs of psycho-social trauma in children. They also need to be sensitized towards issues of prevention and care for the psychosocial impact of disasters and abuse.

Project objectives:

- Develop a cadre of trained teachers, caregivers and parents.
- Develop an integrated plan for psycho-social rehabilitation of children who have experienced all forms of trauma.

Create public awareness on the psycho-social impact of disasters on children.

Duration of the project: 24 months

Date of initiation: Immediately

National executing agency: Ministry of Social Development

Description of activities and tasks:

- Develop training materials, train teachers, guidance counselors, parents and caregivers nation-wide to recognize the signs and symptoms of trauma and abuse in children.
- Develop and produce public service announcement on the care and protection of children.
- Train teachers, school administrators and caregivers in psycho-social trauma and rehabilitation.
- · Sensitize parents and community leaders.
- Develop a cadre of Peer Counselors to provide support to affected children.

Expected results and products:

- Package of training materials for psycho-social rehabilitation aimed at teachers, caregivers, parents and children
- Full electronic and print media campaign.
- Poster competition for children.
- Workshops at national and district levels.

Total required investments: EC\$400,000.00

Labour requirements

(work/months)

- National inputs:
- Imported inputs:

Financial requirements (dollars)

- Local:
- External:
- Donation/Loan/Funding:

Potential source of financing

- External credit:
- Donor: UNICEF

GRENADA SOC- 8 PROJECT TITLE: SHELTERS ALSO SERVING AS COMMUNITY CENTERS IN GRENADA Sector: SOCIAL Sub-sector: Ministry of Social Development

Project objectives:

- Create structurally sound building to serve as shelters in time of disasters that will also serve as centres for community development.
- · Serve as community libraries, adult skills training centres and adult literacy centres.
- Community computer activity centres.
- · Incorporate daycare facilities for low income families.

Duration of the project: 5 years

Date of initiation: Immediate

National executing agency: Ministry of Finance

Description of activities and tasks:

- Identify existing suitable and structurally sound buildings in each community.
- Identify location/land for construction of new shelters/community centres.
- · Refurbished and new construction of shelters/community centers.
- Purchasing of basic furniture and equipment.
- Evaluate the infrastructural needs to accommodate the expected number of persons needing shelters.

Expected results and products:

- Shelters/community centres constructed and equipped as shelters and for community development activities.
- Development of policy for management and maintainance of shelter/community centres.
- Capacity building and skills training programmes developed and implemented.
- Provision of safe and affordable child care facilities for low in come families.

Total required investments: EC\$20,000,000.00 Labour requirements (work/months) National inputs: Imported inputs: Financial requirements (dollars) Local: External: Donation/Loan/Funding:

PROJECT TITLE: REHABILITATION OF SOCIAL SERVICE FACILITIES

Sector: SOCIAL

Sub-sector: Social and Human Development

Background: The Facilities used to provide safe places for the elderly, children and persons with disabilities and also child care suffered considerable damage; ranging from completely destruction to a range of structural damages including complete and partial roof loss. These homes were located in the parishes of St. Georges, St. Andrews, St. Marks, St Johns and St. Patricks and Carriacou. In the case of the day care centres seventy percent (70%) of the children affected are from single female headed household thus creating an additionally burden for these women.

Project objectives:

- Reconstruction and repair of existing structures, including reinforcement, in order to reduce vulnerability to natural disasters.
- To provide a place of care and protection for persons in need of special assistance.

Duration of the project: 1 year

Date of initiation: Immediate

National executing agency: Ministry of Social Development

Description of activities and tasks: Refurbish and construct damaged facilities and the procurement of material, equipment and furnishings damaged by the hurricane.

Expected results and products:

- Reparation of children's homes, Homes for the elderly and Home for persons with disabilities.
- · Reparation of Day care Facilities.
- · Replacement of materials, equipment and furnishings

Reparation of libraries and sports facilities.

Total required investments: EC\$4,000,000.00

- Labour requirements (work/months)
- National inputs:
- Imported inputs:

Financial requirements (dollars)

- Local:
- External:
- Donation/Loan/Funding:

Potential source of financing

- External credit:
- Donor:

SOC-11

PROJECT TITLE: REPLACEMENT OF ROOF AND REFURBISHMENT OF CARLTON HOUSE DRUG REHABILITATION CENTRE

Sector: SOCIAL

Sub-sector: HEALTH

Background: Hurricane Ivan completely destroyed the roof, and significantly damaged the walls and internal structures of the Carlton House Drug Rehabilitation Centre.

Project objectives:

 The project aims to construct a new roof and repair the internal structures of the Drug Rehabilitation Centre to ensure a safe and comfortable environment of its clients.

<u>Duration of the Project: 4 months</u> Date of initiation: 1st June 2005 National Executing Agency: Ministry of Health and Ministry of Finance and Planning

Description of Activities and Tasks:

The project, which is estimated to last approximately four months, will involve the reconstruction of a new roof, and the repair of the walls and other internal structures of the drug rehabilitation centre.

Expected results and products:

The roof and infrastructure of the Carlton House Drug Rehabilitation Centre (CHDRC) will be reconstructed to allow for resumption of work at the centre.

Total required investments:

US\$972,000

Special remarks:

Financial requirements (dollars)

- Local:
- External:
- Donation/grant:

- External credit:
- Donor:

SOC-12

PROJECT TITLE: STRENGTHENING OF COMMUNICABLE DISEASE SURVEILLANCE IN GRENADA, CARRIACOU, AND PETITE MARTINIQUE

Sector: SOCIAL

Sub-sector: HEALTH

Background: Following the passage of hurricane Ivan, several cases of communicable diseases was suspected but not confirmed. The country lacked efficient communicable disease surveillance for reporting these conditions on time.

Project objectives:

 To prevent and control communicable diseases in Grenada, Carriacou, and Petite Martinique, by establishing an efficient surveillance system that can monitor these conditions, and are sufficiently flexible to respond to changing trends on time.

Duration of the Project: 1 year

Date of initiation: 1st October 2004

National executing agency: Ministry of Health and Ministry of Finance and Planning

Description of Activities and Tasks:

The surveillance system will be focused in the public hospitals, health centres and medical stations in the tri-island state. Designated nurses will report weekly to the national epidemiologist who will transmit the data weekly to Caribbean Epidemiology Centre (CAREC).

Expected results and products:

An efficient and up-to-date surveillance programmme for communicable disease.

Total required investments:

Special remarks:

US\$76,590.

Financial requirements (dollars)

- Local:
- External:
- Donation/grant:

- External credit:
- Donor:

SOC-13

PROJECT TITLE: REPAIR OF ROOF OF CENTRAL MEDICAL STORES (CMS)

Sector: SOCIAL

Sub-sector: HEALTH

Background: Hurricane Ivan completely destroyed the galvanize sheeting, and partially damaged the inner ceiling of the roof of CMS.

Project objectives:

· To replace the complete galvanize sheeting, and repair the ceiling of CMS.

<u>Duration of the Project: 1 month</u> Date of initiation: 15th October 2004 National executing agency: Ministry of Health and Ministry of Finance and Planning

Description of Activities and Tasks:

Central Medical Stores is the government's main warehouse for storing pharmaceuticals and related medical supplies. The project seeks to restore the security and integrity of the medical products by repairing the roof over a 1-month period.

Expected results and products:

The roof of CMS will be repaired to provide full security, and to maintain the integrity of medical products.

Total required investments:

Special remarks:

US\$648,148

Financial requirements (dollars)

- Local:
- External:
- Donation/grant:

- External credit:
- Donor:

SOC-14

PROJECT TITLE: THE RECONSTRUCTION OF ROOFS ON THE LABORATORY AND OTHER DEPARTMENTS AT THE ST. GEORGE'S GENERAL HOSPITAL.

Sector: SOCIAL

Sub-sector: HEALTH

Background: Hurricane Ivan damaged the roof of several departments at the St. George's general hospital, including the laboratory, storeroom, kitchen, laundry, administrative office, and nursing and drivers offices.

Project objectives:

 To rebuilding the roof of the laboratory, and affected departments of the general hospital in order to restore critical diagnostic and other services to the population of Grenada.

<u>Duration of the Project: 3 months</u> Date of initiation: 15th October 2004 National executing agency: Ministry of Health and Ministry of Finance and Planning

Description of Activities and Tasks:

The project aims to construct the roof of the medical laboratory as a priority, because it sustained the most damage within the hospital. In addition, the roofs of the surrounding buildings within the hospital compound will be repaired; these structures comprise the store room, generator room, kitchen, laundry, administrative office, and nursing and drivers offices.

Expected results and products:

The roof and supporting structures of the medical laboratory and other affected buildings will be repaired.

Total required investments:

US\$1,666,666

Special Remarks:

Financial requirements (dollars)

- Local:
- External:
- Donation/grant: ____

- External credit:
- Donor:

SOC-15

PROJECT TITLE: CONSTRUCTION OF ROOF OF RICHMOND HOME FOR THE ELDERLY

Sector: SOCIAL

Sub-sector: HEALTH

Background: The roof of the Richmond Hill Home for the Elderly was destroyed by hurricane Ivan, which caused further deterioration to the beds of the institution.

Project objectives:

• To replace the roof and beds which were destroyed by the hurricane, and to maximize the opportunity by purchasing important amenities for the institution.

<u>Duration of the Project: 4 months</u> Date of initiation: 1st November 2004 National executing agency: Ministry of Health and Ministry of Finance

Description of Activities and Tasks:

The project aims to improve the building and infrastructure by replacing the roof and purchasing fifty (50) new beds and ten (10) wheel chairs to enhance the quality of life for the institution's residents. The home has a capacity of one hundred and ten (110) persons and provides care for the elderly and mentally and physically challenged persons.

Expected results and products:

The construction of the roof for the Richmond Hill home, equipped with 50 new beds and 10 additional wheel chairs.

Total required investments: US\$194,444

Special remarks:

Financial requirements (dollars)

- Local:
- External:
- Donation/grant:

- External credit:
- Donor:

SOC-16

PROJECT TITLE: REPLACEMENT OF ROOF AND REPAIR OF THE WATER CATCHMENT SYSTEM OF PRINCESS ROYAL HOSPITAL

Sector: SOCIAL

Sub-sector: HEALTH

Background: Hurricane Ivan damaged the roof and water catchment system of Princess Royal Hospital in Carriacou

Project objectives:

The project aims to repair the roof of the hospital which is situated on the hill top
and is therefore particularly vulnerable to strong winds. In addition, the water
catchment system will be restored to good working condition to ensure that the
hospital and its environs have a reliable supply to good quality water.

<u>Duration of the Project: 1 month</u> Date of initiation: 15 October 2004 National executing agency: Ministry of Health, Social Security & the Environment

Description of Activities and Tasks:

The hospital roof and the water catchment system will be repair simultaneously.

Expected results and products:

The roof of the hospital and the water catchment system will be repaired.

Total required investments:

US\$37,037

Special remarks:

Financial requirements (dollars)

- Local: ———
- External:
- Donation/grant:

- External credit:
- Donor: ———

SOC-17

PROJECT TITLE: THE CONSTRUCTION OF ROOFS AND SUPPORTING STRUCTURES OF DAMAGED PRIMARY HEALTH CARE CENTRES

Sector: SOCIAL

Sub-sector: HEALTH

Background: Hurricane Ivan damaged or destroyed the roofs of several health centres. Important furniture and equipment were also damaged.

Project objectives:

• To repair the roofs and supporting structures of primary health care institutions to ensure a resumption of essential health services to catchment areas.

<u>Duration of the Project: 6 months</u> Date of initiation: 15 November 2004 National executing agency: Ministry of Health and Ministry of Finance and Planning

Description of Activities and Tasks:

Replacement of damaged roof, doors, windows, furniture and equipment.

Expected results and products:

The primary health care institution restored to full working conditions by the replacement of roofs, relocated fixtures, and equipment

Total required investments:

USD\$218,518

Special remarks:

Financial requirements (dollars)

- Local:
- External: -
- Donation/grant:

•

- External credit:
- Donor:

SOC- 18

PROJECT TITLE: REPLACEMENT OF ROOF, LABORATORY EQUIPMENT AND RABIES VACCINE AT THE VECTOR CONTROL BUILDING

Sector: SOCIAL

Sub-sector: HEALTH

Background: The hurricane destroyed the roof and equipment at the Vector Control building. The power outage at the building also destroyed the rabies vaccine.

Project objectives:

 The project aims to replace the roof, and purchase equipment to ensure that Vector borne diseases caused by mosquitoes, such as Dengue fever, are controlled. The Vector Control department will reestablish the vaccination programme against Rabies. These vector control programs are important to control the potential increase of the populations of mangoose and mosquitoes which tend to occur after hurricanes.

<u>Duration of the Project: 3 months</u> Date of initiation: 1 January 2005 National executing agency: Ministry of Health and Ministry of Finance and Planning

Description of Activities and Tasks:

Construction of roof, procurement of equipment and rabies vaccine.

Expected results and products:

The roof of the Vector Control building will be repaired, and essential equipment and rabies vaccine procured.

Total required investments:

USD\$40,370

Special Remarks:

Financial requirements (dollars)

- Local:
- External:
- Donation/grant:

- External credit:
- Donor:

GRENADA	No.
PROJECT TITLE: Gre	nada Economic Recovery Intervention
Sector:	Subsector(s):
Manufacturing Sector	Agro-processing, Furniture, Agro-tourism etc

Project objectives:

- To accelerate the restoration process of the manufacturing facilities in Grenada, thus minimizing the loss in sales, export earnings and operating cash flow position of the companies.
- 2. To bring the companies to an operating efficiency level that is consistent to competitive standard in their respective industry.
- 3. To minimize the immigration of skilled people and entrepreneurs because of lack of income to maintain family, which could lead to re-training and recruitment of entire new workers. Thus, this could have an adverse impact on operating productivity.

Duration	of the pr	oject: 3	months	
Date of initiation: Immediate				

National executing agency:

Organization of Eastern Caribbean States - Export Development Unit (OECS-EDU)

Description of activities and tasks:

To provide technical skills required for the refurbishment and restoration work necessary to bring manufacturing facilities in Grenada to a minimum acceptable operating condition. Immediate work is required in the re-instatement of electrical system, plumbing, refrigeration, cleaning, and re-calibration of plant equipment for the re-commissioning of the plants to full productive capacity. In recognizing the constraints in accessing national skills in the short term, this project will facilitate the recruitment of technicians from OECS companies with the necessary skills in fulfilling the project objectives. Companies will be approached to release the required staff as their contribution to the rehabilitation effort being undertaken. The project will provide for a projected 20 man-days per company and will meet the cost of travel, meals, accommodation and other incidental expenses.

Expected results and products:

- Restored plants operating efficiently
- · Minimization in revenue and operating cash flow losses

Total required investments: US\$340,000.00

Labour requirements (work/months);

20 man-days per company

National inputs:

To be Determined

Imported inputs:

Technicians (as detailed in project)

Special remarks:

The estimated cost per company is US\$6,800.00 and this project focuses on 20 manufacturing companies in Grenada, thus a total cost of US\$340,000. This project cost does not include loss of raw and packaging inventory and operating inputs to restart the operations and building structural damages. It is anticipated that these are being attended to under different national programmes.

INFR-3

PROJECT TITLE: SECURITY OF WATER SUPPLIES

Sector: INFRASTRUCTURE

Sub-sector: WATER

Background: As a result of Hurricane Ivan water supply across the island was greatly disrupted. This disruption was primarily from three phenomenon:

- 1. falling trees took down several sections of distribution pipelines, where these pipelines were supported on elevated columns;
- 2. Because of excessive silt, debris and trees in the dams located across the island, and because of their relatively remote locations, required clean up activities were hampered;
- 3. Lack of electrical supply to plants.

Project objectives:

• To reduce the vulnerability of this sector during natural disasters

Duration of the project: 1 year
Date of initiation: Immediate

National executing agency: Ministry of Works, Ministry of Finance and NAWASA

Description of activities and tasks:

- 1. Distribution of pipelines and thrust blocks to be placed on or as close to the ground as possible;
- 2. Treatment plant supplied with stand by power;
- 3. Clearing of access road to dam and maintenance of shrubbery;

Expected results and products:

- · Access to roads to dams maintained with a five meter range on each side of raod;
- · Maintenance of shrubbery adjacent to roads leading to dam;
- · Regularly maintained standby power supply.

Total required investments: EC\$ 20 million

- Labour requirements (work/months)
- National inputs:
- Imported inputs:

Financial requirements (dollars)

- Local:
- External:
- Donation/Loan/Funding:

Potential source of financing:

Donor:

GRENADA INFR-2 PROJECT TITLE: ELECTRICAL SUPPLIES AND TELECOMMUNICATIONS

Sector: INFRASTRUCTURE

Sub-sector: Electrical and Telecommunication

Background: During Hurricane Ivan several electrical utility poles were brought down across the island. This was perhaps most concentrated in St. Georges where the density of poles is related to the fact that this town is the main population centre for Grenada. As a result of the damage to these poles, telecommunications were also affected, as cable and wireless uses the electrical poles for carrying transmission cables.

Project objectives: To reduce the vulnerability of this sector to the effects of hurricane and other storms damage, it is being recommended that an underground system of cables be established in the main centres of St. Georges and Grenville.

Duration of the project: 24 months

Date of initiation: Immediate

National executing agency: Ministry of Works and Ministry of Finance

Description of activities and tasks:

- Develop a secure electricity and telecommunication service in the two main residential and commercial communities in Grenada.
- Ensure the uninterrupted supply of electrical and telecommunications service to government complexes.

Expected results and products:

Electrical and telecommunication service with increased protection from disruption in future natural disasters.

Total required investments: EC\$50,000,000.00 Labour requirements (work/months) National inputs: Imported inputs: Financial requirements (dollars) Local: External: Donation/Loan/Funding: Potential source of financing External credit: Donor:

INFRA-4

PROJECT TITLE: SOUBISE- MARQUIS SEA DEFENSE WORKS

Sector: INFRASTRUCTURE

Sub-sector: SEA DEFENCE

Background: The area of Soubise-Marquis is very prone to flooding from storm surge effects. During Hurricane Ivan, very serious and significant damage occurred to houses in the area as a result o storm surge and wave action.

Project objectives: To reduce the vulnerability of the Soubise-Marquis community and to provide enhanced shelter for homes and for berthing of fishing vessels.

Duration of the project: 24 months

Date of initiation: Immediate

National executing agency: Ministry of Finance and Planning.

Description of activities and tasks: Creation of a dyke/revetment. The construction of offshore breakwater to reduce storm wave action and to encourage the build-up of sand on the shoreline in the toe of these structures.

• Expected results and products: It is expected that the vulnerability of this community will b reduced following these measures.

Total required investments: EC\$5,000,000.00

- Labour requirements (work/months)
- National inputs:
- Imported inputs:

Financial requirements (dollars)

- Local:
- External:
- Donation/Loan/Funding:

Potential source of financing

- External credit:
- Donor:

INFRA-5

PROJECT TITLE: RE-OPENING OF WESTERN MAIN ROAD AT SOUTHERN APPROACH TO GOUYAVE

Sector: INFRASTRUCTURE

Sub-sector: ROADS

Background: Due to a major landslide the western main road at the southern approach to Gouyave has been blocked. The landslide has revealed a potentially dangerous section of this essentia roadway, where the likelihood of further slippage is high.

Project objectives: To ensure the continued integrity of the western main road during all weather conditions.

Duration of the project: 6 months

Date of initiation: Immediate

National executing agency:

Ministry of Finance, Ministry of Works and the National Water and Sewerage Authority

Description of activities and tasks: The project is aimed at investigating the most appropriate method of restoring use of this road. Two possible mitigation methods include:

- Application of the slope stabilization techniques to the face of the slope, clearing the blocked roadway, and anchoring the toe of the slope.
- Relocation of the roadway to a lower level and protecting it by appropriately designed sea defense works.

Expected results and products:

Enhanced road safety.

Total required investments: EC\$20,000,000.00

- - (work/months)

Labour requirements

- National inputs:
- Imported inputs:

Financial requirements (dollars)

- Local:
- External:
- Donation/Loan/Funding:

Potential source of financing

- External credit:
- Donor:

ORGANISATION OF EASTERN CARIBBEAN STATES

