



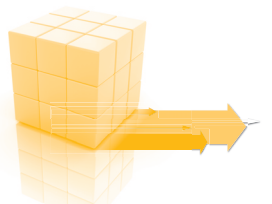
Government of The Republic of Trinidad & Tobago



*'Strengthening Efficiency,
Addressing the Challenges'*



SUPPLEMENTARY PUBLIC SECTOR INVESTMENT PROGRAMME 2010



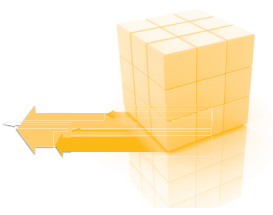


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non-energy sector. From an economic perspective, global and domestic trends have been converging to facilitate the establishment of an International Financial Centre in Trinidad and Tobago (TTIFC). The TTIFC will be a designated hub that will provide a range of front office financial services including but not limited to banking, asset management, capital market activities, specialised insurance operations and futures transactions on the international commodities markets.

The TTIFC will promote commercial banking and investment opportunities in downstream energy projects, commodities finance and trading based on the country's energy sector products, large-scale real estate development, resorts and tourism and transportation projects such as ports, airports, shipping and support facilities.

In this regard, Government has established three (3) State Enterprises as limited liability companies to ensure that its objectives are met with regards to having a modern financial centre.

Trinidad and Tobago International Financial Centre Management Company Limited

In support of diversification within the financial sector, Government has established the Trinidad and Tobago International Financial Centre Management Company Limited to promote the TTIFC domestically and internationally as an attractive location for business and investment activities as well as a credible financial centre and a leader within its targeted area of focus.

The company, in keeping with the Government's Vision 2020 goals, is to ensure the growth and development of the TTIFC. This includes the provision of policy recommendations to support the expansion of the

International Financial Centre Management Company (IFCMC), in terms of tax, legal, regulatory, human capital development and Information and Communication Technology (ICT) requirements.

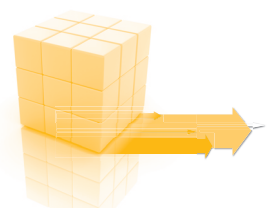
Trinidad and Tobago Revenue Authority Management Company Limited

Government in keeping with its objectives of having a modernised financial sector has taken measures to establish the Trinidad and Tobago Revenue Authority (TTRA) which will allow for greater efficiency and effectiveness in the collection of revenue. To this end, Government has established the Trinidad and Tobago Revenue Authority Management Company Limited to provide project oversight of the TTRA.

The National Information and Communication Technology Company Limited

One of the fundamental principles of Vision 2020 is the need to have modern technology and a communication infrastructure which will facilitate access to broadband, video and security services and connectivity. Government anticipates that all citizens, including over sixty percent (60%) of households will have access to Government e-services, this includes e-learning, e-commerce, e-culture, e-security, e-Government and e-health.

This ambition will be transformed through The National Information and Communication Technology Company Limited which will maximise the successful delivery of Government services and foster a competitive local Information and Communication Technology environment.



State Enterprises

Introduction

The State Enterprise Sector is comprised of fifty seven (57) companies of which forty six (46) are wholly owned; six (6) majority owned and five (5) in which Government has a minority shareholding.

These enterprises are involved in training, provision of social services, infrastructure development, the gas and oil industry, banking and financial services, manufacturing and transport and communication.

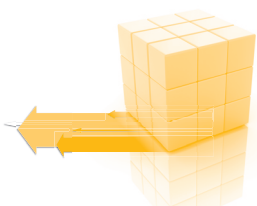
Governments' equity holding in these enterprises totaled \$7,969.2 million. In financial year 2008, these enterprises realised a total net profit of \$8,021.5 million. The Sector also contributes to the economy through foreign exchange earnings, employment, dividend payments and taxes.

In financial year 2008, Enterprises that contributed significantly to Government's revenue are outlined as follows:

Enterprises	Profit Before Tax \$Mn	Corporation Tax \$Mn	Foreign Exchange \$Mn
Petrotrin	5,201.3	2,735.3	3,633.6
NGC	6,635.7	2,240.0	4,667.2
NEL	654.4	142.9	525.6
NP	58.2		

Profit by Sector:

Sectors	Profit After Tax 2008 \$Mn
Energy and Energy Based	6,948.3
Financial Services	845.8
Manufacturing and Agro-Based	(4.8)
Services	176.7
Transport and Communication	55.5
TOTAL	8,021.5



E-Auction

In 2006, the Ministry of Finance embarked on a programme of increasing transparency, accountability and value for money in the State Sector as a part of its overall policy to reform government procurement. Since then e-Auctions have become a crucial element of this reform initiative. E-Auction is a procurement tool using web-based software that allows suppliers to bid online for a contract for the supply of goods or services. This procurement tool offers an efficient, open and transparent method for submission of prices or schedules of rates, for consideration as a criterion in securing the most economically advantageous tender as part of a procurement process allowing for savings of up to thirty percent of traditional costs.

To date, e-Auctions have resulted in transparent and efficient transactions and have generated clear audit trails of the entire bidding process in a wide cross-section of enterprises in both the private and public sectors globally.

Further, a joint e-Auction event was held in December, 2008 in collaboration with Petroleum Company of Trinidad and Tobago Limited for the procurement of IT hardware. Based on traditional prices paid, the items were valued at US\$406,836.35. The auction resulted in bottom-line savings of US\$32,604.68 (TT\$205,409.48) an average of 8% savings. The nine (9) State Agencies which participated in the joint e-Auction event were:

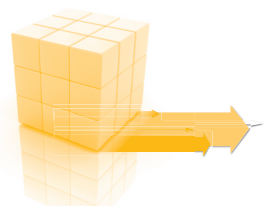
- Education Facilities Company Limited (EFCL)
- Evolving TecKnologies and Enterprise Development Company Limited (e-TecK)

- Trinidad and Tobago Electricity Commission (T&TEC)
- National Entrepreneurship Development Company Limited (NEDCO)
- Phoenix Park Gas Processors Limited (PPGPL)
- Petroleum Company of Trinidad and Tobago Limited (PETROTRIN)
- Water and Sewerage Authority of Trinidad and Tobago Limited (WASA)
- Trinidad and Tobago National Petroleum Marketing Company Limited (NP)
- National Flour Mills (NFM)

The next joint e-Auction event is scheduled to be held on September 11th 2009 and will be for the procurement of computers, laptops and paper. Fifteen (15) State Agencies are expected to participate in the event.

In September 2009, the Ministry of Finance will be launching an e-Auction manual outlining the e-auction process.

Government in fiscal 2010 is continuing the implementation of e-Auction in the State Sector and another collaborative State Agencies e-Auction event for the procurement of Personal Protective Equipment is scheduled for November, 2009.



OVERVIEW

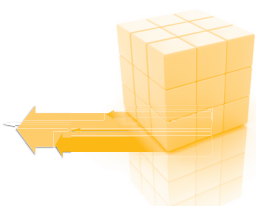


The Supplementary Public Sector Investment Programme (SPSIP) highlights all capital infrastructure projects funded by State Enterprises and Statutory Authorities, either through internally generated funds or loan financing. For fiscal 2010, the State Enterprise Sector will continue to focus on national development in the following priority areas:

- **Economic infrastructure**
 - business and trade expansion
 - electricity
 - tourism
 - transport and communication

- **Social infrastructure**
 - education and training
 - housing and settlements

- **Administration**
 - public order and safety
 - public administration



REVIEW OF THE SUPPLEMENTARY PUBLIC SECTOR INVESTMENT PROGRAMME 2009 AND PROJECTIONS FOR 2010

ECONOMIC INFRASTRUCTURE

Business and Trade Expansion – Energy Sector

The National Gas Company of Trinidad and Tobago Limited (NGC)

The National Gas Company of Trinidad and Tobago (NGC) was founded in 1975 to purchase, compress, transport and distribute natural gas to industrial users. The company has maintained its corporate responsibilities and has dedicated a focus on developing the country's resources – its natural gas and its people.

Corporate Social Responsibility (CSR)

As a State Enterprise, NGC is focused on national development. In this regard, the company has a comprehensive corporate citizenship programme which includes corporate contributions and sponsorships and a community involvement outreach which places emphasis on those communities which are impacted by the pipeline network.

Under NGC's corporate citizenship programme, assistance is given in five (5) categories – arts and culture, education, sport, human and social development and stakeholder relations. Some of the programmes under NGC's corporate citizenship programme are:

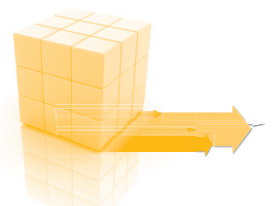
- Contributions under deeds of covenant to Non Government Organisations (NGOs) providing social, welfare and educational services.

- Sponsorship of the Tobago House of Assembly (THA) Annual Primary Schools' Agricultural Science Competition.
- Sponsorship of San Fernando Junior Arts Festival (San Fest)
- Sponsorship of track and field games of Caroni and St. Patrick Education Districts and Moruga zone.

Under community involvement, NGC has adopted a structured approach to assisting communities, mainly through engaging them in a needs assessment so as to best provide support. The community and economic development programme is divided into two (2) segments: facilities development and capacity building.

Current projects under facilities development include:

- Refurbishment of the Guayaguayare Community Centre.
- Refurbishment of recreation grounds at Mayaro, St. Mary's, Lower Barrackpore and Basse Terre – all done in partnership with SPORTT.
- Upgrade of Ste Madeline Children's Play Park – in partnership with the Princes Town Regional Corporation.
- Upgrade of grounds of Ste Madeline Secondary School and St. Francois Girls' College – in partnership with SPORTT.



Capacity building projects in progress include:

- Plant Process Operator Training.
- Hyperbaric Chamber Technician Training.
- Boat Engine Repairs Training
- Building Construction Technology Training.

The company has also established a Public Education Unit to interact with citizens through direct visits, exhibits, school tours, project site work and community and youth group meetings to ensure that impacted communities are educated on natural gas and are sensitised to what is taking place in their neighborhood.

Environmental Preservation

Health, Safety and the Environment Issues are a major focus of the company. To this end, NGC has adopted a “no net loss principle” with respect to the removal of forest. The company has committed to reforestation of land. Accordingly, the company is re-foresting three hundred and fifteen (315) hectares of degraded forest at six (6) locations across the Southern region of Trinidad.

In Phase 1 of the programme, the company successfully replanted approximately 13,000 seedlings comprising mixed hardwoods and fruit species, over an area of 42.8 hectares and enjoyed a survival rate of 90% which exceeded the 80% survival rate established by the Forestry Division. In this phase, NGC adopted a community-based approach for the implementation of the programme whereby community groups living in close proximity to the reforestation sites, now known as Community Re-Leaf Blocs, were formed and engaged to execute the reforestation works.

In Phase 2, NGC proposes to replant an additional eighty five (85) hectares of forest as well as maintain locations planted during Phase 1. Part of this phase includes partnership with the Civilian Conservation Corps (CCC), initially on a pilot basis, at one reforestation site in Mayaro to maintain the reforested site and establish a nursery as a source of supply for NGC’s forest plantation.

The company noted that the CCC curriculum included a module on reforestation in which CCC trainees are expected to participate in practical field activities

involving reforestation. This component aims to teach the participants the importance of forests as a functioning ecosystem.

Along with practical reforestation experience, which will provide the CCC students with a better understanding of the importance of environmental preservation and protection, NGC also arranged for the ‘reforesters’ to be trained by the Eastern Caribbean Institute of Agriculture and Forestry (ECIAF) in theoretical and practical aspects of reforestation. This reforestation project is fully funded by NGC.

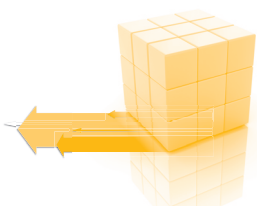
Core Business

NGC continues to play a critical role in the development of the country by expansion of gas-based industries in Trinidad and Tobago. During fiscal 2009, NGC continued work on several projects aimed at improving the infrastructure to support the expansion of the natural gas industry and its transformation into liquefied natural gas (LNG), methanol, ammonia, iron and steel and other gas-based products.

The company is implementing capital projects in excess of \$5.0 billion which are at various stages of development. The projects are all internally managed, utilising reputable local and international service providers. NGC maximises the use of local resources where possible. Major projects under development are:

Transmission Pipeline

- o *North Eastern Offshore Pipeline (NEOP)* – this project involves the construction of a 36” inch diameter offshore pipeline at the North Eastern Offshore (NEO) from BHP Billiton field to the 36” Beachfield Upstream Development (BUD) pipeline. This pipeline opens access to new gas fields where there is an absence of gas pipeline infrastructure. This will allow access to the BHP Angostura and Kairi Plus and EOG Toucan fields. The completion of this project will create opportunities to develop other marginal fields from lower unit infrastructure development costs and create new source of gas for domestic consumption. The estimated cost of the project was \$2,362.5 million and was revised



to \$2,444.4 million. The project commenced in 2006 and was scheduled for completion in 2010. The revised date for completion is now in the first quarter 2011. Financing arrangement comprise of 80% debt and 20% equity.

An amount of \$709.9 million was expended over the period October 2008 to June 30, 2009 for detailed engineering and design, procurement of concrete coated line pipes, construction of interconnection facilities, surveys, environmental impact assessment and project management services. The budgeted expenditure for the quarter ending September 2009 is \$395.6 million to be utilised for engineering, completion of procurement of concrete coated line pipes and other materials, construction of interconnection facilities, project management and commencement of pipeline construction.

The project is 47.2% complete compared to planned of 38.4% as at June 2009. The amount of \$884.8 million is allocated for fiscal 2009-2010 for project and construction management, procurement of valves and other materials and construction of pipelines.

- o *Beachfield Upstream Development (BUD) Pipeline and related facilities* – NGC completed the construction of a 66 km pipeline which includes 63 km offshore and three (3) km onshore 36” pipeline from bpTT’s Cassia Platform to Abyssinia with a capacity to transport 600 mmscfd as well as the construction of a new state-of-the-art Slug Catcher facility at Beachfield, Abyssinia.

The original estimated cost of the project was \$863.4 million but was revised to \$1,436.7 million. Financing arrangement was provided utilising a debt to equity ratio of 80% to 20%. The project commenced in 2002 and was completed in 2008. The onshore and offshore pipelines and facilities are currently in operation. In fiscal 2009, an amount of \$50.2 million was incurred for commissioning of the pipeline.

Distribution Pipelines and Related Facilities

- o *Point Lisas Ring Main* – This project involves the construction of a 36” pipeline loop to the Point Lisas Main Ring to extend the existing distribution network by six (6) kilometers along NGC’s Right of Way (Row) into Point Lisas. This project is one of NGC’s initiatives to expand its distribution network. The objectives of this project are:
 - i. To satisfy the needs of the new large industrial customers by ensuring stable delivery pressures in excess of 250 pounds per square gauge (psig) in the Point Lisas Industrial estate.
 - ii. To maintain the design life of the distribution network in Point Lisas by minimising flowing gas erosional velocities.

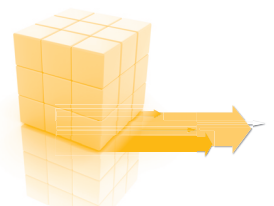
The project commenced in 2005. Mechanical completion of the pipeline and subsequent commissioning was completed on November 1, 2008. Civil engineering construction works required to bring the project to final completion was accepted in April 30, 2009.

As at June 30, 2009, the sum of \$76.7 was committed to the project for project engineering, design, environmental services, procurement, pipeline construction and civil engineering works.

For the period October 2008 to June 2009, the sum of \$5.7 million was expended. The major activities completed during this period were:

- o Mechanical completion of the pipeline.
- o Hydrostatic Testing of the pipeline.
- o Completion of the Certified Verification Agent’s (CVA’s) review and obtain approval form the Ministry of Energy & Energy Industries.
- o Pipeline Commissioning.
- o Civil Engineering Works.

A second tie-in at the Phoenix Park Intermediate Station was in the original project scope however, this was not completed. An engineering study of the next tie-in option reveals a more viable



proposal. This would form the basis of another project. Accordingly, no additional expenditure was allocated on this project.

- o *Pipeline to Union Estate* – NGC is constructing a gas supply pipeline to the Union Estate as well as an extension of the gas supply pipeline to La Brea Industrial Development Company Limited (LABIDCO) for light industrial users. NGC commenced the construction of an 11 km, 24" diameter spur pipeline, inlet pressure control, and metering and regulation control to deliver 250 mmcf from the 24" NCMA BG pipeline at Guapo Bay to Union Estate. NGC is also constructing a low pressure plastic line from Union Estate to LABIDCO estate to service prospective customers in the Estates. Pipes for the construction of the pipeline and a number of large bore valves have already been procured and were received. The design for the low pressure plastic line from Union Estate to LABIDCO estate to service prospective customers in the Estate is to be revised based on new gas demand for the LABIDCO Industrial Estate.

The estimated cost of the project was revised to \$217.0 million. The scope of the project was redefined in 2008 to provide for an alternate supply of gas off the 56" CIP. NGC is funding this project from internally generated funds.

Actual expenditure incurred for the period October 2008 to June 30, 2009 was \$27.9 million. The funds were utilised for Quality Assurance/Quality Control (QA/QC) Services for pipe manufacture and coating, construction of pipe storage yard, manufacture, coat and ship pipes and final payment on valves have been completed. All planned activities for the period were completed on time and within budget. The budgeted expenditure for the quarter ending September 30, 2009 is \$20.1 million which will be utilised for engineering, design and equipment procurement.

Completion of pipelines, gas facilities and commissioning is anticipated in 2010.

- o *Pipeline to e-Teck Wallerfield* – NGC is involved in the construction of a 3 km 6" supply line and a 10 km 6" low pressure distribution network in the e-Teck Tamana Park, Wallerfield to supply light industrial customers.

The pipeline construction will be undertaken in two (2) phases. The first phase involves the short term extension of a 6" Mahaica pipeline via a spurline to supply up to 2.5 mmcf. The second phase involves the construction of an 18" to 20" pipeline from Phoenix Park to Wallerfield.

The estimated cost of the first phase was \$14.4 million and this was revised to \$10.74 million. The project is funded from internal funds. The project is being constructed over the period 2007 to 2009. Expenditure to June 2009 was \$3.3 million. Construction is in progress with scheduled completion of December 2009.

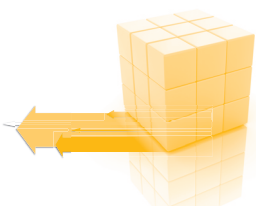
- o *North West Peninsula Phase III to Diamond Vale* – NGC is also involved in the construction of a 6 km 6" diameter pipeline from Westmoorings to e-Teck's Diamond Vale Industrial Estate to supply natural gas to light industrial users.

The estimated cost of the project is \$27.6 million. This project commenced in 2006 and was scheduled for completion in the first quarter of 2009. NGC is funding this project from internally generated funds. This project was deferred.

- o *Pipeline to Longdenville* – NGC commenced construction of a pipeline to Longdenville to supply light industrial users. The project commenced in 2007 and was scheduled for completion in the first quarter of 2009. The estimated cost of the project is \$16.0 million. NGC is funding this project from internally generated funds.

Design work, Right of Way (ROW) acquisition and material procurement are in progress. Pre-lay survey works have been completed.

Actual expenditure incurred during the period October 2008 to June 2009 was \$0.75 million for survey works, Environmental Impact Assessment



(EIA) and material procurement. Construction works have been delayed to 2010 due to other priority works coupled with constraint on in-house resources.

- o *Pipeline to Gulf City/Otaheite* – this project involves the construction of a 6" natural gas pipeline network to supply customers at Gulf City, Otaheite and San Fernando. The estimated cost of the project is \$7.0 million. This project was deferred.
- o *Pipeline to Ammonia, Urea and Melamine (AUM) Plant* – NGC is constructing a 12" pipeline to supply the AUM complex. The complex is divided into two (2) separate sites within the Point Lisas Industrial Estate. The ammonia plant which requires 70.7 mmcf/d will be located on the N2000 compound and will be supplied by the 12" pipeline where as the downstream plant will be located west of the Atlas Methanol Plant and requires 13.6 mmcf/d. This plant will be supplied by a 6" pipeline. This project also involves the construction of stations for the delivery of gas to the upstream and downstream sides.

The estimated cost of this project is \$10.3 million. Funding is provided by NGC from internal funds. As at June 30, 2009, \$9.3 million was expended. Project engineering, design, environmental approval, procurement, pipeline & meter station construction and commissioning at both sites have been completed. The connections of the Upstream and Downstream meter stations to the SCADA system are to be completed. This project commenced in April 2009 and is scheduled to be completed by December 2009.

Completion of the installation of the SCADA facilities for the upstream meter station and budgeted at \$0.06 million, is planned for the quarter ending September 30, 2009.

Planned activity for fiscal 2010 is completion of the installation of SCADA facilities for the downstream meter station at a budgeted expenditure of \$0.06 million. The project is expected to be completed by December 2009.

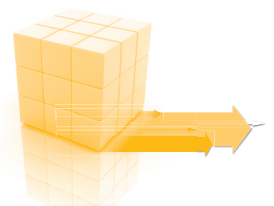
- o *Pipelines to Small Customers* – NGC continued the construction of pipelines to supply small consumers on several projects. NGC had estimated an amount of \$12.4 million for this project. Actual expenditure as at June 30, 2009 was \$1.75 million. Pipelines to the Government Campus Plaza, One Woodbrook Place and the Pipeline & Metering Facility Station, Beetham were completed.

An amount of \$7.03 million is allocated for the quarter ending September 30, 2009 to carry out works on the following projects:

- Natural Gas Supply to Ethlchem Ltd - construction in progress;
 - Natural Gas Supply to Marabella Secondary School - construction to commence by September 2009;
 - Natural Gas Supply to Couva Secondary - construction to commence by December 2009; and
 - National Academy of the Performing Arts - construction to commence by December 2009.
- o *Phoenix Park Valve Station Upgrade* – this upgrade includes the design and installation of an above-ground slug catching system of suitable size, a flare system to burn all gas currently vented during pigging operations as well as improving the condensate holding facilities. The project involves the construction of a new 3000 Barrel Slug Catcher and Liquid Handling Facility which will provide cleaner fuel and provide a more reliable gas supply.

The objective of this project is to improve the reliability of the slug catching facilities, to eliminate safety risks associated with venting of gases and facilitate the safe and cost effective disposal of condensate from the station.

The estimated cost of the project was \$197.4 million but was revised to \$386.8 million and was further revised to \$450.5 million. The project commenced in 2006 and was scheduled to be completed in 2009. However, due to some delays incurred in obtaining



the final design for the plant, the completion date was revised to March 2011. This project is being financed from internal funds.

An amount of \$91.0 million was provided in fiscal 2009 to finalise all design works, complete procurement and commence civil works. Actual expenditure incurred for the period October 2008 to June 2009 was \$57.1 million. In fiscal 2010, construction would commence with pre-commissioning and commissioning scheduled for December 2010. An amount of \$99.4 million is provided for these works.

- o *Investment in Air Conditioning Plant* - NGC launched its Build, Own, Operate and Transfer (BOOT) Programme to pioneer the use of natural gas for gas cooling

The company has earmarked the eTeck's Wallerfield Eco Park for its pilot Air Conditioning Cooling Project. The Park is intended to attract light manufacturing companies. A modular district cooling plant utilising gas fired air condition is to be established. The estimated cost of this project is \$60.0 million. Funding for this project will be provided by eTeck.

- o *New Pipeline and Metering Station to Petrotrin* – NGC proposes to replace the existing Petrotrin metering station which presently is supplying 65-75mmscfd of natural gas with a new station capable of supplying 110mmscfd to meet the expected increase in demand of 25mmscfd from the World Gas to Liquid Plant plus 10%. To this end, engineering, design, procurement and construction activities have been planned to facilitate the construction of a new Pipeline & Metering Station in Petrotrin.

The estimated cost of the project is \$11.0 million. The project is scheduled to be implemented over the period March 2009 to March 2010. Financing is provided from internal funds.

For fiscal 2009, an amount of \$7.8 million was provided to purchase all materials. Construction

is scheduled to commence in January 2010 and be completed by March 2010 at an estimated cost of \$3.1 million.

- o *Pipeline and Metering Station to Trinidad Generation Unlimited* – NGC has a commitment to supply Trinidad Generation Unlimited with 150mmscfd of natural gas at their Union Industrial Estate facility. To this end, engineering, design, procurement and construction activities have been planned to facilitate the construction of a Pipeline & Metering Station to the Trinidad Generation Unlimited facility.

The estimated cost of the project is \$8.0 million. The project is scheduled to be implemented over the period July 2009 to March 2010. Financing is provided from internal funds.

For fiscal 2009, an amount of \$5.5 million was provided to purchase all materials. Construction is scheduled to commence in January 2010 and be completed by March 2010 at an estimated cost of \$2.5 million.

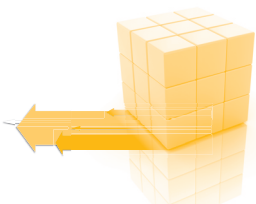
- o *Pipeline and Metering Station to Carisal Unlimited's Chlor Alkali Plant* – NGC is contracted to supply a DCO (Daily Contract Quantity) of 8mmscfd to the Carisal Unlimited's Chlor-Alkali Plant. Accordingly, engineering, design, procurement and construction activities have been planned to facilitate the construction of a Pipeline & Metering Station to the Carisal Unlimited's Chlor-Alkali Plant.

The estimated cost of the project is \$4.5 million. The project is scheduled to be implemented over the period January 2009 to May 2010. Financing is provided from internal funds.

For fiscal 2009, an amount of \$2.9 million was provided to purchase all materials. Construction is scheduled to commence in March 2010 and be completed at an estimated cost of \$1.6 million.

Financial Capital

- o *Jamaica LNG Gas Terminal* – This project involves the supply of natural gas to Jamaica. The expenditure



for the project would be apportioned between Petrojam of Jamaica and NGC on a 60% to 40% ratio. No major expenditure is anticipated for fiscal 2010.

- o *Pipeline to the Eastern Caribbean* – This is the construction of a pipeline facility to service the Eastern Caribbean. NGC holds 10% equity in this project and would utilise internal resources to finance its equity contribution. Project development works are ongoing. Funds allocated for the fiscal 2010 is \$7.62 (US\$1.2) million. Investors are seeking to secure a stakeholder or partner to take a majority share of the investment. Final approval is being sought from the Government of Barbados which is expected to be received by the end of 2009.

National Energy Corporation of Trinidad and Tobago Limited (NEC)

NEC is a wholly owned subsidiary of NGC. The company is responsible for developing and managing the marine assets at Point Lisas and the La Brea Industrial Estates. NEC is assisting NGC in attracting new investors to Trinidad and Tobago. The company is involved in transforming Union Estate at La Brea into world class industrial parkland for the location of large-scale energy plants.

NEC is also involved in the promotion of associated downstream industries. The company also provides marine and infrastructure facilities for new and existing investors.

In 2008, NEC implemented the following projects:

- o *Administration building* - NEC had estimated an amount of \$5.67 million to construct an extension of its main administrative office building to provide additional offices and parking facilities. The project was funded from internally generated funds. This administration building was completed.
- o *Savonetta Pier 3* - NEC had allocated an amount of \$91.7 million to purchase the Savonetta Pier from NGC. NEC funded this project from internally generated funds. This project was completed
- o NEC had allocated an amount of \$11.39 million to be utilised to acquire motor vehicles, furniture,

fixtures and office equipment, machinery and equipment and other capital items. These acquisitions are being financed from internal funds and are procured on an as need basis.

For fiscal 2009-2010, NEC will continue to implement the following projects:

- o *Tugs and Launch* - the scope of works entails the acquisition of two (2) tugboats for additional towage services and a launch to transport customs officials, agents, pilots and other passengers to and from vessels. The addition of these tugs will meet the increased demand for tug services resulting from the new industrial estates and the increased regional demand. The estimated cost of the Tug is \$50.0 million. An amount of \$15.2 million was allocated for fiscal 2009 to make a down payment towards the purchase of the tug. This purchase was expected to be completed by December 2010. However, the down-payment was deferred.

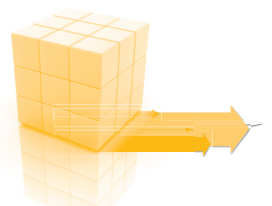
Accordingly, the acquisition was revised to \$104.2 million and extended to 2011. An allocation of \$104.2 million is provided for fiscal 2009 to 2010 for the acquisition of two tugboats for additional towage services and a launch to transport customs officials, agents, pilots and other passengers to and from vessels. Funding will be provided from internally generated revenue.

- o *Acquisition of Machinery and Equipment* - NEC has allocated an amount of \$2.0 million to purchase machinery and equipment for the Piers in 2009 to improve efficiency of operations. The acquisition was deferred.

An allocation of \$0.8 million is provided for fiscal 2009–2010 for the acquisition of machinery and equipment.

- o *Acquire Computer Hardware & Software* - an amount of \$0.7 million was allocated for fiscal 2009 to acquire new computers to improve performance. The acquisition was deferred.

- o *Furniture & Fixtures* - NEC has allocated \$0.5 million towards the purchase of furnishings in fiscal 2009. The acquisition was deferred.



An allocation of \$1.0 million is provided for fiscal 2009–2010 for the acquisition of furniture, office equipment, and computer hardware and software.

- o *Motor vehicles* - an amount of \$1.0 million was allocated in fiscal 2008-2009 to purchase vehicles. These purchases are undertaken by NGC, the parent company.
- o *Administrative Complex* - NEC had allocated an amount of \$15.0 million in fiscal 2009 for the design and construction of a multi-storied office complex. This complex will provide housing for NEC and leasing of office space to prospective tenants. This project has since been postponed.
- o *Tug Mooring Facility* - an amount of \$1.7 million was provided in fiscal 2008-2009 to carry out civil works to upgrade the tug mooring facility to allow for the storage and handling of customer cargo and facilitate the maintenance of vessels. The scope of the project includes the use of a crane for transferring cargo and equipment onto and off tugs, as well as an on-site storage and workshop facility. This facility would increase efficiency and provide additional services. The facility would also be utilised to store spares for ships and will accommodate an area to facilitate repairs. This project was deferred.

For fiscal 2009-2010, an amount of \$0.4 million is allocated to acquire a crane to facilitate movement, storage and handling of heavy cargo at the facility.

- o *Brighton Port - Alutrint Material Storage & Handling Facilities* – this project involves the construction of the material storage yard and handling facilities for the smelter plant. This includes all equipment, infrastructure and other facilities for the transfer of raw materials and finished product to and from the smelter plant. The estimated cost of this project is \$600.0 million. Financing arrangement is being provided utilising a debt to equity ratio of 80% to 20%. The project is scheduled for implementation over the period 2008 to 2010.

For fiscal 2008-2009, an amount of \$349.7 million was provided towards this project. However,

construction was delayed due to additional time taken to complete geo-technical studies.

For fiscal 2009-2010, an amount of \$397.01 million is provided towards this project.

- o *Savonetta Pier 2, 3 & 4* - the scope of this project includes works to upgrade Savonetta piers 2, 3 and 4. For fiscal 2009, an amount of \$1.0 million was provided towards this project. However, the project was deferred.

Accordingly, improvements at the Savonetta pier facilities to accommodate vessels and handle cargo was revised to \$3.86 million and extended to 2010. An allocation of \$3.86 million is provided for fiscal 2009-2010 to carry out improvement works.

- o *Conveyor System* - the scope of this project includes the construction of a conveyor system for the transport of raw material and finished product to and from the smelter plant. The estimated cost of this project is \$170.0 million. The project is scheduled for implementation over the period 2009-2011. Financing arrangement is being provided utilising a debt to equity ratio of 80% to 20%.

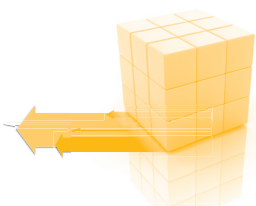
For fiscal 2009-2010, an amount of \$85.05 million is provided towards this project.

- o *Drydocking* - NEC has scheduled the Drydocking of four (4) vessels, for major repair work. The estimated cost of this project is \$2.15 million. The project is scheduled for implementation over the period 2009 to 2010. Financing will be provided from internally generated revenue.

For fiscal 2009–2010, an amount of \$2.15 million is provided towards this project.

La Brea Industrial Development Company Limited (LABIDCO)

LABIDCO is owned 83% by NGC and 17% by PETROTRIN. The company provides industrial land for leasing, lay-down and fabrication yard facilities, bio-remediation, and port and dock services at the La Brea Industrial Estate and the Port of Brighton. The company



also offers developed sites and infrastructure which includes a three hundred and eighty (380) acre block of developed lands which could accommodate eighteen (18) tenants.

LABIDCO offers customers facilities including a twenty five (25)-acre fabrication yard facility with a seventeen (17)-acre common yard space and a four (4)-acre block for long term leasing. The Port of La Brea has a natural deep water harbour which was developed to a dock length of 300 metres with a dredged depth of 12.5 metres and a capacity to handle up to 3,000 tonnes on a platform accommodating vessels up to 220 metres in length all over (LOA). The La Brea Industrial Estate provides opportunities for skilled and semi-skilled construction labour including welders and fabricators, crane operators, riggers and quality control inspectors.

In 2009, LABIDCO continued to implement the following projects aimed at upgrading the infrastructure facilities at the La Brea Industrial Estate:

- o *Secondary Access Roads* – this involves development work on access roads to maintain the infrastructure for existing and new tenants as well as upgrades on the sectional drains. The estimated cost of these works was \$0.7 million. Funding for this project is provided from internal funds.

For fiscal 2009, LABIDCO allocated an amount of \$3.2 million to construct drains to prevent flooding in the estate and an amount of \$4.8 million to construct new access roads to allow easier access for existing and new tenants. This project is now incorporated in Access Roads Development of Site

- o *Construction of Guard Booths* – this project involved the construction of two (2) guard booths at the main access point complete with gates and fence to ensure security of assets. The estimated cost of this project was \$0.9 million. The project was cancelled. A refurbished 40ft container was utilised as an alternative arrangement.
- o *Port Development* – this project involves remedial work on Berth 1, construction of a port warehouse, development of Zone 2 to include paving, lighting and water and the installation of fire fighting infrastructure. This project was estimated at

\$37.5 million but was revised to \$49.0 million. This project will be funded from internal funds. Work commenced in March 2008. An amount of \$29.4 million was allocated for fiscal 2008-2009 to undertake construction of Berth 1. However, the scope of the project was changed. A separate project Berth I Demolition and Reconstruction has been identified.

- o *Bio Remediation Facility Development* – this involves the provision of upgrade of lighting, construction of a retaining wall and remedial works on the land farm access road. The estimated cost is \$1.3 million. Funding is to be provided from internal funds.

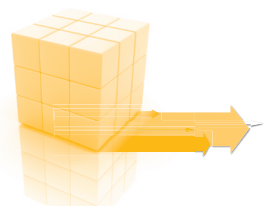
The sum of \$1.2 million was allocated in fiscal 2009 in order to undertake additional site lighting and expansion in the electrical infrastructure of the bio-remedial facility. This project was postponed.

- o *Waterline Extension and Water Distribution Network* – this project involves the installation of lines to the centre of the estate and the installation of fire hydrants to supply water to the lots and comply with safety standards. The estimated cost of the project is \$0.5 million. This project was scheduled for implementation over the period 2008 to 2009. Funding is to be provided from internally generated funds.

An allocation of \$0.5 million was provided for fiscal 2008-2009. This project was deferred.

- o *Corridor Works, Drains & Lighting* – LABIDCO had planned to carry out work along its corridor at an estimated cost of \$6.3 million. Work included completion of the drainage network on the estate as well as modifying existing drains because of the changing occupancy patterns and alterations to the original layout of the estate as well as installation of lighting along the corridors of the estate to improve security. This project is revised annually and is executed as and when tenants take up occupancy.

Drains Corridor – a sum of \$1.0 million was allocated in fiscal 2009 – 2010 for installation of 500 metres drains on the LABIDCO estate.



Corridor Lighting - an amount of \$1.1 million is to be allocated in fiscal 2009 – 2010 for the installation of lighting along the corridors of the estate to improve security.

Funding for these projects is to be provided from internally generated funds.

- o *West Gate/Environment Site Development* – this involves development work inclusive of road networking and drainage, as well as environmental costs associated with the reclamation of land for cargo storage for the Alutrint Dock. This project is estimated at \$3.3 million. This project was subsumed in Brighton Port which is being undertaken by NEC.
- o *Utilities Upgrade* – this includes the replacement and modification of the existing water line system as well as the relocation of the 33 kV system and remedial works on the electrical infrastructure. The estimated cost of this project is \$1.9 million. This project was completed.
- o *Well Re-abandonment* – the scope of works of this project involves work to address oil seepages on the estate to include capping of abandoned wells to reduce contamination and prevent environmental issues. The estimated cost of the works is \$1.5 million. Funding is provided from internally generated funds.

An allocation of \$3.0 million was provided in 2009 to construct facilities to contain the effluent of oil and gas and remove the hydrocarbon contamination. There are six (6) leaking wells/clusters on the estate to be capped. It has become necessary to construct facilities to contain the effluent of oil (and gas) and to remove the hydrocarbon contamination on a periodic basis. Costs of this project have been deferred. Based on revised submissions, estimated costs of \$6.0 million is expected to be undertaken for 2009-2010 period. Work is to be executed as tenants take up occupancy.

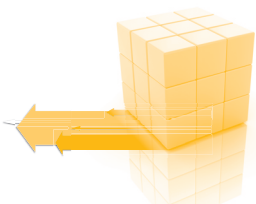
- o *Port Office Building and Warehouse* – this involves the construction of a new administrative complex and warehouse to house staff of LABIDCO, Customs,

Plant Quarantine, Immigration, Designated Authorities and Port Operations. The project will also include a paved area for cargo storage. The warehouse will be rented and the office space will be leased. The project commenced in 2008 and is scheduled for completion on May 31, 2010. The estimated cost of the project is \$22.0 million. Funding for this project is being provided from internal funds.

A sum of \$17.6 million was allocated in fiscal 2009. The scope of the project was changed to the construction of only an administration building. The project was deferred to 2009 – 2010.

- o *Office Equipment* – LABIDCO had allocated an amount of \$1.1 million in fiscal 2009 to acquire five (5) computers, a pool vehicle, furniture and fixtures and miscellaneous office equipment. However, acquisition of the items was deferred. An amount of \$0.4 million is allocated in fiscal 2009-2010 for the acquisition of machinery, equipment, furniture, and computers.
- o *Surveying/Cadastral & grading of lots/land preparation* – This project involves the Commissioning of Surveys to reflect changes in the layout of the estate. An allocation of \$3.5 million was provided for fiscal 2009 to prepare cadastral sheets for alteration of the original layout to document changes and grade the steep slopes at the southern end of the estate to allow easy access and occupation for new tenants. Funding will be provided from internal funds. An amount of \$0.1 million is allocated to this project in fiscal 2009- 2010.
- o *La Brea Berth 1 (Demolition & Reconstruction)* - Berth 1 where vessels dock to load and unload cargo has suffered structural damage. As a result, it is being demolished and reconstructed. Works budgeted for in 2007 - 2008, however, were undertaken in 2008- 2009.

The estimated cost of the project is \$53.9 and is scheduled for implementation over the period January to August 2009. An amount of \$35.2 million was allocated for the year 2008-2009. Financing is



being provided from internally generated revenue. Expenditure for the period October 2008 to June 2009 was \$28.8 million and was utilised for piling works. An allocation of \$25.0 million is provided for the quarter ending September 30, 2009 to carry out construction works. The project is 70% completed and is expected to be completed by September 30, 2009.

- o *Access Roads Development of Site* - access roads to be developed as more tenants take up occupancy of the industrial estate. Completion of Estate Infrastructure to service new Tenants, Installation of 2,600 metres of road with drainage.

An amount of \$4.8 million was allocated for fiscal 2008-2009 for the development of access roads. However, costs were deferred. The estimated cost of the development is now \$26.0 million. This project is scheduled for implementation over the period 2009- 2010. Funding is to be arranged.

- o *Construction of Walkway* - to develop an access way for pedestrians at the port is estimated at \$0.03 million to be funded from internal funds. The walkway is to be constructed over the period April to June 2010.
- o *Purchase of Navigational Aids* – an amount of \$0.7 million is allocated for fiscal 2009- 2010 to purchase two (2) new navigational aids. Funding will be provided from internally generated revenue.
- o *Automated Barriers* - an amount of \$0.3 million is allocated for fiscal 2009-2010 to install automated barriers at the main entrance to the Port facility to improve the safety system. Funding will be provided from internally generated revenue. The barriers are to be installed in 2010.
- o *Re-construction of La Brea Berth # 2* - this project involves the re-construction of Berth #2 inclusive of cathodic protection. The estimated cost of the project is \$126.0 million and is scheduled to be constructed in 2010. Financing arrangements are to be made. An amount of \$25.2 million is allocated in fiscal 2009-2010.

- o *Administration Building* - an amount of \$1.0 million is allocated in fiscal 2009-2010 to undertake design works for the construction of a new administration complex to accommodate staff from companies located on Labidco and Union Estate. Funding will be provided from internally generated revenue.
- o *Land Preparation* - lots on the southern portion of the estate with steep slopes required grading prior to tenants taking occupancy. The project was estimated at \$3.0 million. This project was postponed.

Petroleum Company of Trinidad and Tobago Limited (PETROTRIN)

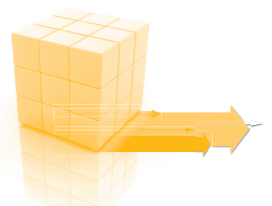
The energy sector forms the bedrock from which the economy of Trinidad and Tobago is based. Petroleum Company of Trinidad and Tobago Limited (PETROTRIN) through its predecessor companies have been in the oil and gas business for over one hundred (100) years. The company operates both on-land and off-shore, its principal activities are to explore for, produce, refine, manufacture, buy and sell petroleum and natural gas and otherwise deal in crude oil, natural gas and petroleum products.

Corporate Social Responsibility (CSR)

As a State owned enterprise PETROTRIN assisted and continues to assist the Cyril Ross Home for children diagnosed with HIV, the Mispel Halfway House for battered women and children and the J.C. Mc Donald's home for the elderly in an effort to re-knit the social fabric of families in communities and by extension the nation.

The company also assisted with the development of the education system by way of financial assistance towards school libraries and the purchase of computers, sporting equipment and other items. PETROTRIN has a history of being involved in sports. The company is well-known for sponsoring games including National and Regional Sponsorships, Southern Games, Palo Seco Games, Cricket, Football, Volleyball and Basketball.

PETROTRIN's support for local culture is unquestionable and is demonstrated through the sponsorship of Steelband, PETROTRIN Phase II Pan Grove, Tassa – PETROTRIN, Boodoosingh Tassa, Golden Hands Steel Orchestra and



Jazz. The company has also embarked on a programme with the Small Enterprising Business Association to provide training for small business.

PETROTRIN is also assisting the Fishing Industry by building relationships with the Cedros Fishing Co-operative Society Limited to ensure that the fishing industry is equipped to face challenges in the industry.

The company has also committed to assisting SERVOL to develop youths with skills for the energy sector.

Environmental Preservation

In an effort to preserve the environment, the company has partnered with conservation and preservation Organisations including:

- Fishing Pond Environment Group;
- Nature Seekers;
- Grande Reviere Nature Tour Guide Association and PAWI Sports; and
- Culture and Ecological preservation

The company also maintains the Wild Fowl Trust Department which provides environmental education and public awareness, research, breeding and re-introduction programmes for locally endangered, wetland birds as well as lobby for improved environmental policies and promote and implement the wise use of our natural resources.

Core Business

PETROTRIN embarked on a systematic approach to redesign the Organisation to meet its strategic direction commencing with the Business Improvement Plan.

- o *Business Improvement Plan* - the Business Improvement Plan which targeted market uplift through improved productivity and efficiency is in its final year. Phase 2 of the Plan is the Journey Towards Excellence (J2E) and its objective is to stabilise direct unit costs through improvements in work processes. Shell Global Solutions Incorporated was engaged for a period of five (5) years to assist the company through the transferring of knowledge.

The key initiative under development is the management of the refinery systems which are

designed to capture much of the techniques and create a sustainable improvement oriented environment. The project commenced in 2003 and is scheduled for completion in 2009. The original budget of TT\$200.3 million (US\$31.8 million) was increased to TT\$264.0 million (US\$38.08 million) due to additional man hours worked by consultants and escalation due to increase in cost index.

For fiscal 2009 \$31.0 million was paid. Final performance fee payment was made in February 2009.

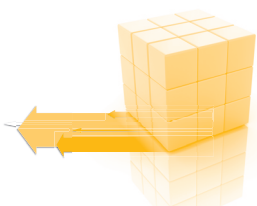
Refining and Marketing

Gasoline Optimisation Programme

PETROTRIN has embarked on one of its main projects, the Gasoline Optimisation Programme (GOP) to bring cleaner and more environmentally friendly transport fuels to the regional and international markets. This project will impact positively on profitability and viability of the company's future operation and enable the company to meet international standards. When completed, the GOP will place PETROTRIN as one of the premier suppliers of quality, environmentally friendly gasoline in the region. Benefits of the GOP include:

- an increase in finished gasoline yield of approximately 40%. This is at the expense of unfinished gasoline and vacuum gas oil and purchased isobutanes.
- an improvement of the quality of the gasoline pool in terms of an increase in the Motor Octane Number (MON) and a reduction in the Benzene and Sulfur content.
- an overall improvement in the premium product yield and concurrently a decrease in intermediate refined product yield
- improved energy efficiency and environmental compliance
- economic maintenance of throughput at 168,000 barrels per day (bpd)

The GOP involves the construction of five (5) new Plants at the Point-a-Pierre Refinery as follows:



- Fluid Catalytic Cracking Unit
- Isomerisation Unit
- Continuous Catalytic Regeneration Unit (CCR) Platforming Unit
- New Alkylation Unit/Sulphuric Acid Regeneration Unit
- Utilities and Offsites – New Boilers and Associated Works

PETROTRIN issued a US\$600.0 million Bond in 2006 to finance this project. The total estimated cost of the Gasoline Optimisation Programme increased due to the expansion in the scope of works and increases in the prices of materials and equipment. The overall cost was revised to \$8,185.3 million. PETROTRIN issued another Bond in the amount of US\$850.0 million in August 2009 to finance the GOP as well as the Ultra Low Diesel Plant.

Rationalisation of the Variance

In 2003, PETROTRIN carried out a feasibility study to improve the efficiency of the Pointe-a-Pierre refinery. This study was based on Licensor data and was conceptual in nature. During 2004 and 2005, Basic Engineering Design (BED) was done and a better indication of the project scope was developed. A study was also commissioned to identify the location of the plants in the refinery. The cost of the works increased due to changes in the scope outside battery limits (OSBL) and associated works coupled with an increase in power requirement and a resultant need to construct a new sub-station and associated works in addition to a new cooling tower. Accordingly, the cost of the GOP was increased to US\$650 million in 2005.

Throughout the years, the projects suffered from the global overheated construction industry which was fuelled by the severe competition for materials, equipment and services from the high growth areas of China, India, Europe, Middle East and Latin America with the following implications.

- These factors changed the Engineering Procurement and Construction (EPC) market and contractors were no longer prepared to bid lump sum prices. There was also decreased capacity and availability of EPC contractors and consequent escalation in cost of their services.
- The cost of services of the Project Management contractor also escalated.
- Industry capacity overload resulting in increase in lead time for equipment over a two (2) year period from 40 to 70 weeks for vessels, from 50 to 84 weeks for compressors and from 40 to 120 weeks for reactors.
- Escalation in cost of materials and equipment varied between 10-30 % per annum.

In 2006, due to the overheated global construction industry, the company encountered difficulties in obtaining lump sum bids from its pre-qualified contractors. In that regard, a lump sum bid was awarded for the CCR plant which exceeded the budget. In addition, the company was unable to obtain lump sum bids for the other two (2) plants, so hybrid lump sum cost reimbursable contracts were awarded for the FCCU and the Alkylation/Acid plants and were therefore substantially higher than the plan. Accordingly, the cost estimate was increased in 2006 to US\$843 million.

During the period 2006 to 2008, the detailed engineering was undertaken by the EPC contractors for all the plants and the full requirement of the Utilities and Offsites were being identified on a phased basis. The scope of works was significantly higher than originally conceptualised. New items of work emerging included:

- API Separator;
- Cooling Tower;
- Water Storage Tanks;
- Gasoline Storage Tanks;
- Gasoline Loading Line – on land and submarine; and
- Bulk Electrical Sub-station and Transmission Lines.

Based on these developments, the cost of the project increased from US\$843.0 million to US\$917.0 million in 2007.

In 2008, a further review of the project was undertaken and the project cost increased from \$917.0 million to \$1,300.0 million. The main reasons for this were:



- o Continued effects of the overheated global construction industry giving increase in the order of 40% in cost of equipment, materials and contracts in the cost reimbursable contracts – FCCU and Alkylation/Acid.
- o Increase in cost of the CCR and Alkylation/Acid contracts based on the six (6) and five (5) month delays respectively arising from the CEC application.
- o Significant increase in scope of the FCCU works arising from designs and construction of new structures to comply with new engineering codes, new works emerging from investigative work undertaken by the EPC contractor, relocation/removal of substantial amount of underground services and other structures in the areas of all foundations and cable trenches and the requirement to install new underground drainage systems.

Additionally, the Gasoline Optimisation Programme required the implementation of the projects by specialised international EPC contractors and the manufacture/supply of equipment and materials from international vendors. Accordingly, a full time Project Management Services Contractor was engaged to manage the programme.

It should be noted that the project also suffered from extraordinary high prices from local sub-contractors engaged on the lump sum cost reimbursable contracts and longer than anticipated construction durations. The status of the GOP projects is as follows:

- o *Project Administration* - Project Management of Engineering Procurement Construction/Engineering Procurement Construction and Management (EPC/EPCM) which was estimated at \$192.5 million was revised to \$427.9 million. Bechtel International Inc. is providing Project Management Consultancy services for the project. This project was scheduled for implementation over the period 2004 to 2009, however was revised to 2010

An amount of \$120.2 million was allocated in fiscal 2009. Fees paid over the period October 2008 to June 30, 2009 were \$20.5 million making total

expenditure to date of \$259.1 million. Project Management Services for the EPC and EPCM contractors are continuing. An amount of \$37.0 million is allocated for the quarter ending September 30, 2009.

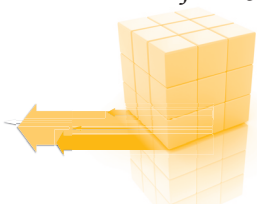
For fiscal 2009-2010, an amount of \$117.2 million is provided to continue Project Management Services which include salaries and overheads for Petrotrin as well as Project Management Consultancy Services.

- o *Fluid Catalytic Cracking Unit (FCCU)* - the upgrade of this unit will increase capacity from 26,000 barrels per standard day (bpsd) to 35,000 bpsd converting a higher percentage of vacuum gas oil to gasoline and enabling PETROTRIN to produce a better quality gasoline with improved octane ratings from 81 MON to 83 MON. Other benefits include reduced compressor maintenance levels due to reduced carbon monoxide and particle emissions.

The estimated cost of this project was \$905.5 million. The estimated cost of this unit was revised to \$2,195.5 million. This project commenced in 2004 and was scheduled for completion in 2007. However, the project was extended to 2010 due to changes to the original schedule arising from significant increase in scope of works of the FCCU which is required to comply with new engineering codes.

An amount of \$821.5 million was provided in fiscal 2009 to carry out Engineering Procurement and preparatory site work. For the period October 2008 to June 30, 2009 the sum of \$183.9 million was expended taking total expenditure to date to \$866.2 million. An amount of \$280.0 million is allocated for the quarter ending September 30, 2009.

The project is approximately 63.4% complete against a revised schedule of 69%. Detailed Engineering work continues. Foundation works completed have been completed on the new Merox Plant and installation of modules and other equipment are in progress. Piling commenced for the Third Stage Separator and Main Air Blower. In addition,



foundation works commenced for the remote power building and the Amine and Caustic tanks.

For fiscal 2009-2010, an amount of \$861.4 million is provided to continue the upgrade of the plant. Pre-construction work will continue with the major upgrade works occurring in fiscal 2009-2010 during a 90 day turn around with completion and startup in October 2010.

- o *Isomerisation Unit* – a new Isomerisation Unit is being constructed to provide the octane for light gasoline. This product is an environmentally friendly blending component that will enhance the motor gasoline pool, enabling PETROTRIN to compete in premium markets. The unit will also reduce hydrogen export to the fuel system, thereby making more hydrogen available for reaction processes.

The estimated cost of the Isomerisation Complex is \$475.9 million and was revised to \$616.7 million. This project commenced in 2004 and was scheduled to be completed in 2008. The project implementation schedule was revised to 2009 due to an increase in the scope outside battery limits (OSBL) and associated works.

An allocation of \$85.3 million was provided in fiscal 2009 to complete commissioning and start up operations of the Complex.

For the period October 1, 2008 to June 30, 2009 an amount of \$15.9 million was expended on the project, taking total expenditure to date to \$518.6 million. An amount of \$6.0 million is allocated for the quarter ending September 30, 2009. Start up and commissioning of the unit was completed and the unit is in commercial production.

For fiscal 2009-2010, an amount of \$20.0 million is provided for the final resolution of any claims and contractual issues.

- o *New Continuous Catalyst Regeneration (CCR) Platforming Unit* – this is the 27,800 barrels per standard day (bpsd) Platformer unit which provides for a higher yield of higher octane gasoline. This improves octane rating from 86 MON to 90 MON.

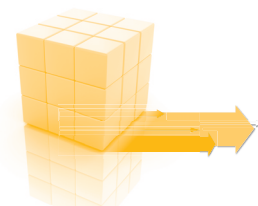
Additional benefits include reduced operating and maintenance costs, improved product yield and quality, better environmental compliance and increased hydrogen production. The estimated cost of the project is \$665.9 million but was revised to \$1,592.4 million. This project commenced in 2004 and was scheduled for completion in 2009.

The project is 95.1% complete compared to the revised plan of 100%. Erection of all equipment was completed while testing of systems as well as operator training are in progress. Total expenditure to date on this project is \$1,199.2 million. An amount of \$138.6 million is allocated for the quarter ending September 30, 2009.

For fiscal 2009-2010, an amount of \$58 million is provided to complete commissioning and start up of the 25,000 bpsd Continuous Catalyst Reformer (CCR) Platform-Complex.

- o *New Alkylation Unit/Sulphuric Acid Regeneration Unit* - a new 10,000 bpsd Alkylation Unit will replace the existing 1,800 bpd Alkylation Unit increasing gasoline production to accommodate the increase feedstock generated by the upgraded FCCU. The Alkylation product is a premium-high cetane, environmentally friendly gasoline blending component which will add to the pool of high-octane gasoline, assisting to maintain an increased refined product market share and eliminate the need for better storage and shipping facilities for LPG. The existing 60 tonnes per day (tpd) Acid Plant is to be replaced by a 215 tpd unit which will support the operating of the new Alkylation Unit and provide for sales to the domestic market.

The estimated cost of the project was \$586.5 million but was revised to \$1,820.0 million. This project commenced in 2004 and was scheduled for completion in 2009. For the period October 31, 2008 to June 30, 2009, the amount of \$108.0 million was expended towards this project, taking total expenditure to date to \$1,318.8 million. An amount of \$371.0 million is allocated for the quarter ending September 30, 2009.



The project is 88.8% complete compared to the revised schedule of 98%. Engineering works have been completed as well as foundations for all equipment and structures in the Alkylation Unit. In addition, several major pieces of equipment were installed. Erection of structures and delivery of materials and equipment continues.

An allocation of \$22.4 million is provided in fiscal 2009-2010 to complete construction. Startup and commissioning is targeted for March 2010.

- o *Offsites and Utilities (O&U)* – detailed engineering was undertaken by the EPC contractors for all the plants which identified the full requirement of the Utilities and Offsites on a phased basis. Some new items of work includes:

- API Separator;
- Cooling Tower;
- Water Storage Tanks;
- Gasoline Storage Tanks;
- Gasoline Loading Line – on land and submarine;
- Bulk Electrical Sub-station and Transmission Lines.

The scope of works was significantly higher than originally conceptualised. Accordingly, the original estimated cost of US\$189.0 million (TT\$1,190.7 million) was revised to TT\$1,705.0 million.(US\$ 270.6 million). This project commenced in 2004 and is scheduled to be completed in 2009.

The overall project is 62.0% complete compared to the revised schedule of 100%. For the period October 2008 to June 30, 2009, the amount of \$211.8 million was expended on the project, taking total expenditure to date to \$757.5 million. An amount of \$384.3 million is allocated for the quarter ending September 30, 2009.

PETROTRIN has allocated \$371.5 million for fiscal 2009 - 2010 to complete major works. This includes interconnecting piping to new units, water treatment facilities, steam generation,

electrical power and air and nitrogen to supply the new units.

- o *Ultra Low Sulphur Diesel Plant (ULSD)* - In addition to the refinery upgrade programme, PETROTRIN is constructing a diesel hydrodesulphurisation/hydrodearomatisation plant. This plant will produce ultra-low sulfur, low aromatic diesel to meet the stringent specifications now demanded in the diesel markets. This plant will also enable the refinery to process a broader range of crude oils. This plant when completed will produce thirty five thousand (35,000) barrels per calendar day (bpcd) of ultra low-sulfur, low-aromatic diesel with improved cetane index.

The estimated cost of the plant which was originally \$708.8 million was revised to \$2,469.6 million. In addition, the project commenced in 2007 instead of 2004 as scheduled thereby delaying completion to 2010.

This project also suffered from the global overheated construction industry fuelled by the severe competition for materials, equipment and services from the high growth areas of China, India, Europe, Middle East and Latin America.

The project is 3% complete compared to the plan of 29%. Expenditure from October 2008 to June 2009 was \$3.7 million. An amount of \$29.7 million is allocated for the quarter ending September 30, 2009.

Expenditure from October 2008 to June 2009 was lower than the budgeted amount of \$284.8 million due to a change in the procurement strategy for long lead items. These long lead items will now be procured in fiscal 2009-2010. EPC works are expected to commence in November 2009.

PETROTRIN has allocated an amount of \$1,100.0 million in fiscal 2009-2010 to complete major works.

- o *Gas to Liquids – World GTL Trinidad* - PETROTRIN has partnered with World GTL Inc to construct a diesel plant at Point-a-Pierre by relocating a



Methanol Plant from Delaware City, a hydro-cracker from a Texaco refinery and an amino unit from Mexico. This is a monetisation and upgraded diesel pool with the implementation of a gas to liquids plant. This Plant will have the capacity to process 22 million standard cubic feet per day (mmscf) of natural gas and produce 1,800 barrels per day (bpd) diesel for use in blending products for the local market.

The original estimated cost of the project was \$860.0 million but was revised to \$1,265.0 million due to changes in the scope of the project arising from incomplete engineering at the start, omissions, technical issues including wax transfer from reactor, additional testing to resolve catalyst issues and project delays due to asbestos issues during relocation of equipment.

The project commenced in 2004 and was scheduled for completion in 2008. However, this was rescheduled to 2010. This project is approximately 82% completed.

Expenditure for the period October 2008 to June 2009 was \$87.0 million, taking total expenditure to date to \$986.0. A sum of \$115.0 million is allocated for the quarter ending September 30, 2009.

An allocation of \$365.0 million is provided for fiscal 2009-2010 to complete the project.

Exploration and Production

The Exploration and Production (E&P) Division of PETROTRIN forms the upstream business and comprises three (3) main functions as follows:

- Exploration and Development
- Production Operations including Land, North and East Coast Operations and Trinmar Operations
- Joint Ventures

The main focus of the E&P is to optimise returns from the upstream assets and develop upstream growth opportunities. E&P conducts exploration, development and production activities through these three (3) functions

and engages in the exploration for and production of crude oil and natural gas onshore in Trinidad as well as offshore in the Southwest, Southeast and North Coasts of Trinidad. The land acreage spans the Southern half of the island. Total acreage operated is approximately 0.5 million acres while both operated and non-operated gross acreage is approximately 3.5 million acres.

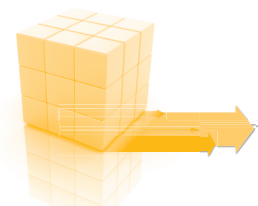
Emphasis is being placed on health, safety and environmental issues, growth opportunities and gas business, discovering new reserves and applying appropriate updated technology for improving performance. The company intends to achieve these objectives by undertaking drilling activities, as well as workover activities, and is designed to increase oil and gas production for both land and marine operations. Funding for these projects are provided from internal funds generated.

In its quest to fulfill its objectives, PETROTRIN continued to implement the following major projects in 2009:

- o *Seismic Acquisition - Land* – This acquisition is part of the company's initiative to increase production and discover new reserves. For fiscal 2009, an amount of \$110.0 million was provided for the acquisition. The project was delayed and expenditure for the period October 2008 to June 30, 2009 was \$0.2 million. An amount of \$55.5 million is allocated for the quarter ending September 30, 2009. CEC was obtained for Phase 1 Land 3D Seismic Survey. Evaluation of bids for seismic acquisition and permitting Contractors are in progress. This project suffered increased survey cost and Withholding Tax which was not provided for in the original estimate.

For fiscal 2009-2010, an amount of \$84.2 million is provided for the acquisition of 215 square km 3D seismic of land to allow for mapping of new reserves.

- o *Primary Drilling* – PETROTRIN's annual drilling programme is aimed at increasing production and discovering new oil and gas reserves. This programme is financed from internally generated revenue. The planned programme in fiscal 2009 included the following projects:



- *Trinmar* – for fiscal 2009, an amount of \$22.0 million was provided to complete wells drilled in previous years which were delayed due to infrastructural constraints. The drilling programme was terminated in April 2008 due mainly to production facilities constraints, \$14.6 million was expended as at June 30, 2009.

For 2009-2010, \$52.0 million is budgeted to recommence the drilling programme in the fourth quarter of the year.

- *Land North and East Coast (LNE)* – in fiscal 2009, \$15.0 million was allocated for the commencement of drilling wells in the Eastern fields to fulfill licence obligations. However, the Moruga East and Balata East drilling were deferred due to delays in obtaining CEC approvals.

For fiscal 2009-2010, an amount of \$31.0 million is to be provided for primary drilling, \$53.0 million for EOR drilling and other projects works and \$12.0 million for New Reserve Type (NRT) workovers.

- o *Development Drilling Land – EOR Infill Drilling* – this is another annual programme aimed at increasing production and increasing reserves. For fiscal 2009, an amount of \$18.0 million was provided to drill six (6) infill/replacement wells in existing land EOR projects.

For the period October 2008 to June 30, 2009, the company recorded expenditure of \$8.4 million on this project with some payments still outstanding. Six (6) wells were completed with actual production being higher than anticipated. No further drilling is proposed for this fiscal year.

For 2009-2010, an amount of \$40.0 million is to be utilised for the drilling and completion of twelve (12) infill/replacements/outstep in PETROTRIN's existing and planned new and expansion EOR areas in order to optimise and/or develop production and fluid injection opportunities on land. Funding is provided from internally generated funds.

Other EOR Projects: Additionally, \$15.3 million was budgeted in fiscal 2009 for work in new EOR projects, expansion of existing projects including drilling, recompletions and cyclic stimulation. Work on the Guapo Steamflood expansion project commenced and work is ongoing on the other project. The sum of \$11.5 million was expended as at end June 2009.

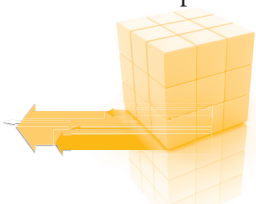
- o *Trinmar: Installation of sub-sea pipelines using coiled pipe technology* – this project involves the installation of a 2" -5" sub-sea pipelines in Trinmar's fields using coil tubing technology. This project is scheduled for implementation over the period 2009 to 2013. The original estimated cost was \$186.0 million. Revised project cost is now \$64.8 million based on a revised scope. Funding is provided from internally generated funds. An amount of \$25.0 million was provided in fiscal 2009. Expenditure recorded for the period October 2008 to June 30, 2009 was \$5.3 million due to delays in finalising the contract.

The overall project is 60% complete. Two (2) four (4) inch pipelines were completed and the completion of pipeline installation is targeted for February 2010.

An amount of \$25.0 million is provided for this project for fiscal 2009-2010.

- o *Trinmar: SWS Fixed Process Platform* - the estimated cost of this project was \$240.0 million but was revised to \$324.8 million. The project was scheduled for implementation over the period 2009 to 2013. An amount of \$42.0 million was provided in fiscal 2009 for engineering, procurement and installation of production facility in SWS. However, the project was deferred with \$30.0 million allocated in fiscal 2010 to commence this project.

- o *Joint Ventures* – PETROTRIN has entered into several Joint Ventures (JVs) in order to diversify its domestic crude oil and natural gas supply, spread risk and take advantage of private party experience, technology and capital resources. The JVs with major projects and expenditure allocations are as follows:



- *Teak Samaan Poui/Onyx (TSPO)* - in an effort to increase production PETROTRIN acquired 15% of the TSP fields in 2006. The company allocated \$234.2 million in 2007-2008 for this joint venture (JV) for a work programme including G&G studies, recompletions and sidetracks, appraisal drilling in Teak B North, Onyx feasibility studies, facilities upgrade and Teak Blowdown project.

The Teak Blowdown project commenced and compressors were ordered. In 2009, \$35.9 million was allocated to this JV of which \$28.3 was expended as at June 30, 2009. The Teak Blowdown project was completed in fiscal 2008-2009 with first gas production in January 2009.

PETROTRIN has allocated an amount of \$26.4 million in fiscal 2009-2010 to this JV for technical and other studies as well as upgrade of facilities.

- *Block 22 JV* - an allocation of \$157.8 million was provided to drill four (4) exploratory wells at Block 22. In 2008, the four (4) wells were drilled. The amount of \$173.9 million was expended over the period October 2007 to September 30, 2008.
- *North Coast Marine Acreage (NCMA) JV* – this project involves the implementation of the Phase 3c Development drilling, platform installation and sub-sea and pipeline works. Phase 3c drilling and Phase 4 Compression pre-FEED. This project is scheduled for implementation over the period 2008 to 2010. The estimated cost is \$519.2 million. Funding is provided from internally generated funds.

PETROTRIN had allocated \$279.0 million for fiscal 2009 to continue Development of Phase 3c to carry out drilling, platform installation and sub-sea pipeline works, Phase 3d drilling and Phase 4 compression pre-FEED. Expenditure for the period October 2008 to June 30, 2009 was \$164.0 million and the sum of \$58.8

million was allocated for the quarter ending September 30, 2009.

Phase 3c Development – Poinsettia platform is operational. The first gas from well phase 2 was lifted in January 2009. Drilling of Phase 3c wells commenced at end of July 2009. Phase 3d involves the drilling of two (2) deeper platform wells. Well Engineering is in progress. Compression pre-FEED for Phase 4 is in progress.

PETROTRIN has allocated an amount of \$226.9 million in fiscal 2009-2010 to this JV to complete Phase 3c drilling, commence Phase 3d drilling, commence installation of compression facilities (Phase 4 Compression) and upgrade of existing facilities.

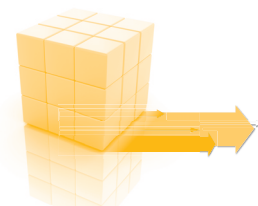
- *SECC JV* – The work programme for this JV was scheduled for implementation over the period 2009-2010 for facilities upgrade and compression pre-FEED for Kiskadee. Funding is provided from internally generated funds. An amount of \$8.0 million was provided in fiscal 2009. Expenditure for the period October 2008 to June 30, 2009 was \$2.1 million. An amount of \$3.0 million is allocated for the quarter ending September 30, 2009. The compression project is on stream for first gas in early 2010. Operations are ongoing.

An amount of \$4.2 million is provided for this JV for fiscal 2009-2010 to complete these projects.

- *South West Peninsula (SWP) JV* - PETROTRIN had allocated an amount of \$21.0 million for fiscal 2009 to carry out G&G studies and to drill one (1) exploratory well in the SWP. This project is on hold pending further information.

Corporate Projects

- o *Administration Building* – PETROTRIN is constructing a new Corporate Headquarters to accommodate six hundred (600) employees on



a site located in close proximity to the Gasparillo entrance within the Pointe-a-Pierre compound to allow easy access. The Corporate Headquarters building will enhance the company's vision of being an innovative, dynamic, highly efficient, safety conscious, ecologically sensitive Organisation driven by customer needs and empowering people to provide creative business solutions, through the application of cost of appropriate leading technologies.

The original estimated cost of the project was \$190.0 million but was revised to \$365.0 million. This project commenced in 2005 and was scheduled for completion in 2009, however, was extended to 2010 due to the increase in scope of works. The project changed from the construction of a base building to a furnished building complete with all furniture, fixtures and equipment fit for occupation. Increase in landscaping and car park facilities due to change in location of the building, increase in scope for improved energy efficiency and 'green' concept, increase in cost of labour, equipment and services arising out of the overheated local and international construction industry.

For the period October 2008 to June 30, 2009 an amount of \$8.5 million was utilised towards this project, taking total expenditure to date to \$109.5 million. An amount of \$6.0 million is allocated for the quarter ending September 30, 2009. Construction is still in progress. Work is 95% complete. Tenders were re-issued for façade, flooring, electrical, air condition, plumbing and services building works.

PETROTRIN has allocated an amount of \$4.5 million for the fiscal 2009-2010 towards the construction of the new office complex.

- o *Improved Access to PETROTRIN from the Sir Solomon Hochoy Highway* - modifications to the existing Gasparillo interchange and a new interchange will be constructed at the Guaracuara Tabaquite Road crossing the Sir Solomon Hochoy Highway to alleviate the traffic congestion at the Gasparillo

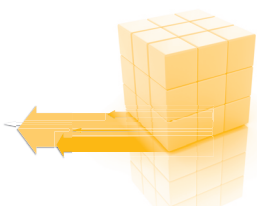
Flyover as well as to cater for the increased inflow and outflow of traffic in the area. This project will provide relief for the surrounding community and save valuable man hours. The estimated cost of the project was revised to \$150.0 million from the original estimate of \$90.0 million. This project was scheduled for implementation over the period 2006 to 2009. The scope of this project was changed as a result of improvements to existing Pointe-a-Pierre Interchange to the construction of a new Interchange in the vicinity of Pointe-a-Pierre.

This project is to be funded by the Ministry of Works and Transport. PETROTRIN will assist by providing Basic Engineering Design Package.

- o *New Refinery Laboratory* - a new refinery laboratory is being constructed within the Pointe-a-Pierre Refinery. The design and layout of the laboratory will facilitate improved operational efficiencies and will meet HSE Standards. The laboratory will be outfitted with the latest state of the art equipment. The estimated cost of the laboratory was \$55.0 million but was revised to \$100.0 and further to \$160.0 million.

The scope of this project was revised to accommodate the increase from a single unfurnished Laboratory structure to a fully furnished Laboratory complete with all fume hoods/cupboards and other equipment coupled with increase in scope to include additional access within the Refinery Industrial Area as well as increase in scope for improved energy efficiency and 'green' concept, cost of demolition of existing hydrocarbon tanks on proposed laboratory site and cleanup and increase in cost of labour, equipment and services arising out of the overheated local and international construction.

This project commenced in 2006 and was scheduled for completion in 2008. However, it was extended to 2009. For the period October 2008 to June 30, 2009, an amount of \$15.1 million was expended. A further amount of \$70.6 million is allocated for the quarter ending September 30, 2009. Construction work is ongoing. The Ancillary buildings are 90%



complete and services building 30% complete. Main Lab columns and roof have been completed and the external block works were 60% completed. Installation of services commenced.

An allocation of \$27.0 million is provided for the new lab project in fiscal 2009-2010.

- o *Road Tank Wagon Loading Bay* - PETROTRIN commenced construction of a new state-of-the-art Road Tank Wagon (RTW) Terminal at the east entrance of the Pointe-a-Pierre compound. This terminal is part of an overall programme to build two (2) new RTW terminals. The other terminal would be located at Caroni. Also included in the scope of the project are a multi-product pipeline from Pointe-a-Pierre to Caroni and an aviation jet pipeline from Caroni to the Piarco International Airport.

The estimated cost of this project was \$200.0 million but was revised to \$239.0 million. Funding is provided by PETROTRIN from internal funds. This project commenced in 2006 and was scheduled for completion in 2009 but was extended to 2010. The increase in the cost and time of the project was due to the improvement in project scope definition coupled with increase in cost of labour, equipment and services arising out of the overheated local and international construction.

Total expenditure to date on this project was \$3.9 million. The Road Tank Wagon (RTW) Terminal was deferred. However, the facilities for the transfer of fuels to the new Caroni Terminal are under construction. Detailed Engineering for the facilities at the west refinery area is in progress.

An allocation of \$27.0 million is provided for the Road Tank Wagon Loading Bay in fiscal 2009 – 2010 to continue construction of the Caroni Terminal and commence the Refinery facilities.

- o *New Tug/Launch Landing Stage* - PETROTRIN is constructing new facilities to facilitate marine operations at Pointe-a-Pierre. This project consists of a new Launch/Tug Landing Stage (Jetty) and a New Marine Flagship Building for

officers, change rooms, lockers and associated facilities. These facilities will allow the marine department to function more efficiently and effectively while meeting PETROTRIN's safety and environmental requirements.

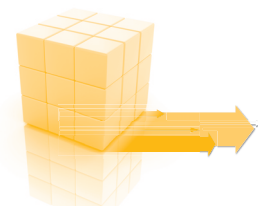
The estimated cost of this project is \$20.0 million. Funding is provided from internal funds. This project was scheduled to be implemented over the period 2006 to 2009 but was extended to 2010. A high percentage of the overall cost of this project is equipment costs.

Total expenditure to date on this project was \$3.0 million. An amount of \$7.0 million is allocated for the quarter ending September 30, 2009. Construction of the new building was deferred. A new jetty is to be constructed. The Environmental Management Authority (EMA) had requested an extension for the consideration of CEC application to August 3, 2009.

An allocation of \$15.0 million is provided in fiscal 2009 - 2010 to complete the jetty. The construction of the building will continue in 2010.

- o *New Casuarina Electrical Substation* - in order to meet the demand for electrical power due to increased additions in GOP, PETROTRIN commenced upgrade of its Power Supply and Distribution Network. The project caters for the increase of electrical power from 33MVA to 130 MVA. This upgrade comprises installation of two (2) additional 40/50 MVA and switchgear at Concord #2 substation, upgrade of the overhead 66 kV lines to 175 MVA, extension of the incoming 66 kV lines and construction of a new 166/12kV substation.

The estimated expenditure was \$20.0 million and is now revised to \$28.0 million. This project commenced in 2007 and was to be completed in 2008 but was extended to 2010. A substantial percentage of overall cost is equipment costs and was impacted by increase in cost of labour, equipment and services arising out of the overheated local and international construction.

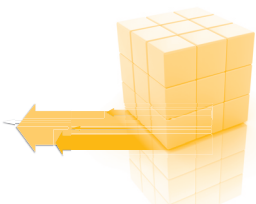


Total expenditure to date on this project is \$24.0 million. An amount of \$4.0 million is allocated for the quarter ending September 30, 2009.

- o *Bulk Intake 132 kV Sub-Station* – the overall projects now include new bulk intake 132/66 kV sub-station, a new 66/12 kV sub-station and upgrade of transmission lines throughout the refinery. The estimated cost of this project is \$230.0 million and is being financed from internal funds. This project is scheduled to be implemented over the period 2009 to 2010. Total expenditure to date on this project was \$1.5 million. An amount of \$97.0 million is allocated for the quarter ending September 30, 2009. Contracts have been awarded for both packages and detailed engineering is in progress.

An allocation of \$87.0 million is provided in fiscal 2009-2010 to continue construction on the project.

- o *Upgrade of Tank No. 100* – the scope of this project involves the replacement of the tank floor, installation of a dome roof, repairs to the shell of the tank and installation of an internal floating roof. The estimated cost of this project is \$32.0 million and is to be implemented in one (1) year spanning period 2009-2010. The upgrade will be financed utilising internal funds.
- o *Outer Gantry Removal and New Dolphins at No. 7 Berth* - the scope of this project involves the removal of the outer gantry and the installation of four (4) Dolphins. This project is estimated at \$18.5 million and is to be implemented in one (1) year commencing in 2009 and terminating in 2010. The upgrade will be financed with internal funds.
- o *Tug/Launch Rentals* - this project is aimed at keeping the harbour functional by satisfying operational and functional requirements including the maintenance of tugs and launches as well as complying with safety standards. The estimated cost of the project is \$14.5 million and is to be implemented in one (1) year over the period 2009-2010. This project will be financed from internal funds.
- o *Construction of New Security Headquarters at Pointe-a-Pierre* - the scope of this project entails the construction of a two (2) storey building of concrete and steel with galvanise roofing completely fitted with washrooms, change rooms, cupboard and restrooms to accommodate security management, office staff and male and female shift personnel. The building will be designed to include a vault, conference room, waiting room and badgering room as well as document storage, equipment storage, gymnasium, appropriate car park, lighting and back up power system.
The estimated cost of the project is \$15.0 million and is to be implemented in one (1) year over the period 2009-2010. This project will be financed from internally generated funds.
- o *Construction of Line at Massahood to Woodland* - the scope of this project involves the fabrication and installation of a 16" oil line from Massahood to Woodland along the existing 12" Right of Way. The estimated cost of the project is \$18.0 million and is to be implemented over the period 2009-2010. This project will be financed from internally generated funds. Pipes have been ordered and a barrier was installed to secure the area.
- o *Platforms Refurbishment* - this project involves major refurbishment to the East Field (BS 238), the Main Field (PL 13 and 9) and the North Field (PL 14 and 18). These refurbishment works are to be completed in one (1) year and are scheduled for implementation in 2009-2010. The estimated cost of the project is \$35.0 million. Funding will be provided from internally generated revenue.
- o *Fabrication and Installation of sub-sea jointed pipes* – this project involves the upgrade of the main trunk sub-sea pipelines to improve the system reliability. The project is estimated at \$22.0 million and is scheduled for completion over a one (1) year period 2009-2010. Funding will be provided from internally generated revenue.
- o *East Field Development of Phase 1 (Lower Cruise Drilling)* – the scope of this project involves the



- design and installation of new triple well structures, production/gaslift manifolds, new 250 psig system and coil pipe for the East Field Development Phase 1 to develop and produce new wells. The estimated cost of the project is \$130.0 million and is to be implemented over the period 2009 to 2011. This project will be financed from internal funds.
- o *East Field Development of Phase 2 (Compression)* – the scope of this project involves the design, tender (EPC) to have gas lift capacity in two (2) years. This project is estimated to cost \$160.0 million and is scheduled to be implemented over the period 2009 to 2012. Funding will be provided from internal resources.
 - o *SWS Gaslifting Development Phase 1 (Reaction – Existing Wells)* – the scope of this project involves the design of RP 10 upgrade, Eagle 1 installation and sub-sea pipelines, coil pipe and workover wells for SWS development. The estimated cost of the project is \$324.8 million and is to be implemented over the period 2009 to 2012. This project will be financed from internally generated revenue.
 - o *Vapour Recovery* – an amount of \$25.0 million is to be allocated in fiscal 2009-2010 to carry out Engineering, Procurement and Installation process as well as gas sales compressor. These activities are expected to be executed over the period 2009-2010. Funding will be provided from internally generated resources.
 - o *Structural Upgrades of Platforms* – the scope of this project involves the fabrication and installation of additional piles and braces to strengthen platforms. This is a two (2) year project spanning 2009-2011. The estimated cost of the upgrades is \$60.0 million. Financing will be met by PETROTRIN from revenue generated internally.
 - o *East Field Electrification* - this project involves the establishment of electrical infrastructure to support the East Field Development project and involves construction of onshore sub-stations, sub-sea cable to PL No. 20, electrical equipment and offshore electrical installation works. The project estimated

to cost \$68.0 million and is to be implemented over the period 2009 to 2011. This project will be financed from revenue generated internally.

- o *Main Field Gas Compressor Upgrade* - this project involves the replacement of four (4) obsolete compressors with two (2) new motor driven compressors and associated ancillary equipment and a motor driven conversion of one (1) engine driven compressor. The estimated cost of this upgrade is \$259.0 million. The project is to be implemented over the period 2009 to 2012. Financing will be provided by PETROTRIN from revenue generated internally.

Trinidad and Tobago National Petroleum Marketing Company Limited (NP)

Trinidad and Tobago National Petroleum Marketing Company Limited (NP) is a diversified petroleum marketing company. The company markets petroleum fuels, lubricating oils and greases, liquefied petroleum gas and compressed natural gas. In addition, the company provides facilities for marine and aviation bunkering. NP operates the largest network of strategically located service stations and has embarked on an upgrade programme designed to optimise service station operations and elevate them to internationally acceptable standards.

During fiscal 2009, NP continued its overall asset modernisation and upgrade programme which included:

- o *Dealer Site Upgrades* – this project involves the upgrade of selected dealer owned stations, two (2) in Trinidad and (1) one in Tobago, to include the provision of underground storage tanks, leak detection system and fuel dispensing equipment. The estimated cost of the project was revised from \$5.3 million to \$7.6 million. As at March 31, 2009, an amount of \$3.0 million was expended. Funding for this project is provided from loan financing.
- o *Excise and Shipping Warehouse* – this project involves the construction of an excise and shipping warehouse to cater for increased covered storage and improve the efficiency of container loading. This



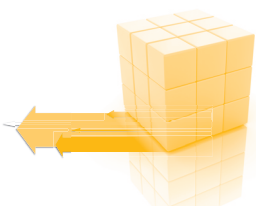
- project is being re-evaluated as a result of a change in the scope of the project.
- o *LPG Plant Tobago* – This project was transferred to Public Sector Investment Programme.
 - o *Lube Oil Plant Modification* – this project involves tank modification to the Lube Oil Plant, including tank dedication and dedicated hydraulic system to improve the efficiency and reduce lead time. This project is being re-evaluated as a result of a change in the scope of the project.
 - o *Installation of Tank Gauges* – implementation of this project will provide accurate inventory control and reduce risks of tank overflows. The estimated cost of this project is \$3.0 million. Funding will be provided from internally generated funds. A supplier was contracted to execute a pilot project. Additional gauges will be sourced and installed when testing was completed. Funding for this project is provided from loan financing.
 - o *The acquisition of 70,030 - 20 lb and 12,830 – 100 lb cylinders and 72,030 valves* – acquisition of valves to meet market specifications. The estimated cost of the project is \$18.9 million and is to be funded from internal funds.
 - o *Generator Automatic Transfer Switch* – the scope of this project was increased to accommodate all of Sea Lots compound. The estimated cost of the project is now \$2.0 million. The scope of the project is revised due to changes in design and specification requirements.
 - o *Refueller for Tobago* – to ensure 100 % in reliability for refuelling of aircraft. The estimated cost of this project is \$2.0 million to be funded by NP from internally generated funds. An amount of \$2.0 million was allocated for fiscal 2009. The project commenced in 2008 and was completed in 2009.
- *The finalisation of the winch system* for jetty hoses to discharge ships, relying on equipment instead of manual labour.
 - *The construction of the Piarco Administration Office and Maintenance Building* will provide both Administrative and Operational Support Services. This project was deferred due to the finalisation of the land lease for the Piarco facility. The project is now schedule to commence in 2009 and the targeted date for completion is 2011. An amount of \$1.0 million was allocated for fiscal 2010.
 - *Acquisition of three (3) 10,000 IE additive storage tanks.*
 - *Acquisition and installation of two (2) 10,000 bls tanks at LABIDCO.* This will facilitate in delivering Gasoil efficiently to exploration and production companies. These are budgeted at a cost of \$1.0 million.
 - *The purchase of twenty (20) Tractors* for transporting the recently purchased RTW vehicles. It is expected that these will bring greater logistical efficiency and cost savings to the distribution operations. This is budgeted at \$14.0 million.
 - *Dredging of harbour channel* to a prescribed depth of 7.0m to permit greater flexibility in vessel selection for transportation of fuels. This project is budgeted at \$2.0 million.
 - *Excise and Shipping Warehouse* – this project is being re-evaluated as a result of a change in the scope of the project. The estimated cost of the project is currently being assessed.

Details of the projects being implemented are:

- o *Installation of Tank Gauges* – implementation of this project is expected to provide accurate inventory control, and reduce risks of tank overflows. The estimated cost of this project is \$3.0 million. Funding will be provided from internally generated funds. A supplier was contracted to execute a pilot

2010 Projects

In 2010, NP will continue to upgrade its facilities in order to improve efficiency at an estimated cost of \$75.2 million. This includes:



- project. Additional gauges will be sourced and installed when testing was completed.
- o *The Acquisition of 78,020 - 20 lb and 12,300 – 100 lb cylinders and 90,320 valves* – acquisition of valves to meet market specifications. The estimated cost of the project is \$18.9 million and is to be funded from internal funds. For fiscal 2010, the company will acquire 78,020 – 20lb cylinders with valves and 12, 300 – 100lb cylinders with valves at a total cost of \$15.4 million.
 - o *Winch System for Jetty Hoses* – this system encompasses the establishment of modern systems for hose handling to discharge ships to rely on equipment which will replace manual labour. The project is estimated at \$1.0 million. The project was scheduled to commence in 2008 and is targeted for completion in the fourth quarter of 2009.
 - o *Revamp Fire Control System* – this project involves an overhaul of the fire control system to increase coverage of Sprinkler System. The estimated project cost was revised from \$1.5 million to \$3.0 million and is being funded by NP from internally generated funds. The project was deferred to fiscal 2010. An amount of \$2.0 million is allocated for fiscal 2010.
 - o *Three (3) 10,000 IG Additive Storage Tanks* – these storage tanks will replace the current leased 150 tanks as storage for additive procured in bulk. The estimated cost of the project is \$1.0 million to be funded by NP from internally generated funds. An allocation of \$1.0 million is provided in fiscal 2010.
 - o *Aviation Refueller* – this is required as a replacement for the obsolete refueller. This equipment is required to complete the upgrade process of refueling equipment at Piarco. The estimated cost is \$1.3 million. The project is scheduled to commence in 2008 and is targeted for completion in the last quarter of 2009. This project is to be funded from internally generated funds.
 - o *Two (2) 10,000 bls Tanks at LABIDCO* – NP provides Gasoil to key players involved in the exploration and production activities. The current methods of supplying fuels by RTW and pipeline network at the refinery are challenging and often result in delays in providing delivery on time. This project will assist in improving efficiency in the services provided to E&P companies. The project is estimated at \$4.0 million to be funded from internal funds. Negotiations on the project commenced in 2008 and the target date for completion was revised from 2009 to 2010. An allocation of \$1.0 million is provided in fiscal 2010.
 - o *Medium Voltage Switch gears* – These are required to replace the existing components which are now obsolete but necessary for a continuous supply of electricity to NP's electrical kiosks. The estimated cost of the project is \$0.7 million and will be completed in fiscal 2010.

National Quarries Company Limited (NQCL)

National Quarries Company Limited (NQCL) was incorporated in 1979 as a wholly owned State Enterprise to carry on the business of manufacturing, importing and exporting of aggregate products. The company also operates quarries, mines and sand pits. National Quarries contributes to the continuous supply of aggregate at affordable prices which is a key success factor in the implementation of the government's housing programme, the development of industrial estates and the changes in the infrastructure of the Republic of Trinidad and Tobago. NQCL operates three Wash Plants with capacity to produce 400 metric tonnes an hour.

The projects scheduled for implementation by NQCL in fiscal 2009 were as follows:

- o *Redesign of Wash Plant # 3* - this redesign was greater in scope than planned and was undertaken eleven months after quotations were received and thus subject to price increases. The budgeted cost was \$2.3 million however actual cost was \$4.3 million.
- o *Upgrade of Existing Plant #2* - the assembly and installation of this plant was completed in fiscal 2009 at an actual cost of \$6.7 million, \$252k below the budgeted cost of \$7 million.



- o *Acquisition of One (1) Electrical Generator* – this generator would be utilised by the processing plants to improve the electrical supply system.
- o *Improve Water Supply System* – this project involved the completion of plants # 1, # 2, # 3 and # 4 silt pond systems to improve the supply of water in the dry season.
- o *Establishment of a Water Management System* - the installation of this recycling plant will provide the company with an additional source of water for aggregate processing during the critical dry season period. With the use of this plant, the discharged water will be collected in a settling pond and then reused for the washing of additional raw pitrun on the wash processing plant, thereby making additional material available for sale. The estimated cost of the water recycling plant is \$6.0 million and is scheduled for completion by April, 2010. The project is being funded using commercial financing and internally generated funds.
- o *Mining and Surveying Equipment* – this project involved the acquisition of equipment to undertake scientific survey assessments of the availability of aggregate reserves at the Sand and Gravel Division.

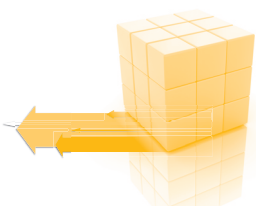
The objective of the NQCL in fiscal 2010 is to improve its relative market share by increasing the supply of aggregate to the Construction Sector in Trinidad and Tobago. An improvement in the equipment capability and the capacity of NQCL to produce quality finished products that would impact on price stability.

The projects earmarked for implementation in fiscal 2010 at an estimated cost of \$7.5 million are:

- o *Upgrade to Stores, Garage and Welding Room* – this involves the expansion of the storage facilities to accommodate large and high valued plant fillings

and spare parts such as screens and conveyor belts. In addition, the welding shop area will be upgraded to harness safe and healthy working conditions. The project is estimated to cost \$1.0 million with a completion date of August 2010. The project will be funded using internally generated funds.

- o *Construction of Bridge, Scott's Quarry* – this project involves the construction of a bridge at the entrance to the Scott's Quarry as during the rainy season vehicular access is restricted and inaccessible. The project is estimated to cost \$1.0 million with a targeted completion date of March 2010. The project will be funded using internally generated funds.
- o *Redesign of Plant #1, Log Washer and Conveyor* – this project will allow for maximisation of the quantity and variety of end products required to meet market demands. The cost of this project is estimated at \$3.0 million with a completion date of January 2010. The project will be funded using internally generated funds.
- o *Paving works - Sand and Gravel Division* – this project involves paving the access area to the main Sales and Weighbridge Offices and Administrative Building. The cost of the project is estimated at \$1.0 million and is scheduled for completion by March 2010. The project will be funded using internally generated funds.
- o *Acquisition of a 12 ton Truck Mounted Crane* – this project will allow the company to conduct routine plant maintenance, while complying with health and safety requirements. The cost of the truck-mounted crane is estimated at \$1.5 million and the purchase is expected to be completed by October 2009. The project will be funded using internally generated funds.



REVIEW OF THE SUPPLEMENTARY PUBLIC SECTOR INVESTMENT PROGRAMME 2009 AND PROJECTIONS FOR 2010

ECONOMIC INFRASTRUCTURE

Business and Trade Expansion – Non-Energy Sector

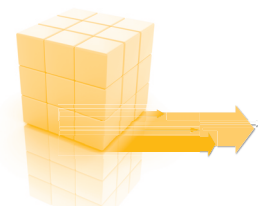
Evolving TecKnologies and Enterprise Development Company of Trinidad & Tobago Limited (eTecK)

GORTT introduced several initiatives to diversify the economy to minimise the dependence on the energy sector. Accordingly, e-TecK is responsible for the development of light industrial estates in Trinidad and Tobago by encouraging diversification of the country's production base, exploring niche areas of investment for local and foreign investors. The company is also responsible for providing infrastructural support by the development of e-TecK parks throughout Trinidad and Tobago. The main objectives of the company are:

- developing light industrial estates;
- achieving a targeted number of investment projects within a budget timeframe;
- expanding local businesses and create employment;
- increasing production and export base; and
- managing the lease operatorship for Hilton Trinidad and Conference Centre.

In implementing its mandate to develop light industrial estates in the non-energy sector through the provision of infrastructural support and the development of parks, eTecK has embarked on the following projects:

- o *eTecK Flagship and Complex* - The Tamana in-Tech Park is a 1,100-acre eco-industrial Park which will feature state-of-the-art world-class Information Communications and Technology (ICT) infrastructure and value-added services, in an easily accessible part of the region, which makes it particularly attractive to investors in the Western Hemisphere. Tamana in-Tech Park will provide the catalyst for the improvement of e-Government services and general online accessibility in Trinidad & Tobago. In terms of services, tenants, students and guests will enjoy blanket Wi-Fi coverage, Internet access, VOIP phones, and a range of connectivity and data center services. Some of these services will be available via a portal, allowing relevant users to engage in self-administration. Work continues at the Tamana in-Tech Park with the construction of the underground utility corridors for street lighting, electrical installation, telecommunications and ICT network cabling. Design and infrastructural works related to a potable water and fire water system, a natural gas ring, a waste water transmission system, a waste water treatment facility and an electrical sub-station have already commenced and some of the works related to drainage and road paving were completed.
- o *Alutrint Complex* - in keeping with its mandate of developing downstream industries in the energy



sector, eTeck is involved in the establishment of the Alutrint Complex at Wallerfield. The goal of the Alutrint Complex is to make Trinidad and Tobago a significant contributor to the world aluminum product market, by the diversification of the country's natural gas portfolio from the primary processing stage of converting alumina to aluminum ingots and further to finished products. The Complex is designed to include the development and investment in a Smelter Plant, a Rod Mill, a Continuous Bar, a Wire and Cable, a Billet & Bar and a Technology Development Centre. A combined cycle plant comprising six (6) gas turbines and two (2) steam turbines will supply power to the Alutrint Smelter Complex.

The projects under implementation by e-Teck are being funded through Public Sector Investment Programme and Infrastructure Development Fund.

Point Lisas Industrial Port Development Corporation Limited (PLIDECO)

Point Lisas Industrial Port Development Corporation Limited (PLIPDECO) was established more than forty (40) years ago to develop and operate an industrial estate and ancillary port to further the industrialisation ambitions of Trinidad and Tobago. The shares of the Corporation are publicly traded. The Corporation is involved in the business of port operation and estate management. Plipdeco also provides tug and towage services.

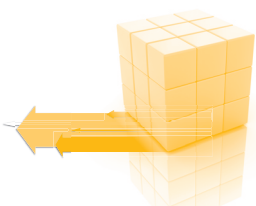
Plipdeco is developing Berths 6 and 7 at a total cost of \$1,006.1 million. These berths with its attendant handling equipment and yard facilities will increase the Port's capacity to more than 800,000 twenty foot equivalent units (TEUs). This expansion will position Port Point Lisas as the leading commercial port in the Southern Caribbean region.

In fiscal 2009, PLIPDECO completed the following projects:

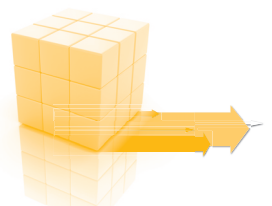
- o *Berth 5* with the commissioning of its new Super Panamax Ship-to-Shore Crane. This equipment will increase productivity and efficiency as well

as reduce vessel turnaround time. An additional Kalmar Empty Container Handler was added to Berth 5.

- o *Construction and Repair of Roads* – construction and repairing of existing roads on the Point Lisas Industrial Estate – Atlantic and Pacific Avenues estimated at \$18.5 million. The project was financed from internal funds and is completed.
- o *Kalmar Reach Stacker* - One (1) Kalmar Reach Stacker was acquired at cost of \$4.3 million.
- o *Electrical System upgrade* - the Corporation carried out an Electrical System upgrade at a cost of \$6.6 million. The project included construction of a reinforced concrete switch room and two (2) connecting docks to the new crane, as well as civil works for electrical system upgrade for the port. This project is completed.
- o *Reconstruction of drains* – this initiative is to maintain standards at the industrial estate. An amount of \$1.0 million was allocated towards the reconstruction of drains.
- o *Fencing, CCTV, Lighting, Gates* – PLIPDECO allocated an amount of \$2.0 million to implement measures to improve security including construction of fences, gates, upgrading lighting and installation of CCTV.
- o *Temporary Crane Operators Accommodation, Stores Warehouse Relocation and Improvement, First Aid Station and Great Plains Dynamics Upgrade* are estimated at \$1.4 million. These projects are completed.
- o *Berth 6* - the increasing demand for port services and requisite capacity requirements propelled PLIPDECO to expand its port capacity through the construction and equipping of Berth 6 with associated yard infrastructure. Financing for the project is being provided from borrowings. The estimated cost of the project is \$429.7 million. Total expenditure to date is \$0.5 million. The fund was utilised for construction activity and acquisition of equipment. This project is being reviewed.



- o *Construction of a Second Channel* - construction of a second channel at the Point Lisas Harbour estimated at \$52.0 million. The project commenced in 2006. Total expenditure to date is \$0.5 million. The funds were utilised for construction activity and acquisition of equipment. This project is being reviewed.
- o *Port Administration Building* – an amount of \$1.0 million is allocated in fiscal 2009 to complete construction of the Administration Building at the Port.
- o *Marshalling Yard - Surcharge Phase* – an amount of \$1.0 million was allocated in fiscal 2009 to construct the marshalling yard surcharge phase.
- o *LCL Warehouse* – an amount of \$2.0 million was allocated in fiscal 2009 to expand the LCL Warehouse.



REVIEW OF THE SUPPLEMENTARY PUBLIC SECTOR INVESTMENT PROGRAMME 2009 AND PROJECTIONS FOR 2010

ECONOMIC INFRASTRUCTURE

Electricity

Trinidad and Tobago Electricity Commission (T&TEC)

Trinidad and Tobago Electricity Commission was established on the January 1, 1946. The Commission customer base includes domestic, commercial, industrial and street lighting customers. The Commission has the responsibility to manage the supply of power and energy to all of the Republic of Trinidad and Tobago. Government, in keeping with its Vision 2020, has adopted a number of strategies to meet the growing demand for electrical power resulting from expanding digital economy, new housing developments and industrial expansion. These are:

- expanding power generating capacity;
- increase reliability and quality of power supply;
- improve street lighting and rural electrification; and
- modernise distribution networks in accordance with international methods and standards.

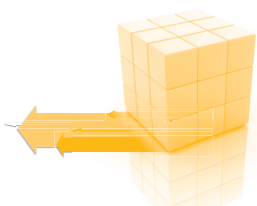
Trinidad and Tobago Electricity Commission (T&TEC) is implementing the policy of GORTT by providing a safe and reliable supply of electricity to the citizens of Trinidad and Tobago. The Commission continues to implement several projects geared towards the provision of a vital service for the country. Some of its major projects are:

- National Street-lighting Programme;
- National Social Development Programme (NSDP);
- Production and delivery of the nation's bulk power requirement in the medium term; and
- Development of the disaster preparedness capability of T&TEC

In fiscal 2009, the Commission continued work on the following projects:-

o *Construction of Substations*

- San Rafael – this involves the construction of two (2) 132 kV Bays and a 66 kV Bay.
- Macoya – this involves construction of a 66 kV sub-station.
- Invaders Bay – this involves construction of a 33 kV sub-station.
- Mt. Hope – this involves construction of a 132 kV sub-station.
- Edward Street, Port of Spain – this involves construction of a 33 kV sub-station.
- Pt Cumana – this involves construction of a 33 kV sub-station scheduled for construction over the period 2007 to 2009.
- Tarouba – this involves construction of a 33 kV sub-station scheduled for construction over



the period 2007 to 2009. This project was incorporated in the Reform sub-station.

- o *Rehabilitation of Substations*
 - Five Rivers – this involves the rehabilitation of the 33 kV sub-station.
 - O’Meara – this involves rehabilitation of the 33 kV sub-station.
 - Trincity – this involves rehabilitation of the 66 kV sub-station.
- o *Upgrade of Substation*
 - Bamboo – this involves upgrade of the 132 kV sub-station.

The sum of \$51.5 million was expended to construct substations, undertake remedial works and carry out upgrades of substations.

- o *Establishment of Substations*

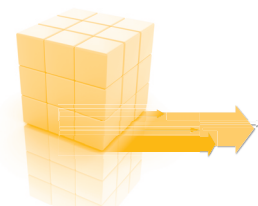
T&TEC has partnered with private corporate entities to construct four (4) sub-stations at an estimated cost of \$127.0 million. The sub-stations will be constructed in the following areas:-

- *Otaheite* – this involves the establishment of a substation in Otaheite estimated at \$12.0 million which was revised to \$17.5 million. For fiscal 2009 the sum of \$1.7 million was expended.
- *Essar* – this involves the establishment of a 220 kV sub-station to supply the Essar Steel Plant at Point Lisas, South, estimated at \$20.0 million. This project is in its preliminary stage.
- *Carisal* - this involves the establishment of a 132 kV sub-station for Carisal at Brechin Castle, estimated at \$15.0 million which was revised to \$16.4 million. This project is in the preliminary approval stage.
- *Brechin Castle* - this involves the establishment of a 132 kV/220 kV sub-station and interconnects at Brechin Castle at an estimated cost of \$80.0 million. For fiscal 2009 the sum of \$26.8 million was expended on this project.

- o *Construction of Transmission Lines* - T&TEC commenced construction of several transmission lines to improve the reliability of supply at an estimated cost of \$86.0 million. The projects are as follows:

- *construction of a 66 kV tower line from Mesopotamia to Roxborough* estimated at \$12.0 million. This project is scheduled for implementation over the period 2006 to 2010.
- *construction of a 66 kV overhead line from Fyzabad to Otaheite* at an estimated cost of \$10.0 million. This project was scheduled for implementation over the period 2008 to 2009. A contract was awarded for this project.
- *construction of a 66 kV overhead line from Penal to Harmony Hall* estimated at \$11.0 million. This project was scheduled for implementation over the period 2008 to 2009.
- *construction of a 66 kV tower line from the Essar facilities Brechin Castle to Reform* estimated at \$43.0 million. This project is scheduled for implementation over the period 2008 to 2010. A contract was awarded for this project.
- *construction of a 132kV pole line from Brechin Castle, Carisal* estimated at \$10.0 million. This project is scheduled for implementation over the period 2008 to 2010.

- o *Upgrade of Circuit Breakers* - to provide a constant supply of electricity, current breakers are being installed at Pt Cumana, Scarborough and Centrin at an estimated cost of \$6.3 million. These upgrades were scheduled for implementation over the period 2007 to 2009. The projects at Pt Cumana and Scarborough have been delayed and will commence after the commissioning of Cove and upgrade of Milford sub-station. Circuit breakers upgrades at Centrin, Mayo, Couva, Savonnetta and Carli Bay have been completed.
- o *Installation of New 12 kV Switch Boards* - T&TEC has commenced installation of switch boards at the M 5000 Methanol Plant, Pt Cumana, Brighton,



Trincity and Pt Lisas at a total estimated cost of \$5.6 million. These installations were scheduled for implementation over the period 2007 to 2009. T&TEC ordered 12 kV switch boards for M 5000 Methanol Plant, Pt Cumana and Pt Lisas. A switch board was installed at Brighton at a cost of \$1.2 million. A switch board was installed at Trincity and is being tested.

- o *Transformer Upgrades* – T&TEC is implementing a transformer upgrade and replacement programme, at an estimated cost of \$10.8 million. These upgrades were scheduled for implementation over the period 2007 to 2009.

In addition, an *upgrade* is being undertaken *at the Penal plant* – this involves upgrade to include procurement and installation of a second 100 MVA and 132/66 kV transformers estimated at \$7.9 million. A transformer was procured and is to be installed.

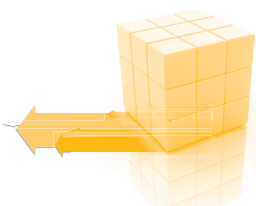
- o *Upgrades of 12 kV network* - T&TEC also commenced upgrades of a 12 kV network estimated at \$16.5 million. These upgrades were scheduled for implementation over the period 2007 to 2009. An allocation of \$16.5 million was provided in fiscal 2008 to purchase materials and install infrastructure in the areas including, Down the Islands, Brighton, L'Anse Fourmi, Scarborough, Trincity, Maracas St. Joseph, Malabar, Valencia and Brechin Castle. The status of the upgrades is as follows:

- *Down the Islands* - cable from the coast of Trinidad to Gasper Grande is being procured
- *Brighton* - work has commenced at Brighton
- *L'Anse Fourmi* - infrastructure was constructed by the Tobago House of Assembly
- *Scarborough* – approval received
- *Trincity, Maracas/St Joseph, Malabar, Valencia* – these upgrades have been rescheduled
- *Brechin Castle* – a tender was awarded

- o *Construction of temporary office facilities* - construction of temporary office facilities to house

the Transmission and Maintenance Department estimated at \$2.3 million. The office was established.

- o *Purchase of vehicles* – For fiscal 2009, four (4) 4 x 4 Pickup vehicles were purchase at a cost of \$0.9 million for field personnel to carry out the work of the Commission and improve the response time.
- o *Pole replacement programme* - T&TEC, in fiscal 2009, continued its pole replacement programme which included the purchase and installation of poles. The Commission expended the sum of \$34.4 million. This project is ongoing.
- o *Land Acquisition* - T&TEC had also allocated an amount of \$2.0 million to acquire lands at Freeport and Chaguanas to undertake infrastructure works.
- o *Acquisition of Software GIS, GPS, & AMR* - T&TEC, in its drive to improve customer relations and improve efficiency and effectiveness continued the purchase and installation of software in all distribution areas. The project commenced in 2007 and involves upgrades to T&TEC information system and associated management system. Expenditure in this project totaled \$19.5 million in fiscal 2009.
- o *A voltage correction exercise* - T&TEC commenced a voltage correction exercise in 2007 and has targeted the completion in 2009. This project will provide a constant flow of electricity.
- o *Overhead Line Upgrade* - this is an ongoing project to improve the reliability of the supply of electricity. Expenditure for fiscal 2009 is \$58.9 million.
- o *Automation of the Distribution System and Installation of Switches* - this project is estimated at \$21.0 million. The project is scheduled for implementation over the period 2005 to 2009. An amount of \$1.8 million was expended on this project in fiscal 2009.
- o *Establishment of the Charlieville 66 kV Substation* - this project involves the construction of a 66 kV substation estimated at \$12.0 million. The project is scheduled for implementation over the period



- 2005 to 2009. Land was acquired and construction commenced. For fiscal 2009 the sum of \$52,604.00 was expended.
- o *Upgrade Network* - this project involves the construction of a line to supply Nu-Iron and other 132 kV consumers. The line was constructed.
 - o *Upgrade Aging Infrastructure* – the project is scheduled for implementation over the period 2006 to 2009.
 - o *Implementation of an ISO 9000 Quality Management System* - the objective of this project is to achieve ISO 9001 Certification. The estimated cost of this venture is \$1.0 million. The pilot project at the South Distribution is 75% completed and work is continuing. The sum of \$0.6 million was provided in fiscal 2009 to achieve ISO Certification for the South Distribution.
 - o *Provision of Decentralised Resources in Strategic Locations* - Expenditure and commitments are \$3.5 million.
 - o *Provision of Underground Transformation and Distribution Systems* – For fiscal 2009 expenditure in the area of underground transformation and distribution systems totaled \$7.1 million. The upgrade of power distribution infrastructure for fiscal 2009 totaled \$11.8 million.
 - o *Continuous Upgrade Programme* - this programme is based on continuous upgrade and replacement of fleet vehicles. The sum of \$1.2 million was expended in fiscal 2009.
 - o *Substation Load Monitoring and Load Research Programme* - this programme involves the procurement of equipment for phase II which comprise thirty (30) substations and phase III installation. Expenditure in fiscal 2009 totaled \$2.9 million.
 - o *Upgrade and Expansion of the Supervisory Control and Data Acquisition System* - this project involves the development of specifications, award of contracts and installation. This project is scheduled for implementation over the period 2006 to 2009.
 - o *Installation of a Trunk Radio Network* - this project involves the development of specifications, award of contracts and installation. This project is scheduled for implementation over the period 2006 to 2009.
 - o *Establishment of Cove Power Station* - T&TEC commenced work to establish a Cove Power Station in 2007. This station is scheduled for completion in 2010. The estimated cost of this project is \$485.0 million. Funding is provided from Government guaranteed loans. Expenditure to date on this project is \$86.6 million.
 - o *Acquisition of Spares for Tobago Power Station* - T&TEC allocated an amount of \$2.4 million to purchase spares for the Tobago power station in fiscal 2009.



REVIEW OF THE SUPPLEMENTARY PUBLIC SECTOR INVESTMENT PROGRAMME 2009 AND PROJECTIONS FOR 2010

ECONOMIC INFRASTRUCTURE

Tourism

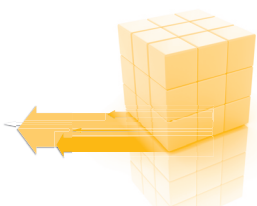
Tourism has a significant potential for employment generation as well as earning foreign exchange and contributing to the national economy. In Trinidad and Tobago, approximately one in twelve (12) persons are employed in our visitor economy. In Tobago, the number is significantly higher with more than one out of every two employed persons working in the visitor economy.

Tourism Development Company Limited (TDC)

TDC was established to develop all aspects of the tourism sector in Trinidad and Tobago by generating new tourism products and ensuring the maintenance of adequate physical infrastructure and amenities that meet international hospitality standards. The company is also responsible for the rationalisation of the ownership of all beach facilities, tourism sites and attractions and maintenance of these identified facilities and amenities. In pursuit of its mandate TDC has embarked upon a series of advertising and marketing campaigns in North America, Europe and the Caribbean designed to increase the level of awareness of Trinidad and Tobago in key market segments.

The main objectives of the company are to increase tourist arrival and stay over and to improve linkages with seamless web of tourism service providers. TDC is involved in the implementation of the following:

- o *Upgrading beach facilities at Maracas.* Maracas Beach is the flagship beach of Trinidad and Tobago and a popular destination for tourists and locals alike. This upgrade will create a facility that is of an international standard and comparable with the best beach facilities in the world. The project commenced in April 2009 and is scheduled for completion by September, 2011. Proposed improvements to the facility include:
 - Diversion of the North Coast Road, south of the existing car park to deal with the traffic congestion and to improve pedestrian safety;
 - The establishment of a higher capacity waste water treatment plant, which would be constructed away from the beach and south of the North Coast Road;
 - Elevation of the car park to address the flooding issue and an increase in its size to accommodate more cars;
 - The placement of timber along the length of the beach to reduce sand denudation;
 - Construction of a timber boardwalk;
 - Construction of a main pavilion with vending booths and an interpreter area;
 - Construction of an event area for shows and performances;



- Construction of toilets and showers;
- Construction of an administration building;
- The establishment of a children's play area, and zoned areas on the eastern and western ends of the beach for sports such as football and volleyball;
- Improved drainage facilities.

For 2009-2010 the scope of works takes into consideration upgrades to the sewer system and sewer treatment plant, water system, electrical works and sand retention structures including landscaping. In addition, the Life Guard Headquarters will be upgraded along with minor buildings, food booths and boardwalk.

- o *Refurbishment to the existing facilities at Las Cuevas, Vessigny and Manzanilla* would involve upgrading the public change rooms and storage areas for life guards and maintenance crew at Las Cuevas, putting in an entryway to Vessigny and renovation to the , maintenance garage, courtyard and gazebo at Manzanilla. This project is estimated to cost \$76.3 million.

Urban Development Corporation of Trinidad & Tobago Limited (UDeCOTT)

Urban Development Company of Trinidad and Tobago Limited (UDeCOTT) was established in 1995 to oversee rural and urban development throughout Trinidad and Tobago.

UDeCOTT has a diverse portfolio developing projects in areas of commercial office building, hotel and conference centres, culture and art, historical restoration, sporting facilities, car parks and road rehabilitation.

- o *Restoration of President's Cottage* – this cottage is an annex, which forms part of the official residence of the President of the Republic of Trinidad and Tobago. To preserve the charming, historical features of the original bungalow, a complete facelift is being undertaken which included work on the roof timber, tiles and guttering, and extensive interior upgrades,

including tiling, plumbing, carpentry and joinery, electrical and air conditioning repairs.

Some of the projects in which UDeCOTT is involved, in order to enhance the country, are development and diversification of the tourism sector:

- o *Port of Spain Waterfront Project* - work on the project to revitalise the Port of Spain Waterfront continued in fiscal 2009. This project, which was estimated to cost \$2,139.8 million was revised to \$2,873.0 million. This project will address the long standing need for state-of-the-art conference and meeting facilities. The Port of Spain International Waterfront Centre, emerges as a beacon in the nation's capital. The project includes two (2) 26-storey office towers at 885,000 sq. ft. combined, a 22-storey, 409,000 sq. ft. 428-room Hyatt Regency Hotel, the largest conference centre in the English-speaking Caribbean at 55,000 sq. ft., retail spaces, a 7-storey car park with accommodation for 1,200 vehicles, an auditorium and performing arts theatre and a well-landscaped park designed for relaxation and enjoyment of the vast views from the waterfront. The project commenced in 2005 and is scheduled for completion in 2009. The project is being financed by private sector borrowings.

To date the sum of \$2,510.4 million was expended on the project. For fiscal 2009 expenditure totaled \$98.9 million.

- o *Port of Spain Front Redevelopment & Implementation* – This involves transforming the western shoreline into a majestic, modern coastal facility. The project commenced in fiscal 2009 and the sum of \$15.2 million was expended.

The National Academies for the Performing Arts are located in the cities of Port-of-Spain and San Fernando. These facilities are to house teaching and performance facilities for the arts in Trinidad and Tobago. This includes facilities for music, dance, drama, music and related arts. These academies are to be built as part of a Government to Government, two percent interest bearing concessional loan from the People's Republic of China to the Government of Trinidad and Tobago.



- o *Port of Spain National Academy for the Performing Arts* - This project will be a permanent home for the development of talent in the performing arts, with particular focus on the national instrument, the steel pan. The Academy will feature a vast array of open vistas for the enjoyment of the performing arts as well as contemporary classrooms, teaching halls and other practice spaces for the cultivation of the performance artistes of tomorrow.

The Academy for the Performing Arts is situated on a 273,963 sq. ft. site and will house:

- Three-Storey Academy with 20 teaching and practice rooms
- Four-Level Theatre with 1,239 Seats
- Four-Level Hotel with 52 rooms
- Parking 232 vehicles
- Two Multifunctional Halls with 516 seats
- Two Restaurants (Chinese and Western)

The estimated cost of this project is \$517.6 million.

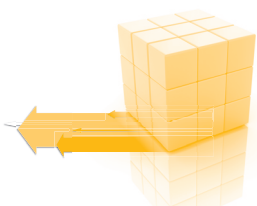
- o *San Fernando National Academy for the Performing Arts* – this academy is designed to be the cultural icon of the southland to be located in Todd Street San Fernando. The modern, G-clef inspired design of this Performing Arts Academy pays tribute to the facility's goal to be a training ground for world class performers - particularly in the fields of musical performance. Outfitted with the most advanced training and performance spaces and coupled with state-of-the-art acoustics, this academy will be the southern home for cultivation of local talent, with particular emphasis on the national instrument of Trinidad and Tobago, the steel pan.

The scope of the project includes 110,093.3 square feet facility and will feature an acoustically designed performance school with seating available for 185, theatre with 850 seats, two (2) practice halls, performing arts teaching facility, high-tech audio visual equipment, parking facilities, landscaped surroundings, adequate seating capacity and modern fire detection and security systems.

The project is scheduled for construction over the period 2007 to 2010.

For fiscal 2009, UDeCOTT expended \$415.0 million towards the construction of the National Academies for Performing Arts in 2009.

- o *Invader's Bay Development, Port of Spain* - UDeCOTT continued work on the Academy for the Performing Arts at Invaders Bay. This project involves reclamation of land from the Gulf of Paria in North Western Trinidad. The estimated cost of the project is \$46.4 million and is being financed by private sector borrowings. For fiscal 2009, the sum of \$0.5 million was expended.
 - o *Refurbishment of Stollmeyer's Castle* – The Stollmeyer's Castle was formerly a private residence that is to be restored for usage as a "Protocol House" for visiting dignitaries. Following the removal of the derelict structure, a small out-building "The Stables" is to be constructed to the rear of the Castle. This would house the staff in attendance of the VIPs. An ancillary Service Building is also scheduled to be constructed on the adjacent Glendining Property. To date the sum of \$19.8 million was expended on this project. For fiscal 2009, expenditure totaled \$3.6 million.
 - o *Refurbishment of Mille Fleurs* - the refurbishment of the Mille Fleurs Estate is being overseen by a team of specialists in restoration architecture. The project involves the restoration of the external structures of this historical gem to its original magnificence. Its intended use is as a museum opened to the public. Visitors to the Estate will be transported back to the era of the early 1900's, since the building will be internally outfitted as a "Period Building" and will maintain the Estate's historical and architectural integrity.
- To accommodate the needs of its contemporary clientele, a small out-building "The Mews" is to be constructed on the premises to house Offices for the Museum Staff, together with a research library and a cafeteria.



The restoration of Mille Fleurs Estate commenced in 2008 and to date the sum of \$9.8 million was expended on this project. For fiscal 2009 expenditure totaled \$2.0 million.

- o *Construction of a National Carnival Entertainment Centre* at the Queen' Park Savannah to include a retractable roof, an expansive food court, studios for artists, seminar and concert facilities, a state of the art media centre as well as a Carnival museum. The Centre will seamlessly melt into the Queen's Park Savannah, since it will preserve the current recreational use of the area whilst simultaneously catering to the needs of the modern and future users of the facility.

The National Carnival Entertainment Centre, an ultra modern and breath taking cultural arts facility that will enhance the historical site of the Grand and North Stands of the Queen's Park Savannah. The Centre will enhance the traditional Carnival activities and will include an inbuilt Carnival Arts Museum and exhibition space and administrative offices for Key Stakeholders. Additionally the centre will include:

- A four (4)- storey theatre seating 1,460
- A four (4)-storey hotel accommodation 59 rooms
- A three (3)-storey Performance Arts Academy
- Auxilliary facilities

To date the sum of \$46.5 million was expended on this project. For fiscal 2009, expenditure totaled \$1.3 million.

- o *Construction of the Brian Lara Stadium* – this academy is envisaged to be the focal point for the development of world class cricketers, the Brian Lara Cricket Academy will offer patrons a platform for viewing matches and a training facility that will define the cultivation of future cricket giants. The academy will be the first state-of-the-art cricket training facility to be constructed by GORTT.

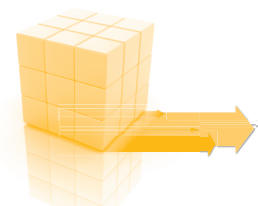
The academy covers constructed on a site of 232,809 sq. ft., with 99,972 sq. ft. being allocated to the

Stadium which has a seating capacity of 10,000 to 15,000 persons. The main features include:

- Seventy nine (79) meter radius or 19,610 sq. meter playing field encompassing 6 pitches on the main playing field
- Four (4) outdoor practice pitches
- Score Board
- Canopy
- Officials and Team locker rooms, facilities and operational equipment
- Club Lounge
- Two (2) car parks located in the North and South with the capacity to accommodate 1,760 vehicles
- Facilities for concessionaires and retail spaces for the sale of refreshments

To date the sum of \$685.1 million was expended on this project. For fiscal 2009, expenditure totaled \$31.8 million.

- o *Naparima Bowl Restoration* - the Naparima Bowl is a performing arts facility in the city of San Fernando which, upon refurbishment, will feature changing rooms, facilities for performers, and audience facilities. To date the sum of \$1.2 million was expended on the project. For fiscal 2009, expenditure totaled \$116,758.00.
- o *Refurbishment of White Hall* - One of Trinidad and Tobago's Magnificent Seven Buildings, the White Hall was constructed in 1904 and is located at Queens Park Savannah West. The building is to be refurbished and used as a "Protocol House" for visiting Heads of States.
- o *The Red House (Parliament Building)* - The structure was to be refurbished for use as the office of the Prime Minister, as well as a number of public areas including a Museum of Legislative History and a Museum of Executive History. A new Plant Room is to be constructed. To date the sum of \$67.0 million was expended on the project. For fiscal 2009, expenditure totaled \$15.7 million.



- o *Scarborough Esplanade* - The Scarborough Esplanade is a waterfront shopping and cultural tourist centre in Tobago. It comprises sixteen (16) single storey vendors' units, a pavilion, toilet facilities, paved walkways, landscaping and coastal protection works along Milford Road, Scarborough between Sangster's Hill Road and Steel River. Now home to a variety of public events and a point of interest for tourists, the Scarborough Esplanade has greatly enhanced the Waterfront in Scarborough and its appeal to the people of Tobago and visitors to the island.

To date, the sum of \$11.2 million was expended on the project. For fiscal 2009, expenditure totaled \$36,678.00.

These projects are a reflection of the tremendous development and transformation that Trinidad and Tobago is currently experiencing which will strengthen the image of the country in international affairs and diplomatic negotiations which will also serve the people of our nation in a multiplicity of other extremely positive and far-reaching ways.

Evolving Technologies and Enterprise Development Company Limited (eTeck)

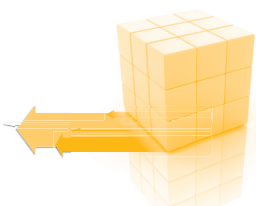
e-tecK, in its role as Manager of the lease operatorship for Hilton Trinidad and Conference Centre undertook the refurbishment and development of Hilton Trinidad and Conference Centre. The original estimated cost of this project was \$222.0 million which in 2008 was revised to \$484.0 million and in 2009 was further revised to \$674.7 million. e-Teck will meet funding of \$183.6 million and the balance is to be provided by GORTT.

This project commenced in 2005 and is scheduled for completion in 2010. Phases I & II were completed and is fully operational. These phases included 124 rooms, four (4) high quality presidential suites, upgrades to public areas, meeting facilities and the Upper Tea Terrace.

All rooms offer private balcony with stunning views of tropical gardens or the city, high speed Internet access, complimentary coffee and tea facilities, alarm clock with MP3 connection, in-room safe, and 42 high-definition LCD television in all deluxe, accessible, and executive rooms and junior suites and 52 high-definition LCD television in all presidential suites. The sum of \$166.5 million was expended in fiscal 2009.

In fiscal 2010, e-tecK has allocated an amount of \$175.9 million to continue its project. The next phase of the renovation is expected to be completed by December, 2009 and will involve upgrades to 174 guest rooms, corridors and lift lobbies located in the North Wing of the Hotel and the expansion of the Executive Lounge. The final phase of the renovation is expected to be unveiled in 2010 and will include:

- o The Spa Fitness Centre
- o Signage are ongoing and landscaping
- o Refurbishments of the following:
 - Meeting Rooms
 - Security and Storage Areas
 - The Entrance Area
 - Pool Terrace Restaurant
 - La Boucan Restaurant
 - Carnival Bar
 - Savannah Terrace
 - Main Kitchen
 - Pastry and Butcher Shops
 - Staff Restaurant
 - Pool Deck
 - Fire Tank and Electrical Works
 - Sprinkler System
 - Water Distribution System



REVIEW OF THE SUPPLEMENTARY PUBLIC SECTOR INVESTMENT PROGRAMME 2009 AND PROJECTIONS FOR 2010

ECONOMIC INFRASTRUCTURE

Transport and Communication

National Helicopter Services Limited (NHSL)

National Helicopter Services Limited (NHSL) was established to provide essential helicopter services to the Government. Additionally, the company provides helicopter services to the Private Sector, State Enterprises including NGC and companies within the exploration and production in the oil and gas sector.

In 2009, NHSL completed the following projects:

- o *Acquisition of one (1) S76C++ Medium Twin Helicopter* – NHSL had estimated the purchase of this helicopter at \$72.45 million. The acquisition commenced in the fourth quarter of 2008 and was completed by July 2009 at a cost of \$72.5 million. Funding was provided by the local commercial banking sector.
- o *Construction of Port of Spain Heliport* - The estimated cost of this project was \$4.5 million and commenced in October 2005. The project was completed in July 2009 at a cost of \$4.4 million. Funding was provided by the local banking sector.

During 2009 the company continued work on projects as follows:

- o *New Camden Passenger Terminal* – the construction of a new passenger terminal at Camden is estimated at \$10.0 million. The project commenced in 2007

and is scheduled for completion by August 2010. Funding is being provided by the local banking sector. As at March 31, 2009, an amount of \$0.1 million was expended.

- o *Galeota Heliport* – NHSL commenced work on the Galeota Heliport in 2007 at an estimated cost of \$5.0 million which was revised to \$10.0 million. The project is scheduled for completion in August 2010. Funding is provided by the local banking sector. An amount of \$0.1 million was expended on the project. The project is now expected to commence in the 1st quarter of fiscal 2010.

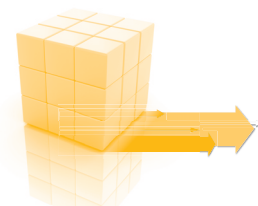
For fiscal 2010, NHSL will continue to expand and upgrade its fleet with the acquisition of another S76C++ helicopter. The project is estimated to cost \$75.0 million and is expected to commence in November 2009 with a completion date of March, 2010.

An allocation of \$48 million is provided in fiscal 2010.

Port Authority of Trinidad and Tobago (PATT)

PATT is mandated to develop the harbours of Trinidad and Tobago, operate port services and the Government Shipping Service between Trinidad and Tobago.

Geographically, the Port of Port of Spain is ideal for maritime traffic, providing a natural harbour on Trinidad's north-western coast where adverse weather conditions



are extremely rare. These ideal conditions, augmented by a skilled and dedicated workforce, have enabled the Government of the Republic of Trinidad and Tobago to implement an operational and a marketing strategy that will enforce the Port of Port of Spain's position as an economic hub for years to come.

The Port of Port of Spain provides many services which include:

- public international cargo-handling facilities for containerised, break-bulk, roll-on/roll-off and dry/liquid bulk cargo at King's Wharf and King's Wharf Extension
- dedicated facilities for the handling of CARICOM cargo
- Cruise shipping facilities at the Port of Port of Spain
- Towage and dredging services
- Real estate management
- International general cargo and cruise shipping facilities at the Port of Scarborough and
- Operation of the ferry service between Trinidad and Tobago, as agents of the Government of the Republic of Trinidad and Tobago.

The Port of Port of Spain has a container terminal extending over ten (10) hectares and empty Storage area of 6.5 hectares.

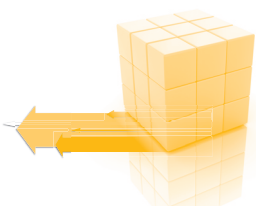
During 2009, the PATT continued a number of projects to improve and upgrade its facilities.

- o *807 Upgrade of the facilities at G.S.S.* – this project was expanded to include the refurbishment of Scarborough Terminal Building and to restructure internal design to accommodate increased demand in passengers. Along with the design of a new land infrastructure for GSS booth in Port of Spain and Scarborough. The estimated cost of this project was revised to \$76.9 million. For fiscal 2009, the sum of \$1.2 million was expended, however due to the change in scope, this project is now being funded by Government.

- o *Aids to Navigation* - this involves the purchase of fifteen (15) Navigational aids to assist vessels entering and exiting the Grier and Scarborough Channels. This project was completed during 2009.
- o *Acquisition of a Reach Stacker Crane and a Ship to Shore Crane* - PATT continued its drive for an improved and efficient service by completing the purchase of a Reach Stacker Crane and a Ship to Shore Crane.

CARICOM Wharves

- o *Construction of 250 metres of Perimeter Fence (806 ISPS upgrades)* – this project involves the demolition and removal of the existing fence and the erection of a one hundred and eighty (180) metres brick wall to replace the corroded existing fence and fulfill criteria to meet the standards of International Ship and Port Facility Security Code (ISPS Code). This project was deferred to fiscal 2010 and is being funded by Government.
- o *Pave unpaved area and create a three (3) metre strip along the perimeter fence (806 ISPS upgrades)* – this scope of works for this project entails demolition of incinerator and toilet facilities and grading and paving of the area. The creation of a three (3) metre strip along the perimeter fence will improve security and facilitate access to patrol vehicles. This project was deferred to fiscal 2010 and is being funded by Government.
- o *Repair Potholes (Cep 003)* - the scope of works for this project entails the excavation of areas requiring repairs, compacting areas and laying asphalt. This programme to repair potholes at CARICOM Wharves will enhance the roadway and implement safety standards at the Port.
- o *Construction of a new building* – the scope of work of this project entails the design and construction of a new building to house Immigration, Customs, Plant Quarantine, Insect Vector, Tide Surveyor, a Canteen and Port Authority Staff arising out of the Wrightson Road expansion project. This project was deferred to fiscal 2010 and is being funded by Government.



Main Port

- o *Repaving of Shed # 8 yard* – the scope of work of this project encompasses excavating, refilling and compacting and paving and resurfacing the area with asphalt to increase container storage facilities at the Port. This project was deferred to fiscal 2010 and is being funded by Government.
- o *Major pothole repairs in the MT container yard (Cep 010)* – this project entails excavation, foam stabilisation and resurfacing the area to repair potholes in the MT container yard. This project was deferred to fiscal 2010 and is being funded by Government.

Telecommunication Services of Trinidad and Tobago Limited (TSTT)

Telecommunications Services of Trinidad and Tobago Limited is the leading telecommunications service provider on the twin-island, Republic of Trinidad and Tobago, with offerings in fixed and mobile voice, broadband (fixed and mobile), Customer Premises Equipment (CPE) and enterprise and security solutions. The company is owned by GORTT and Cable and Wireless.

The liberalisation of the telecommunications sector in 2005 ushered in an era of intense competition in all areas of TSTT's operations. The intense competitive activity in the mobile industry has led to an exponential growth in the mobile subscriber base with Trinidad and Tobago boasting of 1.8 million mobile subscribers with a population of 1.3 million. Notwithstanding the advent of competition, TSTT through clinical execution of its focused strategies has managed to maintain industry leadership across all its Lines of Businesses (LOBs).

For the continued successful evolution of the business in a mature and stable competitive environment, TSTT must:

- Upgrade its existing networks to provide greater bandwidth and more advanced services
- Improve customer service and service delivery
- Improve relations with all stakeholders

- Become more competitive by reducing its cost structures while at the same time improving efficiency and productivity
- Enter into new and adjacent telecom markets

In consideration of the above and recognising the need to ensure long-term sustainability TSTT devised a comprehensive Capital Expenditure (CAPEX) Plan for financial year 2008-2009 which was successfully executed. TSTT is now structured along the line of Converged Services, Mobile Services, Enterprise Services and Integrated Operations. The projects undertaken within these major groupings are as follows:

- o *Broadband Upgrade* - for the financial year 2008-2009, TSTT expended \$162.8 million and successfully improved its wired and wireless offering in terms of affordability, reach and coverage. TSTT improved its international capacity and servers and also provided better tools for its workforce.

For fiscal 2010, TSTT will continue deployment of wired and wireless Broadband solutions. More than 85% of the proposed spend will be directed toward further upgrade of the International capacity and the deployment of all types of modems. Investments will also be made on service improvements, quality control mechanisms and tools.

- o *Fixed and Carrier Services* - for the financial year ended 2008-2009, \$18.0 million was spent of which ninety three percent (93%) related to the acquisition of a Voice over Internet Protocol (VOIP) Platform as well as Next Generation Network (NGN) Digital Loop Carrier (DLC) Cutovers, Carrier Interconnections as well as Customer Premises Equipment (CPE). Funds were also utilised for the prepaid platform upgrade, billing software and outfitting the workforce with enhanced tools.

In the financial year 2009-2010, TSTT will complete a range of projects including VOIP and will also continue with its DLC cutovers, Fibre to the Node (FTN) deployment and Line and Customer Premises Equipment (CPE) installation and rollout.



- o *Mobile Services* - In fiscal 2009, TSTT expended \$75.0 million on the 1800 to 1900 Radio migration and resiliency project, coverage improvements, billing system upgrades and power and backup systems. Other expenditure included the provision of tools for the workforce to improve efficiency and productivity.

Planned activities for financial year 2009-2010 are geared towards assuring continued coverage improvements across both islands, improved back up power systems, software and hardware upgrades as well as facilities upgrade.

- o *Enterprise Services* - A total of \$46.2 million was expended in fiscal 2009 in the following areas:
 - The provision of Government Fibre based IP services
 - GORTT backbone – phase 2
 - PABX and data related rental equipment

For fiscal 2010, TSTT proposes to continue with the rollout of WIMAX, expansion of the GORTT backbone, Fibre rings deployment, PABX and data and Video conferencing.

- o *Access Infrastructure and New Business* - In fiscal 2009, TSTT expended the sum of \$123.0 million in the area of Outside Plant Rehabilitation and the GIS System.

In fiscal 2010, TSTT will focus on Outside Plant Modernisation and Rehabilitation as well as security control.

- o *Security* - In the financial year 2008-2009, the sum of \$12.0 million was spent on Electronic Security Systems as well as IT and Technical Security and Detection Systems.

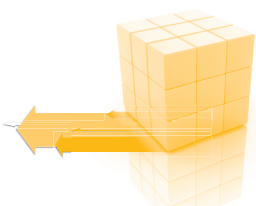
For fiscal 2010, the company's Security Division is seeking to gain significant market share in the alarm monitoring and video surveillance markets. To this end, TSTT expenditure will be in the area of equipment acquisition for the planned deployment of alarm monitoring and video surveillance services as well as in the area of facilities upgrades.

- o *Technology* – for the financial year 2008-2009, TSTT expended the sum of \$95.0 million on its Network Management System, Data Centre implementation, Transport Engineering and Development and Network Power System upgrades.

For fiscal 2010, there will be a significant increase in expenditure in the area of Technology and will be directed toward the automation of front end/front office processes. Other expenditure will range from deployment of an Enterprise Reporting Platform to Network Transport Sync/Resiliency and Simplification.

- o *Other* - The other projects in the areas of Regulatory and Asset Rationalisation, Finance, Human Resources and Administration, Marketing and Customer Service utilised the sum of \$19.0 million in the financial year 2008-2009.

The proposed expenditure for fiscal 2010 will include PeopleSoft upgrade.



REVIEW OF THE SUPPLEMENTARY PUBLIC SECTOR INVESTMENT PROGRAMME 2009 AND PROJECTIONS FOR 2010

SOCIAL INFRASTRUCTURE

Education and Training

National Maintenance Training and Security Company Limited (MTS)

MTS was incorporated with the specific objective of providing high quality maintenance and security services to newly constructed government schools including Senior Comprehensive, Junior and Composite Secondary Schools. The company has since expanded its services to include ground maintenance, technical, horticultural and project management to agencies in the public and private sector.

MTS has performed the role of Programme Manager and has implemented several projects including the design, construct and outfitting of schools. The company also completed a programme of schools refurbishment, classroom upgrades and pre-engineered classrooms.

MTS is currently implementing *repairs and upgrades* in two hundred and eight (208) schools at an estimated cost of \$51.8 million. These upgrades are targeted for completion in 2009. MTS continues implementation of the *Phase I Additional Blocks Programme* which involves the construction of an additional block in Matura High School. In addition, the company is continuing the *implementation of its Phase II School Construction Programme* which involves repairs to defects and construction of pre-engineered rooms in eight (8) completed schools at a cost of \$38.3 million.

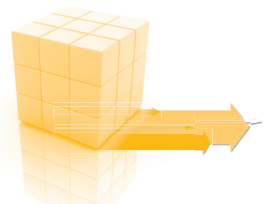
Housing and Settlements

Trinidad and Tobago Housing Development Corporation (HDC)

Government's housing policy prescribes that affordable, quality housing units are made available to the citizens of Trinidad and Tobago by the construction of 10,000 new houses per annum for ten years commencing 2002. The policy prescribes that subsidised programmes be provided which are aimed at reducing the cost of acquiring a home. The policy also provides for home improvement grants designed to assist existing homeowners to improve their living conditions.

To this end, Government embarked upon a major State housing initiative, the Accelerated Housing Programme, which is being implemented by the Trinidad and Tobago Housing Development Corporation (HDC). The major components of the Accelerated Housing Programme are detailed as follows:

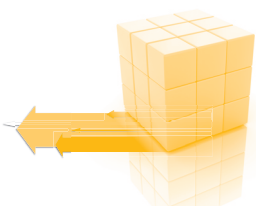
- o *Infill* – Small contractors are utilised to construct new homes on available lots in existing HDC developments. In so doing, small contractors are able to participate in the Housing Programme and provide invaluable business experience for these micro companies.
- o *The Joint Venture Programme* – The HDC enters into joint venture partnerships and medium and large contractors to design and build new homes and communities.



- o *Urban Housing Programme* – This project is designed to rejuvenate aging cities and underdeveloped areas by integrating modern housing with related amenities and infrastructure. The initial phase of this programme will facilitate the development of:
 - East Bridge Port of Spain
 - Edinburgh Towers, Chaguanas
 - New Fields, Chaguanas; and
 - Southbridge, San Fernando
- o *New Towns* – This new component of the Accelerated Housing Programme proposes the development of La Brea, Princes Town and Chaguanas as new town centres.

In fulfilling its mandate, the HDC continued constructing housing units throughout the country. These units were financed utilising the issue of the Third Tranche of the Fixed Rate Bond. HDC continued the construction of housing units in the following areas:

- o *Greenvale, La Horquetta* – this project commenced in 2004 at an estimated cost of \$270.0 million. This project was broken up into Phases. Phase A will have 199 units, Phase B – 217 and Phase C – 239 units comprising duplex and single family units.
- o *Cleaver Heights, Arima* – the estimated cost of this project was revised from \$143.0 million to \$149.2 million. Phase I and II were completed. Work for the Phase 3 is on going which includes 408 housing units.
- o *Fidelis Heights/Bates Trace* – the estimated cost of this project is \$94.2 million. An amount of \$51.8 million was expended to complete 157 town houses and apartments. This project was completed.
- o *Carlsen Field Phase 2* – this project consists of the construction of 250 Single Family Units at an estimated cost of \$53.4 million.
- o *Carlsen Field 3B* – this project scope has changed and it involves the construction of 190 Townhouses and Single Family Units. The revised cost is estimated at \$76.7 million.
- o *Edinburgh South* – This project is estimated at \$366.1 million and includes the construction of 1,410 units. Phase I comprising 311 units was completed. Infrastructure is in place and work is progressing.
- o *Corinth, San Fernando* – This project includes the construction of approximately 748 units at a revised cost of \$398.4 million. Phase 1 comprising 238 units was completed. Phase 2 was spilt and now comprises 231 single family units, town houses, apartments and Phase 3 comprises 279 single family and townhouse units. These projects are ongoing.
- o *Harmony Hall, San Fernando* – this project was revised from the construction of 160 units to 152 units at a revised cost of \$102.0 million. Work is continuing on this project.
- o *Retrench, San Fernando* – this project involved the construction of 240 units which was revised to 202 units comprising of townhouses and apartments and SFU estimated at \$110.7 million. Single family units completed. Work is continuing on this project.
- o *Golconda, San Fernando* – this project was revised and involves the construction of 415 units estimated at \$195.1 million. Phase 1 included 210 units and was completed and works on Phase 2 which comprises 205 housing units including single family units, duplexes and town houses are in progress.
- o *Wellington Road, Debe* – this project was expanded from the construction of 160 units to 280 single family units. The revised cost is \$106.4 million. Work is continuing on this project.
- o *Edinburgh 500 Apartments* – The estimated cost of this project is \$100.0 million. Foundation work is completed. Steel fabrication, plumbing and electrical works are in progress.
- o *Victoria Keys, Diego Martin* – this project involves the construction of 238 apartments estimated at \$135.9 million.



- o *Four Roads, Diego Martin* – this project was revised and now involves the construction of 96 apartments at an estimated cost of \$62.6 million.
- o *Pioneer Drive, Mt. Hope* – this project involved the construction of 60, three (3) bedroom town houses and was revised to 36 units. The revised cost is \$50.0 million.
- o *Farm Grove, Curepe Phase 3* – this project involves the construction of 238 apartments comprising four (4) seven (7) storey buildings estimated at \$276.0 million. Phases 1 & 2 were completed.
- o *Vieux Fort* – this project was revised and involves the construction of 100 apartment units at a revised cost of \$100.0 million.
- o *Princes Town – New Town* – this project was renamed the Fairfield and Broomage Housing Development and is expected to yield 2,500 units and will comprise a mix of single family, duplex, townhouse and apartment units. The project cost is estimated at \$1,230.0 million and the duration is approximately seventy-five (75) months. The project is due to commence in fiscal 2010.
- o *East Port of Spain* – this project was renamed the Eastbridge Housing Development and was revised to yield 450 apartment units. The project cost is estimated at \$221.4 million. The project is due to commence in fiscal 2010.
- o *Belmont Housing Development, Belmont* – this project is expected to yield 96 units and will comprise a mix of single family, duplex, townhouse and apartment units. The project is estimated at \$47.2 million.
- o *Courland Housing Development, Plymouth - Tobago* – this project is expected to yield 300 units and will comprise a mix of single family, duplex, townhouse and apartment units. The project is estimated at \$147.6 million.
- o *Maracas St. Joseph Phase 2 Housing Development - Maracas* – this project is expected to yield 100 units and will comprise a mix of single townhouse units. The project is estimated at \$49.2 million.
- o *Union Hall Housing Development, San Fernando* – this project is expected to yield 500 units and will comprise a mix of single family, duplex, townhouse and apartment units. The project is estimated at \$246.0 million.
- o *Twilite Housing Development, Vistabella* – this project is expected to yield 200 units and will comprise a mix of single townhouse units. The project cost is estimated at \$98.4 million.
- o *Mayaro Housing Development, Mayaro* – this project is expected to yield 200 units and will comprise a mix of single family units. The project cost is estimated at \$98.4 million.

Projects earmarked for fiscal year 2010 are:

- o *Pineapple Smith Housing Development, Arima* – this project is expected to yield 400 units and is estimated to cost \$196.8 million
- o *Enterprise Phase 2 Housing Development, Enterprise Chaguanas* – this project is expected to yield 2,000 units and will comprise a mix of single family, duplex, townhouse and apartment units. The project cost is estimated at \$984.0 million and the duration is approximately sixty-five (65) months.
- o *Cocorite Housing Development, Cocorite* – this project is expected to yield 96 apartment units. The project is estimated at \$47.2 million.
- o *Guayaguayare Housing Development, Guayaguayare* – this project is an extension of an existing NHA/HDC housing development and is expected to yield 60 units. The development will comprise a mix of single family units. The project is estimated at \$29.5 million.
- o *Exchange 2 Housing Development, Couva* – this project is an extension of Exchange 1 Housing Development and is expected to yield 60 units and will comprise a mix of single family, duplex and townhouse units. The project cost is estimated at \$29.5 million.
- o *Curepe Housing Development, Curepe* – this project is expected to yield 200 units and will comprise



a mix of single family, duplex, townhouse and apartment units. The project is estimated at \$98.4 million.

- o *Oropune Housing Development, Orange Grove, Oropune* – this project was initially expected to yield 450 units comprising a mix of single family, duplex, townhouse and apartment units. However, the project scope has change and is now being proposed for a large scale development to yield 2,078 units at an estimated cost of \$1,022.4 million.

The above housing projects which will be undertaken by the HDC will be funded through a mix of Infrastructure Development Fund and internally generated funds.

Urban Development Corporation of Trinidad & Tobago Limited (UDeCOTT)

In fulfilling Government's commitment to improve the quality of life for citizens and for the rehabilitation of urban development, UDeCOTT has undertaken and completed the construction of a number of housing units across the country including developments located at:

- o *Lady Young Road Apartments, Morvant* - UDeCOTT completed the first phase of development and handed over twenty (20) units to the Trinidad and Tobago Housing Development Corporation in 2007. This development was designed to provide high quality, yet affordable housing to the people of Trinidad and Tobago, this apartment complex consists of two hundred and ninety six (296) residential, single family apartments on the immediate outskirts of the capital city of Port of Spain. These apartments are strategically located to allow home owners easy access to all of the city's amenities, including transportation, commercial centres, schools and playgrounds.

- o *Blenheim Housing Development Project (Tobago)* - UDeCOTT is continuing work on 80 land lots in Blenheim and to date has expended the sum of \$11.2 million. For fiscal 2009 the sum of \$186,848.00 was expended. This project is 35% completed.
- o *Castara Housing Development Project (Tobago)* – The company is developing 54 land lots in Castara and to date has expended the sum of \$14.9 million.
- o *Roxborough Housing Development Project (Tobago)* - UDeCOTT is also developing 77 land lots in Roxborough for future housing development.
- o *Rincon Land Development, Las Cuevas* - UDeCOTT is developing land for house lots and homesteads totaling 369 parcels in Rincon, Las Cuevas.
- o *Canaan Place, La Romain* - UDeCOTT is developing a housing project in La Romain comprising eighteen (18) housing lots.

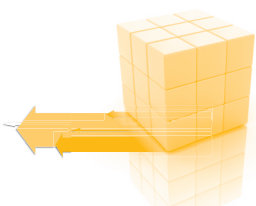
Construction of housing developments at Canaan Road, La Romain and Real Spring, Valsayn are scheduled for completion in fiscal 2009. Work is continuing on this development and an amount of \$5.6 million was expended on the Real Spring, Valsayn in fiscal 2009.

National Insurance Property Development Company Limited (NIPDEC)

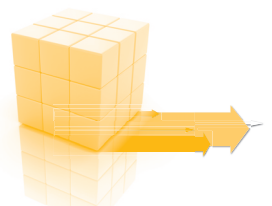
NIPDEC is a subsidiary of the National Insurance Board (NIB), whose mission is to develop, manage and sell property, goods and services in partnership with the NIB and other Organisations in Trinidad and Tobago.

NIPDEC commenced work on several projects to provide recreational facilities to communities and restore certain historical sites. This includes the construction of Cocoyea Recreational Facilities of which Phases I and II are complete and Phase III commenced in fiscal 2007.

In 2009, NIPDEC continued works on the Programme for Upgrading Road Efficiency (PURE) for the Ministry of Works and Transport. This involves:-



- o *The construction of retaining walls to prevent landslips.* The total cost of the project is \$66.0 million. The company has allocated the sum of \$30.0 million for 2009 and \$36.0 million for 2010;
 - o *Rehabilitation of roads.* The total cost of this project is \$525.0 million. NIPDEC has allocated the sum of \$100.0 million for 2009 and \$425.0 million for 2010.
 - o *Traffic management measures which includes highway extensions, construction of additional lanes and walkovers.* The total cost of this project is estimated at \$460.0 million. The company has allocated \$103.0 million for 2009 and \$357.0 million for 2010.
- NIPDEC, for fiscal 2010, will undertake the following projects as well as continue works on the above projects:
- o *Construction of alternative access routes, that is, link roads.* The cost of the project is estimated at \$16.0 million and is scheduled for completion by 2010; and
 - o *The relocation of the Ministry of Works and Transport Mechanical Unit to Frederick Settlement, Caroni.* The cost of this project is estimated at \$37.7 million and is scheduled for completion by January 2010.



REVIEW OF THE SUPPLEMENTARY PUBLIC SECTOR INVESTMENT PROGRAMME 2009 AND PROJECTIONS FOR 2010

ADMINISTRATION

Public Order and Safety

Airports Authority of Trinidad and Tobago (AATT)

Airports Authority of Trinidad and Tobago (AATT) is mandated to develop and manage the business of the Piarco International Airport and Crown Point International Airport of the Republic of Trinidad and Tobago. The Airports Authority ensures that safe, secure and efficient aviation services are provided at the country's airports. The Authority's strategic focus continues to be one of delivering high quality services and facilities. While the existing systems and infrastructure at both Piarco and Crown Point are being upgraded, the AATT is also involved in bringing runway and airside facilities to international standards.

During 2009, AATT continued to implement a number of projects to improve and upgrade its facilities as follows:

- o *Airport Firefighting Facilities* - construction and outfitting of a new fire station at the Piarco International Airport, at an estimated cost of \$34.0 million. This Project was transferred to Public Sector Investment Programme.
- o *Piarco International Airport Runway Overlay* - this project involves the completion of hot mix asphalt paving (HMA) on the eastern end of the Piarco International Airport Runway, at an estimated cost of \$218.0 million. This phase of the project was completed.

- o *Crown Point Airport Expansion and Modification-Design and construction of Ramp and Terminal facilities at Crown Point Airport* - these facilities will cater for the international and domestic passengers. The project includes the purchase of pre-fab building, foundation works and the inclusion of plumbing, electrical facilities and erection of the pre-fab building. For fiscal 2009, the sum of \$2.1 million was spent and the project is due for completion by September 2009.
- o *Infrastructure Airport Hotel Site* - this entails the development of roads, drainage and utilities to service the commercial development of the Airport Estate and facilitate the construction of an Airport hotel and a meteorological complex estimated at \$105.0 million. Road works will be undertaken in fiscal 2010.

For fiscal 2010, the Airports Authority will undertake the following projects:

- o *The construction of a Sewer Treatment Plant* at a cost of \$11.0 million. This Plant will replace the present sewer treatment plant located at Crown Point International Airport. The project is expected to be completed during fiscal 2010. The project will be funded through loan financing.
- o *Installation of a FEC System* at a cost of \$64.0 million. This system will replace the current airfield lighting control and monitoring system which is obsolete.

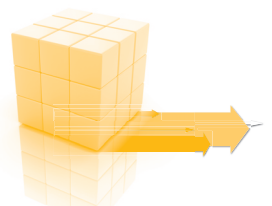


The duration of this project is fifteen (15) months and will commence in fiscal 2010. The project will be funded through loan financing.

- o *The Continuation of its Runway Rehabilitation Works.* This involves the design and construction of a runway overlay, including cold milling and placement of a hot mix asphalt overlay. For fiscal 2010, the sum of \$130.0 million was allocated to this project and the duration is estimated to be six (6) months. The project will be funded through loan financing.
- o *Infrastructure Airport Hotel Site* – for fiscal 2010, the Airports Authority will undertake the construction

of the basic road infrastructure to facilitate the development of acreage to service the Airport Hotel and Meteorological Service building at an estimated cost of \$45.0 million. The duration of this project is estimated to be eight (8) months. The project will be funded through loan financing.

- o *Repairs to Perimeter Road and Fenceline.* This project involves replacing existing fenceline at CPIA and repairs to Perimeter Road to ensure safety of the airport premises. The project is estimated to cost \$5.5 million and its duration is three (3) months. The project will be funded through loan financing.



REVIEW OF THE SUPPLEMENTARY PUBLIC SECTOR INVESTMENT PROGRAMME 2009 AND PROJECTIONS FOR 2010

ADMINISTRATION

Public Administration

Urban Development Corporation of Trinidad & Tobago Limited (UDeCOTT)

As Government continues to vigorously pursue its goal of ensuring that Trinidad and Tobago achieves developed country status, UDeCOTT is positioned to become the premier property developer in the country. The company is a key agency engaged in activities that impact on the infra-structural development of Trinidad and Tobago.

In fiscal 2009, UDeCOTT continued work on the projects listed hereunder:

- o *Government Campus Plaza* – this campus will fulfill the Government’s goal of ensuring that the public can quickly and conveniently access the services of five (5) of its Government Ministries/agencies. Currently under construction on Richmond Street and Wrightson Road in Port of Spain, the Government Campus Plaza will be one of the projects that will change the skyline of the nation’s capital. Located just across from the Port of Spain International Waterfront Centre on a 1.154 million square foot quadrangular piazza, the Government Campus Plaza will provide not only office accommodation and parking, but also an aesthetically pleasing public plaza with manicured gardens and entertainment space. In the plaza, just below the state-of-the-art, outdoor 40 x 70 ft screen

mounted on one of the plaza’s two 23-storey towers, nationals and non-nationals alike will benefit from an outdoor performance area, which will be used for showcasing cultural festivals and performances.

To date the sum of \$1,786.4 million was expended on the project. For fiscal 2009, expenditure totaled \$193.5 million.

- o *Scarborough Regional Library* – This is a 20,780 square feet, tri-level structure, designed to provide a state-of-the-art environment conducive to learning and will be the meeting place for children, students, parents, intellectuals and all citizens of the island of Tobago. The Library will be located in the centre of Scarborough Market Square and will include:
 - An Auditorium;
 - Children’s Library;
 - Training and Meeting space; and
 - Office space

To date the sum of \$49.4 million was expended on the project. For fiscal 2009, expenditure totaled \$4.3 million.

- o *Scarborough Financial Office Complex* - an 80,000 square feet complex to offer convenient access to a variety of services and departments under the Tobago House of Assembly. Plans are in the pipeline for a new Transit Hub to alleviate the traffic congestion in the city. The Complex will feature:



- A commercial building featuring office accommodation for a variety of departments of the Tobago House of Assembly;
- Parking facilities;
- A link bridge to the Scarborough Transit Hub's multi-storey parking facility;
- A loading bay for deliveries;
- Wiring for internet and cable services;
- Conference and lecture facilities;
- Recreational facilities; and
- Storage areas.

To date the sum of \$20.6 million was expended on the project. For fiscal 2009, expenditure totaled \$5.0 million.

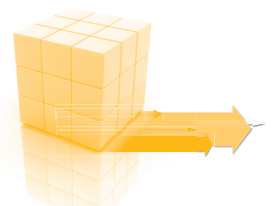
- o *Relocation of the Port of Port of Spain* is another critical undertaking. This project includes dredging works and widening of the existing channel in the East Sea Lots core area and relocation of the Tobago Ferry System, the Cruise Ship terminal and Caricom jetty. Approximately, seventeen (17) acres of land will be reclaimed for the project. In fiscal 2009, the sum of \$5.5 million was expended on the project.
- o *Chaguanas Regional Corporation Complex* – the complex was designed on a 35,000 sq. ft. site. It is to feature a two (2) storey Administration Building and incorporate a landscaping interior courtyard together with a council chamber, an auditorium and a cafeteria. There are separate structures for a Day Care, Electrical Kiosk and Sewage Treatment Plant. On-site parking is provided for 127 vehicles. To date the sum of \$59.5 million was expended on the project. For fiscal 2009, expenditure totaled \$31.9 million.
- o *Chancery Lane Complex* – This facility will feature office accommodation (10 levels) 130,000 sq. ft., retail accommodation (3 levels) 75,000 sq. ft., rooftop/civic space 11,500 sq. ft., a library, 160 Parking Spots and 320 Parking Spots at Car Park Expansion. To date the sum of \$365.5 million was

expended on the project.

- o *Ministry of Education Tower* - This project consists of a 16 storey, glass and steel office tower with 237,370 sq. ft. of floor space, as well as a 5 storey glass and steel building with 35,420 sq. ft. of floor area. To date the sum of \$355.6 million was expended on the project. For fiscal 2009, expenditure totaled \$96.4 million.
- o *Ministry of National Security* - Government has contracted UDeCOTT to manage the construction of its National Security Portfolio. In accordance with the Vision 2020 goal, the need for an environment which ensures public safety and security through law and order has to be realised with the commitment of resources to the protection of life and property. This portfolio is aimed at maintaining awareness on co-ordination of disaster preparedness and emergency relief as well as controlling the flow of people into and out of the country. Such management is to be facilitated by the construction of:
 - Nineteen (19) Police Stations
 - One (1) Police training college and gym facility
 - Four (4) Defense Force facilities
 - Two (2) Prisons
 - Twelve (12) Fire Stations
 - A new Administration Complex for the Army
 - One (1) Forensic Science lab
 - Additional works to other existing facilities

For fiscal 2009, the sum of \$4.5 million was expended on this portfolio.

- o *Ministry of Health* - UDeCOTT was contracted by Government to manage the construction of the Ministry of Health portfolio. The portfolio aims at increasing the government's ability to service the medical needs of the society in urban and rural areas. This goal is to be accomplished by the construction of:
 - Three (3) Hospitals
 - An Oncology Centre



- A Ministry of Health Administration Head Quarters
- A National Public Laboratory
- Two (2) Districts Health Facilities

- o *Arima Regional Corporation* – This project involves the construction of a new single- structure, 42,000 square foot complex designed to house the administrative arm of the Arima Borough Corporation. As the fourth largest town in Trinidad and Tobago, Arima has rapidly flourished into a main corporate hub for persons residing and working along the north-east area of Trinidad. The 42,000 sq. ft. Complex will be constructed on the centrally-located Sanchez Street and will provide residents of Arima and its environs with modern accommodation for centralised Local Government services.

Engineered to take into account the expanded responsibilities of Local Government bodies and to increase comfort, service and efficiency to the people of this Borough, the Complex will rise to seven (7) storey and consist mainly of office space. The structure will be fully air-conditioned, wired for modern communications, equipped with advanced fire detection and security systems, and will include two elevators. The building will also house a Multi-purpose Auditorium and will accommodate basement parking for forty-four (44) vehicles and ground-level parking for eight.

To date the sum of \$5.7 million was expended on the project. For fiscal 2009, expenditure totaled \$2.2 million.

- o *Diego Martin Regional Corporation* - This new 40,000 sq. ft. Diego Martin Administrative Headquarters will provide centralised local government services to the residents of this fast growing suburb of Port of Spain. Designed to incorporate the most modern building and design codes with ground-breaking technology, the Diego Martin Administrative Headquarters will also feature:

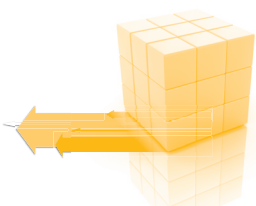
- A three-storey Administration Building;
- Separate structures for a day care centre, an ambulance station, and a police post.
- Council Chamber;
- Multi-purpose auditorium;
- Cafeteria;
- Two elevators;
- On-site parking,
- Full air-conditioning, and
- Fire detection and security systems.

To date the sum of \$8.0 million was expended on the project. For fiscal 2009 expenditure totaled \$4.4 million.

- o *Ministry of Public Administration* - Designed to be the information epicenter of the Government of Trinidad and Tobago, the new Ministry of Public Administration and Information (MPAI) Building will be a hub of state-of-the-art telecommunications technology which will enable the Ministry of Public Administration and Information to ensure that the public is updated on national achievements and plans for future success. Located on the outskirts of the nation's financial centre, Port of Spain, the new building is well positioned to be the nucleus of Government communications.

Potential end users will benefit from a basement car park for ease of access and service elevators to facilitate media access and the transportation of telecommunications equipment. The structure also includes the following features and benefits:

- The use of modern networking and cabling to support the state-of-the-art technology needs of the Ministry of Public Administration and Information;
- The inclusion of modern media briefing rooms which will utilise technologically advanced Audio Visual equipment;
- The provision of adequate space for the training



of staff and other stakeholders;

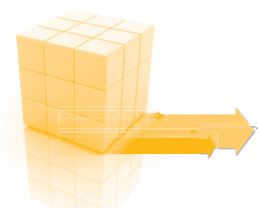
- The inclusion of recreational space into the design to foster team-building and creativity, which will lend to the holistic approach of the Ministry;
- The use of a chilled water type cooling system allowing for more efficient and cost effective air-conditioning;
- The inclusion of passenger and service elevators for ease of access and egress to the three floors and basement levels;
- The use of modern, sensitive design to cater to the needs of the physically challenged; and
- The utilisation of advanced fire detection and security systems.

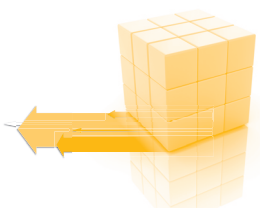
To date the sum of \$107.6 million was expended on the project. For fiscal 2009, expenditure totaled \$3.5 million.

- o *Ministry of Energy and Energy Industries* - this project involves construction of an office building to include a main building, auditorium, cafeteria and raised car park at an estimated cost of \$65.0 million.
- o *Ministry of Local Government Building* - this project involves construction of an administrative headquarters for the Ministry of Local Government – this office building is in conceptual stage.
- o *Ministry of Agriculture, Land and Marine Resources Head Office* – this project involves the construction of an office building for the Ministry of Agriculture, Land and Marine Resources.
- o *People's Mall, Port of Spain* – the scope of this project involves the redevelopment of a shopping centre in Port of Spain.
- o *The Scarborough Transit Hub* - this hub is envisioned to be the core of the transportation network for the heart of the capital of Tobago, the Scarborough Transit Hub will be a modern centralised node from which the mass public transportation network of Tobago will be serviced.

UDeCOTT is also responsible for the implementation of the following projects which are in the conceptual stage:

- o *Harris Promenade Development*
- o *Port of Spain Legislative Complex*
- o *Palmiste Development, San Fernando*
- o *Princes Town Regional Corporation Administrative Complex*
- o *San Fernando Transit Hub*
- o *San Fernando Waterfront Development, King's Wharf*
- o *Pan Trinbago Headquarters*
- o *Cove Industrial Estate, Lowlands*
- o *Tobago House of Assembly (THA) Roxborough Mall, Roxborough*
- o *Tobago House of Assembly Scarborough Market*
- o *St. Vincent Place*
- o *Salvatori Building*







Government of The Republic of Trinidad & Tobago



*'Strengthening Efficiency,
Addressing the Challenges'*

Vision 2020

APPENDIX I SUPPLEMENTARY PUBLIC SECTOR INVESTMENT PROGRAMME 2010

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 TT\$Mn	Status 2009
Economic Infrastructure							
Business and Trade Expansion - Energy Sector							
The National Gas Company of Trinidad And Tobago Limited (NGC)							
Transmission Pipelines							
North Eastern Offshore Pipeline (NEOP) - BHP Offshore Transmission Expansion	2,362.5	2006 - 2010	80% from external financing and 20%	3.8	709.9	395.6	Construction of a 36" Offshore Pipeline from the BHP platform to the 36" BUD Pipeline to accommodate additional gas to be delivered from BHP; BP; EOGR and Repsol gas fields. The company experienced delays with the commencement of concrete costing, invoicing for pipes and procurement of major equipment. An amount of \$709.9 million was expended over the period October 2008 to June 30, 2009 for detailed engineering and design, procurement of concrete coated line pipes, construction of interconnection facilities, surveys, environmental impact assessment and project management services. The budgeted expenditure for the quarter ended September 2009 is \$395.6 million for engineering, completion of procurement of concrete coated line pipes and other materials, construction of interconnection facilities, project management and commencement of pipeline construction.
Beachfield Upstream Development (BUD) Pipeline and Related Facilities	0.0	2002-2006	80% from external financing and 20% equity.	64.9	50.2	0.0	Construction of 36" Beach field Upstream development (BUD) Pipeline and related Facilities. The onshore pipeline & facilities are in operation. The closing cost was US\$225.0Mn compared to the original cost of US\$153.0Mn. This project was subjected to both cost and time over-runs. This project was completed. The original estimated cost of the project was \$863.4 million but was revised to \$1,436.7 million. Financing arrangement was provided utilising a debt to equity ratio of 80% to 20%. The project commenced in 2002 and was completed in 2008. The onshore and offshore pipelines and facilities are currently in operation. For fiscal 2009, an amount of TT\$50.2 million was incurred for commissioning of the pipeline.

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 TT\$Mn	Status 2009
Distribution Pipelines & Related Facilities							
Point Lisas Ring Main	85.0	2005 - 2009	Internally generated funds	26.6	5.7	0.0	Construction of a 36" Pipeline Loop to be added to the existing Ring Main. The 36" pipeline loop will be approximately 6 km in length commencing at the Phoenix Park Intermediate Station and ending at tie-in points with the 24" Ring Main on Atlantic Avenue and the 20" spur line off Pacific Avenue. Mechanical completion of pipeline construction have been completed. For the period 2008 October to 2009 June the sum of \$5.7 million was expended. The major activities completed during this period were mechanical completion of the pipeline, hydrostatic testing of the pipeline, completion of the certified verification agent's review and Ministry of Energy & Energy Industries approval, pipeline commissioning and civil engineering works.
Pipeline to Union Industrial Estate	203.0	2006 - 2010	Internally generated funds	2.6	27.9	20.1	Construction of an 11 km, 24", diameter spur pipeline, inlet pressure control, and metering and regulation control to deliver 250 mm ³ from the 24" NCMA BG pipeline at Guapo Bay to Union Estate and a low pressure plastic line from Union Estate to the LABIDCO estate. Actual expenditure for this period is \$27.9 million which comprises QA/QC Services for pipe manufacture and coating \$1.0 million, construction of pipe storage yard \$0.2 million, manufacture, coat and ship pipes \$25.9M and final payment on valves \$1.2 million have been completed. All planned activities for the period have been completed on time and under budget. The budgeted expenditure for the quarter July 2009 to September 30, 2009 is \$20.1 million which will include engineering, design and equipment procurement.
New Industrial Estate & Small Consumers							
- Pipeline to e-Teck Wallerfield	108.4	2006 - 2010	Internally generated funds	4.0	3.3	7.2	Construction of a 3 km 6" supply line and a 10 km 6" low pressure distribution network in the e-Teck Tamana Park, Wallerfield to supply light industrial customers. An amount of \$10.5 million was allocated to this project in fiscal 2009. A revised amount of \$10.74 million was allocated to this project in fiscal 2009. The expenditure to June 2009 was \$3.3 million. Budgeted expenditure to September 30, 2009 is \$10.5 million. Construction is in progress with scheduled completion in the forth quarter of 2009.

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 TT\$Mn	Status 2009
- Pipeline to North West Peninsula - Phase III to Diamond Vale		2006-2009	Internally generated funds		0.0	0.0	This is the construction of a 6 km 6" diameter pipeline from to e-Teck's Diamond Vale Industrial Estate to supply natural gas to light industrial users. This project has is on hold. There are no immediate plans to re-open this project.
- Pipeline to Longdenville		2007-2009	Internally generated funds		0.8	0.0	Construction of a pipeline to Longdenville to supply light industrial users. Actual expenditure incurred during the period October 2008 to June 2009 was \$0.75 million for survey works, EIA and material procurement. Construction works have been delayed due to constraint on in-house resources for execution of the works.
- Pipeline to Gulf City/Otahete		2007-2009	Internally generated funds				Construction of a 6" natural gas pipeline network to supply customers at Gulf City, Otahete and San Fernando. Project delayed.
- Pipeline to Amonia, Urea and Melamine (AUM) Plant		2007-2009	Internally generated funds		8.2	0.1	Construction of a 12" pipeline to supply the AUM complex and construction of stations for the delivery of gas. The expenditure for the period 2008 October to 2009 June was \$8.2 million. This amount was spent on the procurement of materials and construction of both the Upstream and Downstream pipelines and meter stations. The planned activity for the quarter ending September 30, 2009 is the completion of installation of SCADA facilities for the upstream meter station at a budgeted expenditure of \$0.06 million.
- Natural Gas Supply to Ethylchem Ltd - Nat. Gas Supply to Marabella Sec. School - Nat. Gas Supply to Couva Sec. - National Academy of the Performing Arts - Government Campus Plaza - One Woodbrook Place - Pipeline & Metering Facility Station – Beetham		2007-2009	Internally generated funds		1.8	7.0	Construction of pipelines to supply small consumers. An amount of \$1.75 million was expended over the period October 2008 to June 2009 to complete the Government Campus Plaza, One Woodbrook Place and Pipeline & Metering Facility Station – Beetham. An amount of \$7.03 is allocated for the quarter ending September 30, 2009 to continue the Natural Gas Supply to Ethylchem Ltd , The Natural Gas Supply to Marabella Secondary School, Natural Gas Supply to Couva Secondary and the National Academy of the Performing Arts.

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 T \$Mn	Status 2009
Modification Works							
Phoenix Park Valve Station Upgrade	386.8	2006 - 2009	Internally generated funds	21.6	57.1	0.0	The project involves the design and installation of an above-ground slug catching system of suitable size, a flare system to burn all gas currently vented during pigging operations as well as improving the condensate holding facilities. The upgrade will improve the safety, reliability and operational flexibility of the station. The estimated cost of the project is \$450.5 million. The project commenced in 2006 and was scheduled to be completed in 2009. However, due to some delays incurred in obtaining the final design for the plant, the completion date was revised to 2011. Actual expenditure incurred for the period 2008 October – 2009 June was \$57.1 million.
Investment in Air Conditioning Plant							
- eTeck's Wallerfield Eco Park - \$60.0 Mn - Five (5) small projects - \$10.0Mn - Ten (10) schools - \$40.0Mn	109.0	2008-2009	e-Teck -\$60.0Mn GORTT - \$40.0Mn	0.0	0.0	0.0	The estimated cost of this project was \$60.0 million. Funding for this project will be provided by eTeck. No agreement was arrived at with eTeck.
Union Industrial Estate, Vessigny, La Brea - Site Development works - Construction of Petrol Chemical Pier	350.0	2005-2009	80% from external financing and 20% equity. NGC will enter into a 'back to back' loan with Union Industrial Estate.	0.0	0.0	0.0	
Financial Capital							
Jamaica LNG Gas Terminal	151.2	2007 - 2008	Petrojam 60%; NGC 40%.	0.0	0.0	0.0	This project involves the supply of natural gas to Jamaica. The expenditure for the project would be apportioned between Petrojam of Jamaica and NGC on a 60% to 40% ratio. No major expenditure to be incurred during 2009-2010.
Pipeline to Eastern Caribbean	6.0	2007 - 2008	NGC is the equity holder of 10% and will use its own funds to finance its portion.	0.0	0.0	0.0	Project development works are ongoing and funds allocated for the fiscal year 2010.
Total - NGC	3,761.9			123.5	864.8	430.0	

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 TT\$Mn	Status 2009
National Energy Corporation Of Trinidad And Tobago (NEC)							
Acquisition of a 55-Ton Bollard Pull Stan Tug	50.0	2007-2008	30% NEC; 70% Commercial Bank	0.0	0.1	0.0	The project was incorporated in the Tug and Launch project which involves the acquisition of two (2) tugboats for additional towage services and a launch to transport customs officials, agents, pilots and other passengers to and from vessels. An amount of \$15.2 million was allocated for fiscal 2009 to make a down payment towards the purchase of the tug. This purchase was expected to be completed by December 2010. However, the down-payment was deferred. The acquisition was revised to \$104.2 million and extended to 2011.
Administrative Complex	20.7	2008-2009	Internally generated funds	1.4	0	0	NEC had allocated an amount of \$20.7 million in fiscal 2009 for the design and construction of a multi storey office complex. This complex will provide housing for NEC and leasing of office space to prospective tenants. This project has since been postponed.
Savonetta Pier 3	91.7	2008 - 2010	Internally generated funds	91.7	0.0	0.0	COMPLETED
Other Projects including the Acquisition of Machinery and Equipment, Computer Hardware & Software, Furniture & Fixtures, Motor vehicles and upgrade of the tug mooring facilities	10.3	2008-2009	Internally generated funds	5.8	0.0	0.0	NEC had allocated an amount of \$10.3 million to purchase machinery and equipment, computer hardware & software, furniture and fixtures, motor vehicles and upgrade its tug mooring facilities. These acquisition of machinery and equipment, computer hardware and software were deferred. The vehicles were purchased by NGC the parent company. The tug mooring project was deferred.
Brighton Port - Alutrint Material Storage & Handling Facilities		2008 - 2010	Debt to Equity ratio of 80% to 20%.	0.0	0.0	0.0	This project involves the construction of the material storage yard and handling facilities for the smelter plant. For fiscal 2008 - 2009, an amount of \$349.7 million was provided towards this project. However, construction was delayed due to additional time taken to complete geo-technical studies.
Total NEC	172.7			98.9	0.1	0.0	

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 TT\$Mn	Status 2009
La Brea Industrial Development Company Limited (LABIDCO)							
Port Development - Upgrade of Berth No.1	49.0	2008-2009	Internally generated funds	19.6	4.4	24.0	This project involved remedial work on Berth 1, construction of a port warehouse, development of Zone 2 to include paving, lighting and water and the installation of fire fighting infrastructure. This project was estimated at \$37.5 million but million but was revised to \$49.0 million. This project will be funded from internal funds. Work commenced in March 2008. An amount of \$29.4 million was been allocated for fiscal year 2008 - 2009 to undertake construction of Berth 1. However, the scope of the project was changed. A separate project Berth 1 Demolition and Reconstruction was identified.
Surveying / Cadastral	0.5	2008-2009	Internally generated funds	0.0	0.0	0.0	Commissioning of Surveys to reflect changes in the layout of the estate.
Secondary Access Roads	5.5	2008-2009	Internally generated funds	0.7	0.0	0.0	Project deferred. This project is now incorporated in Access Roads Development of Site
Port Office Building and Warehouse	22.0	2008-2009	Internally generated funds	4.4	0.0	0.0	Construction of a new administrative complex and warehouse to house staff of LABIDCO, Customs, Plant Quarantine, Immigration, Designated Authorities and Port Operations. The project will also include a paved area for cargo storage. The scope of the project was changed to the construction of only an administration building. The project was deferred.
Bio-remediation Development	1.2	2008-2009	Internally generated funds	1.3	0.0	0.0	This involves the provision of upgrade of lighting, construction of a retaining wall and remedial works on the land farm access road. This project was postponed.
Upgrading of Drains	3.2	2008-2009	Internally generated funds	0.0	0.0	0.0	Work included completion of the drainage network on the estate as well as modifying existing drains because of the changing occupancy patterns and alterations to the original layout of the estate as well as installation of lighting along the corridors of the estate to improve security. This project is deferred. This project was revised annually and is executed as and when tenants take up occupancy.
Grading lots/land preparation	3.0	2008-2009	Internally generated funds	0.0	0.0	0.0	There are lots on the southern portion of the estate with steep slopes that need to be graded. This project was postponed.

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 TT\$Mn	Status 2009
Installation of lighting	3.1	2008-2009	Internally generated funds	0.0	0.0	0.0	Installation of lighting along corridor of estate for safety and security of all. This project was deferred.
Water Distribution Network	0.5	2008-2009	Internally generated funds	0.0	0.0	0.0	Installation of water lines to service lots at the centre of the estate and the installation of fire hydrants to supply water to the lots and comply with safety standards. This project was deferred.
Well Re-abandonment	4.5	2007 - 2009	Internally generated funds	1.5	0.0	0.0	The scope of works of this project involves work to address oil seepages on the estate to include capping of abandoned wells to reduce contamination and prevent environmental issues. Costs of this project have been deferred. Work is to be executed as tenants take up occupancy.
Furniture & Fixtures	0.7	2008-2009	Internally generated funds	0.1	0.0	0.1	Allocation to acquire five (5) computers, a pool vehicle and fixtures & furniture. However, acquisition of the items was deferred.
Other Projects	2.6	2008-2009	Internally generated funds	2.1	0.9	2.2	Purchase of Office Equipment & other projects. Costs were deferred for 2009.
Guard Booth / Gates / Fence/ Berth 1	0.0	2006-2008	Internally generated funds	0.0	19.6	0.0	Construction of two (2) guard booths at the main access point complete with gates and fence to ensure security of assets. The estimated cost of this project was \$0.9 million. The project was cancelled. A refurbished 40ft container was utilised as an alternative arrangement.
Site Development (West Gate/ Environment)	0.0	2007 - 2008	Internally generated funds	0.0	0.0	0.0	Development works at West Gate inclusive of road networking and drainage, as well as environmental costs. This project was subsumed in Brighton Port which is being undertaken by NEC
Utilities upgrade (water and electricity)	0.0	2007 - 2008	Internally generated funds	0.0	0.0	0.0	Replacement and modification of the existing water line system as well as the relocation of the 33kV system and remedial works on the electrical infrastructure. This project was completed.
Well Re-abandonment	0.0	2007 - 2008	Internally generated funds	0.0	1.5	1.5	Works to address oil seepages on the estates. Costs of this project have been deferred.
Total - LABIDCO	95.8			29.7	26.4	27.8	

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 TT\$Mn	Status 2009
Petroleum Company of Trinidad And Tobago (PETROTRIN)							
Refining & Marketing							
Business Improvement Plan - Phase II	264.0	2003 - 2009	Internally generated funds	21.5	31.0	0.0	The total cost of this project was revised to \$264.0Mn. The project closed off on November 03, 2008. All major payments were completed. Shell Global Solutions Incorporated were engaged for a period of five (5) years to assist the company through the transferring of knowledge. For fiscal 2008-2009 \$31 million was paid. Final performance fee payment was made in February 2009.
Gas to Liquids (GTL) - JV - 51% World GTL Trinidad & 49% Petrotrin	850.0	2004 - 2010	Combination of Commercial Bank 45% & 55% Internally generated funds	335.8	87.0	115.0	Petrotrin has partnered with World GTL to construct a diesel plant at Pointe-a-Pierre to produce high quality diesel for use in blending product for local market. This plant will have the capacity to process 22 million standard cubic feet per day (mmscf) of natural gas and 1800 barrels per day (bpd) diesel for use in blending products for the local market. The original estimated cost of the project was \$850.0 million but was revised to \$1,324.3 million due to changes in the scope of the project arising from incomplete engineering at the start, omissions, technical issues including wax transfer from reactor, additional testing to resolve catalyst issues and project delays due to asbestos issues during relocation of equipment. The project commenced in 2004 and was scheduled for completion in 2008. However, the schedule was revised to 2010. This project was approximately 82% completed. Expenditure for the period October 2008 to June 2009 was \$87.0 million making total expenditure to date of \$986.0. A sum of \$115.0 million was allocated for the quarter ending September 30, 2009.

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 T \$Mn	Status 2009
Ultra Low Sulphur Diesel Plant (USLD) - New Hydrodesulphurisation/ Hydrodearomatisation Unit (HDS/HAD)	1,081.40	2007-2010	Commercial Bank 70%	26.9	3.7	29.7	This is the construction of a diesel hydrodesulphurisation/hydrodearomatisation plant. This plant will produce ultra-low sulfur, low aromatic diesel to meet the stringent specifications now demanded in the diesel markets. This plant will also enable the refinery to process a broader range of crude oils. This plant when completed will produce thirty five thousand (35,000) barrels per calendar day (bpcd) ultra low-sulfur, low-aromatic diesel with improved cetane index. The estimated cost of the plant which was originally \$708.8 million was revised to \$1,081.4 and further to \$2,469.6 million due to the overheating in the construction industry. In addition project commencement was delayed from 2004 to 2007 subsequently delaying completion to 2010. Expenditure from October 2008 to June 2009 was lower than budgeted due to a change in the procurement strategy for long lead items. These long lead items will now be procured in fiscal 2009/2010. EPC works are expected to start November 2009.
Sub-Total	2,195.40			384.20	121.70	144.70	
Gasoline Optimisation Program consisting of the following:							
Project Administration	427.9	2004-2009	Commercial Bank	90.6	20.5	37.0	Project Management of Engineering Procurement Construction/ Engineering Procurement Construction and Management (EPC/EPCM) was estimated at \$192.5 million and was revised to \$427.9 million. Bechtel International Inc. is providing Project Management Consultancy services for the project. This project was scheduled for implementation over the period 2004 to 2009, however was revised to 2010.
Upgrade Fluid Catalytic Cracking Unit (FCCU)	2,191.50	2004-2009	Commercial Bank	251.8	183.9	280.0	This upgrade will increase capacity from 26,000 barrels per standard day (bpsd) to 35,000 bpsd converting a higher percentage of vacuum gas oil to gasoline and enabling Petrotrin to produce a better quality gasoline with improved octane ratings from 81 MON to 83 MON. The estimated cost of this project revised to \$2,195.5 million. This project commenced in 2004 and was scheduled for completion in 2007 however, was extended to 2010 due to change to the original schedule arising from significant increase in scope of works of the FCCU which is required to comply with new engineering codes. The project is approximately 63.4% complete against a revised schedule of 69%. Detailed Engineering work continued. Foundation works have been completed on the new Merox Plant and installation of modules and other equipment are in progress. Piling commenced for the Third Stage Separator and Main Air Blower and foundation works commenced for the remote power building and the Amine and Caustic tanks.

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 T\$Mn	Status 2009
New Isomerisation Complex	616.7	2004-2009	Commercial Bank	113.7	15.9	6.0	This new Unit will provide the octane for light gasoline. The estimated cost of this was further revised to \$616.7 million. This project commenced in 2004 and was scheduled to be completed in 2008. The project implementation schedule was revised to 2009 due an increase in the scope outside battery limits (OSBL) and associated works.
New Continuous Catalyst Regeneration (CCR) Platforming Unit	1,592.4	2004-2009	Commercial Bank	555.2	0	138.6	This Unit involves the establishment of a 27,800 barrels per standard day (bspd) Platformer unit which provides for a higher yield of higher octane gasoline. This improves octane rating from 86 MON to 90 MON. Additional benefits include reduced operating and maintenance costs, improved product yield and quality, better environmental compliance and increased hydrogen production. The estimated cost of the project is \$665.9 million but was revised to \$1,592.4 million. This project commenced in 2004 and was scheduled for completion in 2009. This project is 95.1% complete compared to the revised plan of 100%. Erection of all equipment was completed and testing of systems as well as operator training is in progress. Total expenditure to date on this project was \$1,199.2 million.
New Alkylation Unit/Acid Plant	1,631.8	2004-2009	Commercial Bank	579.6	108	371	A new 10,000 bpsd Alkylation Unit will replace the existing 1,800 bpd Alkylation Unit increasing gasoline production to accommodate the increase feedstock generated by the upgraded FCCU and the existing 60 tonnes per day (tpd) Acid Plant is to be replaced by a 215 tpd unit to support the operating of the new Alkylation Unit. The estimated cost of the project was \$586.5 million but was revised to \$1,820.0 million. This project commenced in 2004 and was scheduled for completion in 2009. The project is 88.8% compared to the revised schedule of 98%. Engineering works have been completed as well as foundations for all equipment and structures in the Alky Unit. Additionally several major pieces of equipment were installed.
Offsites and Utilities (O&U)	1,725.1	2004-2009	Commercial Bank	453.7	211.8	384.3	The scope of works was significantly higher than originally conceptualised. New items of work included: API Separator; Cooling Tower; Water Storage Tanks, Gasoline Storage Tanks, Gasoline Loading Line – on land and submarine, Bulk Electrical Sub-station and Transmission Lines. The original estimated cost of this project was \$189.0 million and revised to \$1,725.1 million. This project commenced in 2004 and is scheduled for completion in 2009. The overall project was 62.0% completed compared to the revised schedule of 100%. For the period October 2008 to June 30, 2009 the amount of \$211.8 million was expended on the project making total expenditure to date of \$757.5 million. An amount of \$384 million is allocated for the quarter ending September 30, 2009.
Sub-Total	8,185.4			2,044.6	540.1	1,216.9	

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 TT\$Mn	Status 2009
Exploration & Production							
Seismic Acquisition - Land	0.0	2009-2010	Internally generated funds	0.0	0.1	55.5	This acquisition is part of the company's initiative to increase production and discover new reserves. For fiscal 2009, an amount of \$110.0 million was provided for the acquisition. Expenditure for the period October 2008 to June 30, 2009 was \$0.1 million making total expenditure to date of \$0.2 million. An amount of \$55.5 million is allocated for the quarter ending September 30, 2009. CEC was obtained for Phase 1 Land 3D Seismic Survey. Evaluation of bids for seismic acquisition and permitting Contractors are in progress.
Primary Development Drilling - Trinmar	470.9	2007-2008	Internally generated funds	210.3	14.6	0.0	For fiscal 2008-2009, an amount of \$260.0 million was provided to drill and complete six (6) infill/replacement wells in existing EOR projects on land. However, no new drilling was scheduled for this programme. The licence obligations at Moruga East and Balata East drilling were deferred due to delays in obtaining CEC approval. The company expended an amount of \$14.6 million to settle outstanding invoices. Those wells have been completed as the facilities have been installed.
Development Drilling - Land	206.2	2008-2009	Internally generated funds	49.1	2.6	0.0	For the period October 2008 to June 30, 2009, the company expended \$2.6 million. Six (6) wells were completed and put in production which have been higher than anticipated. However, no further drilling is proposed for this fiscal year.
Teak Samaan Poui/Onyx (TSPO)	0.0	2008-2009	Internally generated funds	111.6	28.3	0.0	The company allocated \$234.2 million in 2007-2008 for this joint venture (JV) for a work programme including G&G studies, re completions and sidetracks, appraisal drilling in Teak B North, Onyx feasibility studies, facilities upgrade and Teak Blowdown project. In FY 2009, \$35.9 million was allocated to this JV of which \$28.3 was expended as at end June 2009. The Teak Blowdown project was completed in fiscal 2008/09 with first gas production from January 2009.
Central Block	0.0	2008-2010	Internally generated funds	154.2	0.0	0.0	The cost of this project was revised to \$220.0 Mn due to inadequate original scope of work and plant design leading to delay in procuring long-lead items coupled with Project Management deficiencies. BGTT is the operator of the project.

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 TT\$Mn	Status 2009
North Coast Marine Acreage (NCMA) JV	964.4	2008-2011	Internally generated funds	522.9	164.0	58.8	This project involves the implementation of the Phase 3c Development drilling platform and sub-sea and pipeline works. Phase 3c drilling and phase 4 Compression pre-FEED. Phase 3c Development – Poinsettia platform is operational. The first gas from well phase 2 was lifted in January 2009. Drilling was scheduled in August 2009. Refurbishment works with respect to the drilling on the rig at Chagaramas base commenced in May 2009. Phase 3d involves the drilling of two (2) deeper platform wells. Well Engineering is in progress. Compression pre-FEED for phase 4 is in progress.
Installation of a sub-sea pipelines using coiled pipe technology	50.0	2008-2009	Internally generated funds	0.0	5.3	12.0	This project involves the installation of a 2" - 5" sub-sea pipelines in Trinmar's fields using coil tubing technology. The overall project is 60% completed. Two (2) four 4" pipelines were completed and the completion of pipeline installation is targeted for February 2010. The original estimated cost was \$186.0 million. Revised project cost is now \$64.8 million based on a revised scope. Expenditure recorded for the period October 2008 to June 30, 2009 was \$5.3 due to delays in finalising the contract.
SWS Fixed Process Platform	240.0	2008-2009	Internally generated funds	0.0	0.0	0.0	An amount of \$42.0 million was provided in fiscal 2009 for engineering, procurement and installation of production facility in SWS. This project was deferred. The estimated cost of this project was \$240.0 million but was revised to \$324.8 million.
SECC JV	34.0	2008-2009	Internally generated funds	0.0	2.1	3.0	An amount of \$14.0 million was provided for fiscal 2009 for G&G support upgrade of facilities, drill one (1) and pre-FEED for the Kiskidee Gas Compressor. Expenditure for the period October 2008 to June 30, 2009 was \$0.3 million making total expenditure to date of \$2.1 million. An amount of \$3.0 million is allocated for the quarter ending September 30, 2009. Compression project is on stream for gas in early 2010. Operations are ongoing.
South West Peninsula (SWP)	21.0	2008-2009	Internally generated funds	0.0	0.0	0.5	Funds were allocated in fiscal 2008 - 2009 to carry out G&G studies and to drill one (1) exploratory well in the SWP. This project is on hold pending further information.

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 TT\$Mn	Status 2009
							Sub-Total
Sub-Total	1,986.5			1,048.1	217.0	129.8	
Corporate Projects							
Administration Building	365.0	2005-2009	Internally generated funds	104.5	8.5	6.0	The original estimated cost of the project was \$190.0 million but was revised to \$365.0 million. This project commenced in 2005 and is scheduled for completion in 2009 however, was extended to 2010 due to the increase in scope of works. Construction is still in progress. Work is 95% completed. Tenders were re-issued for façade, flooring, electrical, airconditioning, plumbing and services building works.
Improved Access to Petrottrin from the Solomon Hochoy Highway	150.0	2006-2009	Internally generated funds	0.3	0.0	0.0	The estimated cost of the project was revised to \$150.0 million from the original estimate of \$90.0 million. This project was scheduled for implementation over the period 2006 to 2009. The scope of this project was changed as a result of improvements to existing Pointe-a-Pierre Interchange to the construction of a new Interchange in the vicinity of Pointe-a-Pierre. This project is to be funded by the Ministry of Works and Transport. PETROTRIN will assist by providing Basic Engineering Design Package.
Trinmar Base Relocation	1,617.4	2004-2010	Internally generated funds	0.0	0.0	0.0	This project was deferred.
New Refinery Lab	100.0	2006-2008	Internally generated funds	9.8	15.1	70.6	The design and layout of the laboratory will facilitate improved operational efficiencies and will meet HSE Standards. The laboratory will be outfitted with the latest state of the art equipment. The estimated cost of the laboratory is \$55.0 million but was revised to \$100.0 and further to \$160.0 million. This project commenced in 2006 and was scheduled for completion in 2008 but was extended to 2009. Construction work is ongoing. The Ancillary buildings were 90% completed and services building 30% completed. Main Lab columns and roof have been completed and the external block works were 60% completed. Installation of services commenced.

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 TT\$Mn	Status 2009
Road Tank Wagon Loading Bay	239.0	2006-2009	Internally generated funds	0.3	0.0	0.0	Construction of a new state-of-the-art Road Tank Wagon (RTW) Terminal at the east entrance of Pointe-à-Pierre compound. The estimated cost of this project is \$200.0 million but was revised to \$239.0 million. This project commenced in 2006 and is scheduled for completion in 2009 but was extended to 2010. The increase in the cost and time of the project was due to the improvement in project scope definition coupled with increase in cost of labour, equipment and services arising out of the overheated local and international construction. The Road Tank Wagon (RTW) Terminal was deferred. However, the facilities for the transfer of fuels to the new Caroni Terminal are under construction. Detailed Engineering for the facilities at the west refinery area is in progress.
New Tug/ Launch Landing Stage	67.8	2007-2008	Internally generated funds	5.5	0.0	7.0	This project consists of a new Launch/Tug Landing Stage (Jety) and a locker and a New Marine Flagship Building for officers, change rooms, lockers and associated facilities. This project was scheduled to be implemented over the period 2006 to 2009 but was extended to 2010. Construction of the new building was deferred. New jety is to be constructed. The Environmental Management Authority (EMA) had requested an extension for the consideration of CEC application to August 2009. Total expenditure to date on this project was \$3.0 million. An amount of \$7.0 million is allocated for the quarter ending September 30, 2009.
New Casuarina Electrical Substation	28.0	2007-2008	Internally generated funds	19.0	5.0	4.0	This upgrade comprises installation of two (2) additional 40/50 MVA and switchgear at Concord #2 substation, upgrade of the overhead 66 kV lines to 175 MVA, extension of the incoming 66 kV lines and construction of a new 166/12kV substation. The estimated expenditure was \$20.0 million now revised to \$28.0 million. This project commenced in 2007 and was to be completed in 2008 but has extended to 2010. A substantial percentage of overall cost is equipment costs and was impacted by increase in cost of labour, equipment and services arising out of the overheated local and international construction. Total expenditure to date on this project was \$24.0 million. An amount of \$4.0 million is allocated for the quarter ending September 30, 2009 for closing of the contract. All works have been completed by June 30, 2009.

Projects & Programmes Recommended For Priority Funding		Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 TT\$Mn	Status 2009
Bulk Intake 132 kV Sub-Station	230.0	2009-2010	Internally generated funds	10.1	0.0	97.0	The overall projects now includes new bulk intake 132/66 kV sub-station, a new 66/12 kV sub-station and station and upgrade of transmission lines throughout the refinery. The estimated cost of this project is \$230.0 million and is being financed from internal funds. This project is scheduled to be implemented over the period 2009 to 2010. Total expenditure to date on this project was \$1.5 million. An amount of \$97.0 million is allocated for the quarter ending September 30, 2009. Contracts have been awarded for both package and detailed engineering are in progress.	
Sub-Total	2,797.2			149.5	28.6	184.6		
Total - Petrotrin	15,164.5			3,626.4	907.4	1,676.0		
Trinidad And Tobago National Petroleum Marketing Company Limited (NP)								
Dealer Site Upgrades	6.4	2007-2009	Commercial Bank	1.1	3.0	0.0	This project commenced in 2007/2008. The upgrade includes the provision of underground storage tanks, leak detection systems and fuel dispensing equipment for (3) service stations. The estimated cost of the project was revised from \$5.3 million to \$7.6 million. As at March 31, 2009 an amount of \$3.0 million was expended.	
Excise & Shipping Warehouse	10.0	2007-2009	Internally generated funds	0.0	0.0	0.0	This project involves the construction of an excise and shipping warehouse to cater for increased covered storage and improve the efficiency of container loading. This project is being re-evaluated as a result of a change in the scope of the project.	
Lube Oil Plant Modifications	1.5	2007-2009	Loan Financing	0.0	0.0	0.0	This involved tank modification to the Lube Oil Plant, including tank dedication and dedicated hydraulic system to improve the efficiency and reduce lead time. This project is being re-evaluated as a result of a change in the scope of the project.	
Tank Gauges	3.0	2007-2009	Loan Financing	0.0	0.0	0.0	Implementation of this project will provide accurate inventory control and reduce risks of tank overflows. The estimated cost of this project is \$3.0 million. Funding will be provided from internally generated funds. A supplier was contracted to execute a pilot project. Additional gauges will be procured and installed when testing was completed. Funding for this project is provided from loan financing.	

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 TT\$Mn	Status 2009
Acquisition of 40,000 valves	2.1	2007-2008	Internally generated funds	0.4	0.4	0.0	This project involves the placement of valves on new 20 lb cylinders and on refurbished cylinders. The project commenced in 2007 and is scheduled for completion in 2009. Funding is provided. Funding is provided by NP. An amount of \$0.4 million was expended in 2008 to acquire valves. The process is ongoing.
Generator automatic transfer switch	1.2	2007-2008	Internally generated funds	0.0	0.0	0.0	The scope of this project was increased to accommodate all of Sea Lorts compound. The estimated cost of this project is now \$2.0 million.
New 72,030 20lb and 12,830 100lb cylinders and 72,030 valves.	18.9	2008-2009	Internally generated funds	0.0	0.0	0.0	Acquisition of valves to meet market specifications. The estimated cost of the project is \$18.9 million and is to be funded from internal funds.
Winch System for Jerry Hoses	1.0	2008-2009	Internally generated funds	0.0	0.0	1.0	Establishment of modern systems for hose handling to discharge ships to rely on equipment which will replace manual labour. The project is estimated at \$1.0 million. The project was scheduled to commence in 2008. The targeted date for completion is now end of 2009.
Revamp Fire Control System	1.5	2008-2009	Internally generated funds	0.0	0.0	2.0	This project involves an overhaul of the fire control system to increase coverage of Sprinkler System and to increase overall fire water storage capacity. The project is estimated at \$3.0 million to be funded by NP from internally generated funds. The project was deferred to fiscal 2009. An amount of \$2.0 million is allocated for fiscal 2009.
Refueller for Tobago	2.0	2008-2009	Internally generated funds	0.0	0.0	2.0	Project to replace ISO tanks a storage for additive procured in bulk. The estimated cost was \$2.0 million and was funded by NP from internally generated funds. An amount of \$2.0 million was allocated for fiscal 2009. The project commenced in 2008 and will be completed in 2009.
Three (3) 10,000 IG additive storage tanks	1.0	2008-2009	Internally generated funds	0.0	0.0	1.0	These storage tanks will replace the current leased 150 tanks as storage for additive procured in bulk. The estimated cost of the project is \$1.0 million to be funded by NP from internally generated funds.
Aviation Refueller	1.3	2008-2009	Internally generated funds	0.0	0.0	1.3	This is necessary as a result of the relocation of the current facility due to airport realignment works at Piarco. The facility will provide both Administration and Operational support services.
Construction of Piarco Administration Office and Maintenance Building	3.0	2008-2009	Internally generated funds	0.0	0.0	1.0	The project is scheduled to commence in 2009 and is targeted for completion in 2011. A preliminary \$1.0 million was budgeted in the fiscal year 2009. Funding will be provided from internal resources.

							Status 2009	
Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 TT\$Mn		
LPG Crushing Plant	1.0	2007-2009	Internally generated funds	0.0	0.0	0.0	This project was transferred to Public Sector Investment Programme.	
Two (2) 10,000 bbl tanks at LABIDCO	4.0	2007-2009	Internally generated funds	0.0	0.0	0.0	This project will assist in improving efficiency in the services provided to E&P companies. The project is estimated at \$4.0 million to be funded from internal funds. Negotiations on the project commenced in 2008 and construction is targeted for completion in 2010.	
Completed Projects & other capital projects	20.4	2007-2009	Internally generated funds	16.6	0.0	0.0	Acquisition of 86,288 (20lb) and 20,120 (100lb) cylinders. Cylinder Refurbishment Building. Two (2) Hydrant Dispensers at Piarco.	
Total - NPMC	78.3			18.1	3.4	8.3		
National Quarries Company Limited (NQCL)								
Purchase of one used Wash Processing Plant	9.0	2008-2009	Commercial Bank	0.0	0.0	0.0	To replace the decommissioned plant. Project COMPLETED.	
Purchase of one Water Management System	8.5	2008-2009	Commercial Bank	0.0	0.0	0.0	This system is required for recycling water used for the washing of aggregates. This project was revised and deferred. The project is schedule to be implemented in 2009 -2010 as the acquisition and installation of one (1) water treatment plant.	
Mining and Surveying Equipment	1.2	2008-2009	Commercial Bank	0.0	0.0	0.0	Purchase of Mining and Surveying equipment for undertaking scientific survey assessments.	
Infrastructure Upgrade	0.0	2007-2008	Commercial Bank	0.0	0.0	0.0	Infrastructure for new mobile wash processing plant. Construction of a garage. Project COMPLETED.	
Purchase of a Mobile Wash Processing Plant	12.5	2007-2009	Commercial Bank	2.0	0.0	0.0	Redesign of Wash Plan in progress.	
Purchase of equipment	4.0	2007-2009	Commercial Bank	0.0	0.0	0.0	Project is awaiting final approval.	
Redesign of Wash Plant No. 3	2.0	2007-2009	Commercial Bank	2.0	4.3	0.0	Redesign of Wash Plant No. 3 in order to enhance its operational and production capacity. The redesign were greater in scope than planned and was undertaken eleven months after quotations were received and thus subject to price increases. The budgeted cost was \$2.3million however, actual cost was \$4.3million. COMPLETED	
Complete the settling pond system for all plants	1.0	2007-2008	Commercial Bank	0.0	0.0	0.0	Complete the settling pond system for all plants in accordance with EMA.	
Upgrade of Plant No. 2 and equipment	0.0	2007-2008	Commercial Bank	0.0	6.7	0.0	The assembly and installation of this plant was completed in the fiscal year at an actual cost of \$6.7million which was \$252k below the budgeted cost of \$7million.	
Total - NQCL	38.2			4.0	11.0	0.0		
Total - Business & Trade Energy Sector	19,311.4			3,900.6	1,813.1	2,142.1		

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 TT\$Mn	Status 2009
Business and Trade Expansion - Non-Energy Sector							
Point Lisas Port Development Corporation Limited (PLIPDECO)							
Construct and equip berth 6 at Port Point Lisas with associated yard infrastructure	473.8	2006-2008	Commercial Bank	0.0	0.0	0.5	Feasibility is being reviewed.
Construction of second channel at the Point Lisas Harbour	52.0	2006-2008	Commercial Bank	0.0	0.0	0.5	Project is being reviewed.
Reconstruction /repair of roads on the Point Lisas Industrial Estate.	18.5	2006-2008	Internally generated funds	9.0	9.0	0.0	Project COMPLETED.
Completion of Berth 5	82.0	2006-2008	Internally generated funds	59.3	59.3	12.6	KCI RTG Cranes (\$31.4Mn); Liebherr Ship to Shore Gantry Crane (\$25.3Mn);Kalmar Terminal Tractor (\$2.6Mn); Empty Container Handler (\$1.1Mn); (1) Kalmar Reach Stacker (\$2.1Mn); Empty Container Yard (\$4.2Mn);and Upgrade of Electrical System (\$5.1Mn).
Other Projects 2008/2009	19.5	2008-2009	Internally generated funds	12.5	0.0	12.5	
Total - PLIPDECO	645.8			80.8	68.3	26.1	
Total Business & Trade Expansion - Non Energy Sector	645.8			80.8	68.3	26.1	
Total - Business & Trade Expansion	19,957.2			3,981.4	1,881.4	2,168.2	

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$m	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$m	Expenditure October 2008 to June 2009 TT\$m	Projected Expenditure to September 2009 TT\$m	Status 2009
Electricity							
Trinidad And Tobago Electricity Commission (T &TEC)							
Construction of Substations							
- San Raphael 132kV	14.5	2006-2010	Internally generated funds	9.5	1.3	0.0	Construction of two (2) 132 kV Bays and one (1) 66kV Bay. An amount of \$11.0 million was expended on this project to date.
- Macoya 66kV	13.6	2007-2008	Internally generated funds	8.7	8.7	8.7	Construction of a 166kV substation. Total Expenditure to date is \$8.7Mn. Civil works 75% complete.
- Invaders Bay 33kV	11.4	2007-2009	Internally generated funds	0.0	0.0	0.0	Construction of a 33kV substation. This project was temporarily deferred.
- Mt Hope 132kV	63.9	2006-2007	Internally generated funds	34.7	34.7	34.7	Construction of a 132kV substation. Substation is 95% complete.
- Port-of-Spain (Edward Street) 33kV	42.3	2007 -2009	Internally generated funds	32.3	32.3	32.3	Construction of a 33kV substation. This project is 90% complete.
- Pt. Cumana 33kV	1.8	2007 -2009	Internally generated funds	0.0	0.0	0.0	Construction of a 33kV substation. This project is temporarily deferred.
- Tarouba 33kV	27	2007 -2009	Internally generated funds	25.0	25.0	25.0	Incorporated in Reform substation that is 80% complete.
Sub- total	174.5			110.2	102.0	100.7	
Rehabilitation of Substations							
- Five Rivers 33kV	9.8	2008-2009	Internally generated funds	0.0	0.0	0.0	This project is temporarily deferred.
- O'Meara 33kV	9.8	2008-2009	Internally generated funds	0.0	0.0	0.0	This project is temporarily deferred.
- Trincity 66kV	0.9	2006-2007	Internally generated funds	1.0	0.0	0.0	Rehabilitation of Trincity 66kV Substation.
Upgrade of Substation							
- Bamboo 132 kV Substation	17.2	2006-2007	Internally generated funds	0.0	0.0	0.0	Upgrade at Bamboo substation.

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 TT\$Mn	Status 2009
- Bamboo 132 kV Substation	17.2	2006-2008	Internally generated funds	20.0	20.0	20.0	COMPLETED.
Establishment of Substations							
- Otaheiti Substation	17.5	2007-2010	Internally generated funds	5.5	1.7	0.0	Construction of a 33kV substation.
- Essar 220kV Substation	20.0	2006-2007	Internally generated funds	0.0	0.0	0.0	This project is still in its preliminary approval phase.
- Carisal 132kV Substation	16.4	2006-2007	Internally generated funds	8.4	8.4	8.4	This project is still in its preliminary approval phase.
- Brechin Castle 132kV/220kV Substation expansion	80.0	2006-2007	Internally generated funds	0.0	26.8	0.0	An amount of \$26.8 million was expended on this substation in 2009.
Construction of Transmission Lines							
- Mesopotamia to Roxborough 66kV Line	12.0	2007-2010	Internally generated funds	0.0	0.0	0.0	Contract was awarded.
- Fyzabad Otaheiti 66kV Line	10.0	2008-2009	Internally generated funds	0.0	0.0	0.0	Contract was awarded.
- Penal - Harmony Hall 66kV Tower Line	11.0	2008-2009	Internally generated funds	0.0	0.0	0.0	Awaiting final planning studies.
- Essar/Brechin Castle/Reform 220kV Tower Line	43.0	2007-2010	Internally generated funds	0.0	0.0	0.0	Contract was awarded.
- Brechin Castle/Carisal 132kV Pole Line	10.0	2007-2010	Internally generated funds	0.0	0.0	0.0	Awaiting final planning studies.
Upgrade of Circuit Breakers							
- Pt. Cumana	2.0	2007 -2009	Internally generated funds	0.0	0.0	0.0	Purchase and installation of circuit breakers.
- Scarborough	3.3	2007 -2009	Internally generated funds	0.0	0.0	0.0	To be scheduled after commissioning of Cove and upgrade of Milford Bay substation.

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 TT\$Mn	Status 2009
- Centrin	1.3	2007 -2010	Internally generated funds	1.3	1.3	1.3	COMPLETED.
Installation of New 12kV Switchboards							
- M 5000	2.2	2007 -2009	Internally generated funds	1.0	0.1	0.0	Installed a 12kV Board.
- Pt. Cumana	1.2	2007 -2009	Internally generated funds	0.0	0.0	0.0	Awaiting 12kV Board.
- Brighton	1.2	2007 -2009	Internally generated funds	1.2	1.2	1.2	COMPLETED.
- Trinicity	1.0	2007 -2009	Internally generated funds	1.0	1.0	1.0	COMPLETED.
- Pt. Lisas	1.0	2007 -2009	Internally generated funds	0.0	0.0	0.0	Awaiting 12kV Board.
Transformer Upgrades							
- Penal 100MVA 132/66kV Transformers	7.9	2007-2008	Internally generated funds	0.0	0.0	0.0	Transformer procured.
- Pt. Cumana	1.4	2007 -2009	Internally generated funds	0.0	0.0	0.0	Purchase and Installation of transformers.
- Brighton	3.6	2007 -2009	Internally generated funds	3.6	3.6	3.6	Transformer installed and commissioned.
- St. Augustine	4.3	2007 -2010	Internally generated funds	0.0	0.2	0.0	Upgrade at St. Augustine substation.
- Brechin Castle	1.4	2007 -2010	Internally generated funds	1.2	1.9	1.2	Installed transformer at Brechin Castle.
- Central	1.2	2007 -2010	Internally generated funds	1.2	3.9	0.0	Replaced a 12kV Board and installed one (1) at the central substation.

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 TT\$Mn	Status 2009
Upgrades of 12kV Network							
- Down the Islands (Submarine)	5.0	2007 -2009	Internally generated funds	0.0	0.0	0.0	Cable from Trinidad to Gaspar Grande being procured.
- Brighton	1.7	2007 -2009	Internally generated funds	0.0	0.0	0.0	Work has commenced.
- L'Anse Fourmi	1.0	2007 -2009	Internally generated funds	0.0	0.0	0.0	Infrastructure constructed by THA and is to be inspected. Based on the inspection, planning of job will commence.
- Scarborough (U/G)	1.8	2007 -2009	Internally generated funds	0.0	0.0	0.0	Preliminary surveys for Phase 1 completed and capital approved
- Trincity	1.5	2007 -2009	Internally generated funds	0.0	0.0	0.0	Project deferred.
- Maracas / St Joseph	1.2	2007 -2009	Internally generated funds	0.0	2.3	2.3	Project deferred.
- Malabar	1.4	2007 -2009	Internally generated funds	0.0	0.4	0.4	Project deferred.
- Valencia (U/G)	2.0	2007 -2009	Internally generated funds	0.0	2.0	2.0	Project deferred.
- Brechin Castle	1.2	2007 -2009	Internally generated funds	0.0	0.0	0.0	Dow Village tender awarded.
Additional Projects							
Temporary offices for Transmission Maintenance Department	2.3	2007 -2009	Internally generated funds	2.3	2.3	2.3	Office established. COMPLETED.
Purchase of seven (7) 4x4 Pick Up Vehicles	1.5	2007 -2009	Internally generated funds	0.4	2.1	0.0	Purchase of vehicles including four (4) 4-WD vans were acquired.
Pole Replacement in all Distribution Areas	61.7	2007-2010	Internally generated funds	20.0	34.4	0.0	Purchase and installation of poles. Ongoing.

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 TT\$Mn	Status 2009
Land Acquisition							
- Freeport	1.2	2007 -2009	Internally generated funds	0.0	0.0	0.0	Payment to customer for land needed for electricity transmission usage.
- Chaguanas West	1.0	2007 -2009	Internally generated funds	0.0	0.0	0.0	Project deferred.
Software Acquisition GIS, GPS & AMR in all Distribution Areas	17.6	2007-2009	Internally generated funds	1.0	19.4	0.0	GIS project commenced. Tender awarded for computerised Maintenance Management System.
Voltage Correction in all Distribution Areas	23.7	2007 -2009	Internally generated funds	10.0	10.0	10.0	Project ongoing.
Overhead line upgrade	40.0	2006 -2009	Internally generated funds	12.0	58.9	12.0	Project ongoing.
Automation of the distribution system and installation of remote switches	21.0	2005 - 2009	Internally generated funds	1.0	1.8	0.0	Consultant selected.
Establishment of the Charleville 66kV Substation	12.0	2005 - 2009	Internally generated funds	3.5	0.05	0	Land acquired and construction commenced.
Upgrade network to increase reliability of supply to Nu-Iron and other 132kV customers	0.6	2005 - 2007	Internally generated funds	0.6	0.6	0.6	Line constructed and awaiting appropriate schedule for connection.
Upgrade of aging infrastructure	10.1	2006-2009	Internally generated funds	0.1	0.1	0.1	Project ongoing.
Implementation of an ISO9000 Quality Management System	1.0	2005 - 2007	Internally generated funds	0.4	0.4	0.4	Project ongoing.
Substation Load Monitoring and Load Research Programme	7.8	2005-2010 (Revised upward based on the actual purchase cost of the equipment.)	Internally generated funds	0.0	2.9	0.0	Procurement of equipment for phase II which comprise 30 substations and commencement of phase III installation.
Upgrade and expansion of the supervisory control and data acquisition system	18.0	2006 - 2010	Internally generated funds	0.0	0.0	0.0	Tendering process ongoing.

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 TT\$Mn	Status 2009
Installation of a trunk radio network	1.0	2006 -2009	Internally generated funds	0.0	0.0	0.0	Developed specifications, awarded contract and commenced equipment installation.
Purchase of Hydraulic and large Tools	2.4	2006 - 2010	Internally generated funds	0.4			Total Expenditure to date on this project is \$1.6Mn.
Distribution Upgrade	23.3	2006 - 2010	Internally generated funds	2.8	11.8	0.0	An amount of \$11.8 million was expended on several projects in 2009. Additionally \$7,081,389.40 was expended towards the underground transmission and distribution network.
Establishment of Power Station							
Establish Cove Power Station	485.0	2007 - 2010	Government Guaranteed Loan	0.3	0.0	0.0	Total Expenditure to date on this project is \$86.6Mn.
Purchase Spares for Tobago Power Station	2.7	2006 - 2009	Internally generated funds	0.1	0.0	0.0	Total Expenditure to date on this project is \$2.4Mn.
Total - Electricity	1,233.0			210.5	321.5	167.5	

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 TT\$Mn	Status 2009
Tourism							
Evolving Technologies and Enterprise Development Company of Trinidad & Tobago Limited (eTeck)							
Hilton Trinidad Hotel Renovation & Improvement	484.0	2005-2010	Mix of commercial loans and Government financing from First Caribbean International Bank \$167.0Mn.	101.3	166.5	0.0	Major overhaul and improvement of Plant & Equipment. Expenditure included Design and Consultancy Fees for the fitness centre and new parking structure, interior design for phase 3 guest rooms and design for Public spaces and Consultancy for the provision of Project Management Services. Four (4) high quality Presidential Suites, 18 high quality suites and 104 rooms were completed. The Ballroom is completed and fully operational. The meeting room is 50% completed.
Total - eTeck	484.0			101.3	166.5	0.0	
Urban Development Corporation of Trinidad and Tobago (UDeCOTT)							
POS International Waterfront Complex	2,873.0	2005 - 2009	Commercial Bank	784.8	98.9	0.0	The project includes two (2) 26-storey office towers at 885,000 sq. ft. combined, a 22-storey, 409,000 sq. ft. 428-room Hyatt Regency Hotel, retail spaces, a 7-storey car park with accommodation for 1,200 vehicles, an auditorium and performing arts theatre and a well-landscaped park designed for relaxation and enjoyment of the vast views from the waterfront. An amount of \$281.6 million is provided in fiscal 2009 for construction and fitting out activities.
Academy for the Performing Arts - North	517.6	2007 - 2010	Loan from Republic of China / IDF	172.5	303.7	0.0	The scope of the project includes a modern building 100 feet tall enhancing the state-of-the-art acoustics and offering an inspirational setting for the enjoyment and training of the performance arts. Projected expenditure towards this project for fiscal 2009 is \$111.3 million.
Academy for the Performing Arts - South	310.0	2007 - 2010	Loan from Republic of China / IDF	41.3	111.3	0.0	The scope of the project includes 110,093.3 square feet facility and will feature an acoustically designed performance theatre, two (2) practice halls, performing arts teaching facility, high-tech audio visual equipment, parking facilities, landscaped surroundings, adequate seating capacity and modern fire detection and security systems.
Invaders Bay	48.0	2004-2009	Commercial Bank	1.1	0.5	0.0	This project involves reclamation of land from the Gulf of Paria in North Western Trinidad.
Total - UDeCOTT	3,748.6			999.7	514.4	0.0	
Total - Tourism	4,232.6			1,101.0	680.9	0.0	

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 TT\$Mn	Status 2009
Transport & Communication							
National Helicopter Services Limited (NHSL)							
Purchase of (1) S76C++ Medium Twin Helicopter	72.5	2008-2010	Commercial Bank	0.0	0.0	72.5	Purchase completed. Actual cost incurred is \$72.5
Port of Spain Foreshore Helipad	4.5	2006-2009	Commercial Bank	1.0	4.4	0.0	Purchase completed. Actual cost incurred is \$4.4Mn.
Galeota Heliport	5.0	2007-2010	Commercial Bank	0.1	0.1	0.1	Details are expected to be finalised by September 2009.
New Camden Passenger Terminal	10.0	2007-2010	Commercial Bank	0.1	0.1	0.1	Awaiting Statutory and other approvals. Commencement delayed to 3rd Quarter of 2009.
Total - Helicopters	92.0			1.2	4.6	72.7	
Port Authority of Trinidad and Tobago (PATT)							
Acquisition of a Reach Stacker Crane	3.4	2007 - 2008	Internally generated funds	0.0	3.4	0.0	PATT continued its drive for an improved and efficient service by completing the purchase of a Reach Stacker Crane and a Ship to Shore Crane. The Crane is being constructed in China and will be shipped and erected at the Port of Port of Spain when completed.
Acquisition of a Ship to Shore Crane	59.0	2006 - 2008	Government Bond	0.0	0.0	0.0	The Crane is being constructed in China and will be shipped and erected at the Port of Port of Spain when completed.
807 Upgrade of the facilities of G.S.S.	4.2	2007-2008	Internally generated funds	1.9	1.2	0.0	This project was expanded to include the refurbishment of Scarborough Terminal Building and to restructure internal design to accommodate increased demand in passengers. Along with the design of a new land infrastructure for GSS booth in Port of Spain and Scarborough. The estimated cost of this project was revised to \$76.9 million. For fiscal 2009 the sum of \$1.2 million was expended, however due to the change in scope, this project is now being funded by Government.
Aids to Navigation	3.5	2006	Internally generated funds				This involves the purchase of fifteen (15) Navigational aids to assist vessels entering and exiting the Grier and Scarborough Channels. This project was completed during 2009.
Total - Port Authority	70.1			1.9	4.6	0.0	

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 TT\$Mn	Status 2009
Communication							
Telecommunications Services of Trinidad And Tobago Limited (TSTT)							
Broadband	170.0	2008-2009	Internally generated funds	31.5	162.8	0.0	EVDO Coverage; Broadband Expansion; Blink Plus; New Product Development Broadband Expansion. TSTT expended \$162.8Mn to improve its wired and wireless offering inclusive of affordability, reach and coverage.
Fixed and Carrier Services	40.5	2007-2009	Internally generated funds	1.3	18.0	0.0	Funds expended for the acquisition of a Voice Over Internet Protocol (VOIP) Platform as well as Next Generation (NGN) Digital Loop Carrier (DLC) Customers, Carrier Interconnections as well as Customs Premises Equipment (CPE) as well as prepaid platform upgrade, billing software and outfitting the workforce with tools.
Mobile Services	148.8	2007-2009	Internally generated funds	13.0	75.0	0.0	Expended on 1800 to 1900 Radio Migration and resiliency project, Coverage improvements, billing system upgrade and power and backup systems.
Enterprise Services	86.9	2007-2009	Internally generated funds	9.0	46.2	0.0	Expenditure concentrated for the provision of Government Fibre based IP Services, Government backbone phase 2 and PABX and data related rental equipment.
Access Infrastructure and New Business	172.1	2007-2009	Internally generated funds	9.4	123.0	0.0	OSP Modernisation; Electronic Security Upgrades; Cabinet Access Control; IT/Technical Security; Integrated Fraud Detect. An amount of \$123.0Mn was expended Outside Plant Rehabilitation and the GIS System.
Security		2007-2009	Internally generated funds		12.0	0.0	An amount of \$12.0Mn was expended in the LOB Electronic Security System as well as IT and Technical Security and Detection Systems.
Technology	96.3	2008-2009	Internally generated funds	15.9	95.0	0.0	Upgrades on Network Management System, Data Centre implementation, Transport Engineering and Development and Network Power System upgrades.
Other	55.0	2008-2009	Internally generated funds	1.9	19.0	0.0	Rationalisation of Regulatory and Asset; Finance; HR & Administration; Marketing; Customer Services expended \$19.0Mn.
Total TSTT	769.6			82.0	551.0	0.0	
Total - Transport & Communication	931.7			85.1	560.2	72.7	

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 TT\$Mn	Status 2009
Education & Training							
National Maintenance Training and Security Company Limited (MTS)							
SEMP Phase II	569.0	2002 - 2009	Unit Trust Corporation of Trinidad and Tobago	37.6	90.1	0.0	MTS is currently implementing repairs and upgrades in two hundred and eight (208) schools at an estimated cost of \$51.8million. These upgrades are targeted for completion in 2009. MTS continued implementation of Phase I Additional Blocks Programme which involves the construction of additional block in Matura High School. In addition, the company is continuing the implementation of its Phase II School Construction Programme which involves repairs to defects and construction of pre-engineered rooms in eight (8) completed schools at a cost of \$38.3 million.
Total- MTS	569.0			37.6	90.1	0.0	
Total- Education & Training	569.0			37.6	90.1	0.0	
Housing & Settlements							
Urban Development Corporation of Trinidad and Tobago (UDeCOTT)							
PROJECTS (Housing)							
Canaan Road La Romaine							
	19.9	2006-2009	Commercial Bank	0.0	0.0	0.0	Construction.
Valsayn Real Spring	161.0	2005-2009	Commercial Bank	31.4	5.6	0.0	Post-Construction.
Total - UDeCOTT	180.9			31.4	5.6	0.0	
Trinidad and Tobago Housing Development Corporation (HDC)							
A total of 8,752 housing units is being constructed under the Accelerated Housing Programme and the Urban Development Programme as follows:							
New Town of Princes Town	1,600.0	2008-2011	Design/ Finance	0.0	0.0	0.0	This project was renamed the Fairfield and Broomeage Housing Development and is expected to yield 2,500 units and will comprise a mix of single family, duplex, townhouse and apartment units. The project cost is estimated at \$1,230.0 million and the duration is approximately seventy-five (75) months. The project is due to commence in fiscal 2010.

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$m	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$m	Expenditure October 2008 to June 2009 TT\$m	Projected Expenditure to September 2009 TT\$m	Status 2009
East Port of Spain	1,800.0	2008-2010	Design/ Finance	0.0	0.0	0.0	This project was renamed the Eastbridge Housing Development and was revised to yield 450 apartment units. The project cost is estimated at \$221.4 million. The project is due to commence in fiscal 2010.
Cleaver Woods, Arima	143.0	2004 - 2008	PSIP / IDF	0.0	0.0	0.0	The estimated cost of this project was revised from \$143.0 million to \$149.2 million. Phase I and II have been completed, work for the Phase 3 is on going which includes 408 housing units.
Carlsen Field Phase 2	53.4	2004 - 2008	PSIP / IDF	0.0	0.0	0.0	This project consists of the construction of 250 Single Family Units and is estimated at \$53.4 million.
Carlsen Field Phase 3B	185.3	2007-2009	PSIP / IDF	0.0	0.0	0.0	The scope of this project has change to the construction of 190 Townhouse and Single Family Units. The revised cost is estimated is \$76.7 million
Edinburgh South	366.1	2005 - 2008	PSIP / IDF	0.0	0.0	0.0	This project is estimated at \$366.1 million and includes the construction of 1,410 units. Phase I comprising 311 units was completed. Infrastructure is in place and work is progressing.
Corinth, San Fernando	205.0	2005 - 2008	PSIP / IDF	0.0	0.0	0.0	This project includes the construction of approximately 748 units estimated at a revised cost of \$398.4 million. Phase 1 comprising 238 units was completed. Phase 2 was split and now comprises 231 single family units, town houses, apartments and Phase 3 comprises 279 single family and townhouse units. These projects are ongoing.
Harmony Hall, San Fernando	48.0	2004 - 2008	PSIP / IDF	0.0	0.0	0.0	This project was revised from the construction of 160 units to 152 units at a revised cost of \$102 million. Work is continuing on this project.
Retrench, San Fernando	110.7	2006 - 2008	PSIP / IDF	0.0	0.0	0.0	Construction of 240 units which was revised to 202 units comprising of townhouses and apartments and SFU estimated at \$110.7 million. Single family units completed. Work is continuing on this project.
Golconda, San Fernando	95.1	2005 - 2008	PSIP / IDF	0.0	0.0	0.0	This project was revised and involves the construction of 415 units estimated at \$195.1 million. Phase 1 included 210 units and was completed and works on Phase 2 which comprises 205 housing units including single family units, duplexes and town houses.
Wellington Road, Debe	86.1	2006 - 2008	PSIP / IDF	0.0	0.0	0.0	This project was expanded from the construction of 160 units to 280 single family units. The revised cost is \$106.4 million. Work is continuing on this project.
Edinburgh 500 Apartments	100.0	2005-2008	PSIP / IDF	0.0	0.0	0.0	The estimated cost of this project is \$100.0 million. Foundation work is completed. Steel fabrication, plumbing and electrical works in progress.

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 TT\$Mn	Status 2009
Victoria Keys, Diego Martin	135.9	2006 - 2008	PSIP / IDF	0.0	0.0	0.0	This project involves the construction of 238 apartments estimated at \$135.9 million.
Four Roads, Diego Martin	48.1	2006 - 2008	PSIP / IDF	0.0	0.0	0.0	This project was revised and now involves the construction of 96 apartments at an estimated cost of \$62.6 million.
Mt. Hope - Pioneer Drive	20.2	2006 - 2008	PSIP / IDF	0.0	0.0	0.0	This project involved the construction of 60, three (3) bedroom town houses and was revised to 36 units. The revised cost is \$5.0 million.
Farm Road, Curepe Phase 3	276.0	2006 - 2008	PSIP / IDF	0.0	0.0	0.0	This project involves the construction of 238 apartments comprising four (4) seven (7) storey buildings estimated at \$276.0 million. Phases 1 & 2 have been completed.
Fidelis Heights	94.2	2004 - 2008	PSIP / IDF	0.0	0.0	0.0	238 apartments, consisting of four (4) seven storey buildings. Work in progress. Phases I & II completed. The estimated cost of this project is \$94.2 million. An amount of \$51.8 million was expended to complete 157 town houses and apartments. These are scheduled for handing over by September 2008. This project was completed.
Vieux Fort	48.0	2006 - 2008	PSIP / IDF	0.0	0.0	0.0	This project was revised and involves the construction of 100 apartment units at a revised cost of \$100.0 million.
Total - HDC	3,815.0			0.0	0.0	0.0	
National Insurance Property Development Company Limited (NIPDEC)							
National Security Construction Programme	700.0	2006-2010	NIPDEC Bonds	30.5	4.5	0.0	Projects have been transferred to UDeCOTT excluding five (5) Police stations which were under construction and nearing completion Belmont, Lunapuna, Toco, Gasparillo and Mayaro.
Total - NIPDEC	700.0			30.5	4.5	0.0	
Total - Housing & Settlement	4,695.9			61.9	10.1	0.0	

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 T TT\$Mn	Status 2009
Administration							
Public Order & Safety							
Airports Authority of Trinidad and Tobago (AATT)							
Piarco International Airport Runway Overlay	148.0	2006	Loan under ADP Fund	0.0	0.0	0.0	This project involved the completion of hot mix asphalt paving (HMA) on the eastern end of the Piarco International Airport Runway, at an estimated cost of \$218.0 million. This phase of the project was completed.
Infrastructure Airport Hotel Site	105.0	2008	Loan	0.0	0.0	0.0	This entails the development of roads, drainage and utilities to service the commercial development of the Airport Estate and facilitate the construction of an Airport hotel and a meteorological complex estimated at \$105.0 million. Road works will be undertaken in fiscal 2010.
Airport Facilities Maintenance	30.0	2008	Loan	0.0	0.0	0.0	Design in development stage.
Feasibility Study on Piarco Airport Aviation Estate Development	3.0	2007	USTDA Grant	0.0	0.0	0.0	Grant Agreement to be executed.
Crown Point Airport Expansion and Modification-Design and construction of Ramp and Terminal facilities at Crown Point Airport				0.0	2.1	0.0	These facilities will cater for the international and domestic passengers. The project includes the purchase of pre-fab building, foundation works and the inclusion of plumbing, electrical facilities and erection of the pre-fab building. For fiscal 2009 the sum of \$2.1 million was spent and the project is due for completion by September 2009.
Total - Airports Authority	286.0			0.0	2.1	0.0	
Total - Public Order & Safety	286.0			0.0	2.1	0.0	
Public Administration							
Urban Development Corporation Of Trinidad And Tobago (UDECOTT)							
PROJECTS (Gov't Accommodation)							
Government Campus Plaza - project includes:							
• a 10-storey Customs & Excise headquarters Building;		2004-2009					
• a 22-storey Board of Inland Revenue Tower;	2,652.9	2004-2009	Commercial Bank	910.9	193.5	0.0	The entire Government Campus is at post-construction stage. For fiscal 2009, an amount of \$467.6 million was allocated to conduct construction, installation, post installation and post-completion works.
• a 9-storey Legal Affairs Tower;		2005-2009					
• a 9-storey Ministry of Social Development Building; and		2005-2009					
• a 6-storey Government Campus Plaza Parkade		2005-2009					
New office Accommodation for the Ministry of Public Administration	120.3	2004-2009	Commercial Bank	18.2	3.5	0.0	The project is in the post construction stage. For fiscal 2009, an amount of \$9.8 million is allocated to conduct fitting out and completion works.

Projects & Programmes Recommended For Priority Funding	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2007 to September 2008 TT\$Mn	Expenditure October 2008 to June 2009 TT\$Mn	Projected Expenditure to September 2009 T TT\$Mn	Status 2009
Ministry of Education (formerly Social Development Tower)	611.1	2005-2009	Commercial Bank	152.1	96.4	0.0	A state-of-the-art glass and steel structure providing sixteen (16) floors of modern, user-friendly facilities for staff and members of the public. Two (2) buildings are under construction on the site: a sixteen (16) storey, 237,370 sq. ft. office tower; and a five (5) storey, 35,420 sq. ft. secondary building. The estimated cost of the project is \$611.1 million. The project commenced in 2005 and is scheduled for completion in 2009. For fiscal 2009, an amount of \$275.9 million is allocated to carry out construction and fitting out works.
Chancery Lane Administration Complex	648.3	2005-2009	Commercial Bank	129.8	0.0	0.0	The complex encompasses 300,000 sq. ft. of complex and will include a 50,000 square foot two (2) storey public library, three storeys of retail space, which include shopping areas and a food court facility a shopping concourse, a craft market and a three storey car parking facility and facilities for the disabled, including access ramps and washrooms. The project commenced in 2005 and is scheduled for completion in 2009. For fiscal 2009, an amount of \$55,575.35 was expended on this project.
Scarborough Financial Complex	176.2	2005-2009	Commercial Bank	24.3	5.0	0.0	This project encompasses a 80,000 square feet complex and will offer convenient access to a variety of services and departments under the Tobago House of Assembly. The complex will include parking facilities, a link bridge to the Scarborough Transit Hub's multi-storey parking facility, a loading bay for deliveries, wiring for internet and cable services, conference and lecture facilities, recreational facilities; and storage areas. The estimated cost of the project is \$89.7 million but was revised to \$176.2 Mn. For fiscal 2009, an amount of \$73.3 million is allocated to carry out construction works.
Scarborough Regional Library	97.7	2005-2009	Commercial Bank	30.0	42.9	0.0	The Scarborough Regional Library will be a 20,780 square feet, tri-level structure, designed to provide a state-of-the-art environment conducive to learning. For fiscal 2009, an amount of \$38.6 million is allocated to conduct complete construction and fitting out works.
Total - UDeCOTT	4,306.3			1,265.3	341.3	0.0	
Total Public Administration	4,306.3			1,265.3	341.3	0.0	
TOTAL SUPPLEMENTARY PSIP	35,046.3			6,742.8	3,566.0	2,240.8	



Government of The Republic of Trinidad & Tobago



*'Strengthening Efficiency,
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Vision 2020

APPENDIX II SUPPLEMENTARY PUBLIC SECTOR INVESTMENT PROGRAMME 2010

Projects & Programmes	Estimated Total Cost of Project TT\$m	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$m	Projected Expenditure 2009-2010 TT\$m	Details of Activity 2010
Economic Infrastructure						
Business and Trade Expansion - Energy Sector						
The National Gas Company Of Trinidad And Tobago Limited (NGC)						
Transmission Pipelines						
North Eastern Offshore Pipeline (NEOP) - BHP Offshore Transmission Expansion	2,444.4	2006 - 2011	80% from external financing and 20% equity.	1,105.5	884.8	Construction of a 36" Offshore Pipeline from the BHP platform to the 36" BUD Pipeline to accommodate additional gas to be delivered from BHP, BP, EOGR and Repsol gas fields. The project was revised to \$2,444.4 million and rescheduled to be completed in 2011. The project is 47.2% completed. An amount of \$884.8 million is allocated for fiscal 2010 for project and construction management, procurement of valves and other materials and construction of pipelines.
BUD Pipeline & Related Facilities	1,436.7	2002-2009	80% from external financing and 20% equity.	50.2	0.0	Construction of 36" Beach field Upstream Development (BUD) Pipeline and related Facilities from bpTT's Cassia platform to Abyssinia. The original estimated cost of the project was \$863.4 million but was revised to \$1,436.7 million. The project was completed in 2008. The onshore and offshore pipelines and facilities are currently in operation.
Distribution Pipelines & Related Facilities						
Point Lisas Ring Main	80.0	2005 - 2010	Internally generated funds	5.7	0.0	Construction of a 36" Pipeline Loop to be added to the existing Ring Main. The 36" pipeline loop will be approximately 6 km in length commencing at the Phoenix Park Intermediate Station and ending at tie-in points with the 24" Ring Main on Atlantic Avenue and the 20" spur line off Pacific Avenue. Pipeline construction completed. Tie-in to existing system at Phoenix Park Intermediate station and commissioning of pipeline is scheduled for 2009. Mechanical completion of the pipeline and subsequent commissioning was completed on November 1, 2008. A second tie-in at the Phoenix Park Intermediate Station was in the original project scope but was not completed. An engineering study of the next tie-in option reveals that another proposal is more viable. No additional expenditure is required on this project.

Projects & Programmes	Estimated Total Cost of Project TT\$m	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$m	Projected Expenditure 2009-2010 TT\$m	Details of Activity 2010
Pipeline to Union Industrial Estate	217.0	2006 - 2010	Internally generated funds	48.0	0.0	A 11 km 24" diameter spur pipeline from the NCMA BG Pipeline at Guapo Bay to Union Estate and a plasticline from Union Estate to LABIDCO Estates off the NGPL CIP Pipeline. The project commenced in 2006 had the scope was redefined in 2008 to provide for an alternate supply of gas. Complete construction of pipelines, gas facilities and commissioning is anticipated in 2010.
New Industrial Estate and Small Consumers Comprises of Pipelines to the following:						
Pipeline e-Teck Wallerfield	10.8	2006 - 2010	Internally generated funds	10.5	0.0	Construction of a 3 km 6" supply line and a 10 km 6" low pressure distribution network in the e-Teck Tamana Park, Wallerfield to supply light industrial customers. The project was allocated in 2009 the sum of \$10.74 million. Project scheduled for completion in 2009.
North West Peninsula Phase III to Diamond Vale	27.6	2006-2009	Internally generated funds	0.0	0.0	This is the construction of a 6 km 6" diameter pipeline to e-Teck's Diamond Vale Industrial Estate to supply natural gas to light industrial users. This project was deferred.
Pipeline to Longdenville	16.0	2007-2009	Internally generated funds	0.8	10.0	Construction of a pipeline to Longdenville to supply light industrial users. An amount of \$10.0 million is allocated for construction and commissioning of the pipeline in 2010.
Pipeline to Gulf City/Otaheite	7.0	2007-2009	Internally generated funds	0.0	0.0	Construction of a 6" natural gas pipeline network to supply customers at Gulf City, Otaheite and San Fernando.
Pipeline to Ammonia, Urea and Melamine (AUM) Plant	10.3	2007-2009	Internally generated funds	8.3	0.1	Construction of a 12" pipeline to supply the AUM complex and construction of stations for the delivery of gas. An amount of \$0.06 million is allocated for the quarter ending December 31, 2009 to complete installation of SCADA facilities for the downstream meter station.
Pipelines to Small Customers - Natural Gas Supply to Ethylchem Ltd - Nat. Gas Supply to Marabella Sec. School - Nat. Gas Supply to Couva Sec. - National Academy of the Performing Arts	12.4	2007-2009	Internally generated funds	8.8	0.0	Construction of pipelines to supply small consumers for Natural Gas Supply to Ethylchem Ltd, Natural Gas Supply to Marabella Secondary School, Couva Secondary and the National Academy of the Performing Arts.
New Pipeline and Metering Station to Petrotrin	11.0	2009-2010	Internally generated funds	0.0	7.8	Project to replace the existing metering station at Petrotrin with a new one capable of supplying 110mmscfd due to the expected increase demand of 25mmscfd to meet demand for the World Gas to Liquid Plant. An amount of \$7.8 million is provided in 2010 to purchase all materials.

Projects & Programmes	Estimated Total Cost of Project TT\$m	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$m	Projected Expenditure 2009-2010 TT\$m	Details of Activity 2010
Pipeline and Metering Station to Trinidad Generation Unlimited	8.0	2009-2010	Internally generated funds	0.0	5.5	Design, procurement and construction activities have been planned to facilitate the construction of a Pipeline & Metering Station to the Trinidad Generation Unlimited facility. An amount of \$5.5 million is provided in 2010 to purchase all materials.
Pipeline and Metering Station to Carisal Unlimited's Chlor Alkali Plant	5.0	2009-2010	Internally generated funds	0.0	5.0	Engineering, design, procurement and construction activities have been planned to facilitate the construction of a Pipeline & Metering Station to the Carisal Unlimited's Chlor-Alkali Plant. An amount of \$2.9 million is provided in 2010 to purchase all materials.
Modification Works						
Phoenix Park Valve Station Upgrade	450.5	2006 - 2009	Internally generated funds	57.1	99.4	Upgrade of Phoenix Park Valve Station to improve the safety, reliability and operational flexibility of the station. Includes the construction of a new 3000 barrels Slug catcher and Liquid handling Facility. The estimated cost of the project is revised to \$450.5 million. The project commenced in 2006 and was scheduled to be completed in 2009 but was delayed to 2011. An amount of \$99.4 million is provided for construction, pre-commissioning and commissioning.
Investment in Air Conditioning Plant						
- eTeck's Wallerfield Eco Park - \$60.0 Mn - Five (5) small projects - \$10.0Mn - Ten (10) schools - \$40.0Mn	109.0	2008-2009	e-Teck -\$60.0Mn GORTT - \$40.0Mn	0.0	109.0	Surveys have been completed. No agreement was arrived at with eTeck. Schools to be shortlisted
Financial Capital						
Jamaica LNG Gas Terminal	151.2	2007 - 2009	Petrojam 60%; NGC 40%.	0.0	6.0	No major expenditure budgeted for 2010.
Pipeline to Eastern Caribbean	7.6	2007 - 2009	NGC is the equity holder of 10% and will	0.0	7.6	Project development works are ongoing and funds allocated for the fiscal year 2010 is US \$1.2 million. Investors are seeking to secure a stakeholder or partner to take a majority share of the investment. Final approval is being sought from the Government of Barbados.
Total - NGC	5,004.5			1,294.8	1,135.2	

Projects & Programmes	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$Mn	Projected Expenditure 2009-2010 TT\$Mn	Details of Activity 2010
The National Energy Corporation Of Trinidad And Tobago (NEC)						
Tugs, Workboat and Launch	104.3	2008-2010	Internally generated funds	0.1	104.2	An allocation of \$104.2 million is provided for fiscal 2009 – 2010, for the acquisition of two tugboats for additional towage services and a launch to transport customs officials, agents, pilots and other passengers to and from vessels.
Acquisition of Machinery and Equipment	2.0	2009 - 2010	Internally generated funds	0.3	0.8	An allocation of \$0.8 million is provided for fiscal 2009 – 2010, for the acquisition of machinery and equipment.
Furniture & Fixtures	2.0	2009 - 2010	Internally generated funds	1.0	1.0	An allocation of \$1.0 million is provided for fiscal 2009 – 2010, for the acquisition of furniture, office equipment, and computer hardware and software
Tug Mooring Facility	1.7	2008 - 2009	Internally generated funds	0.0	0.4	For fiscal 2009 – 2010, an amount of \$0.4 million is allocated to acquire a crane to facilitate movement, storage and handling of heavy cargo at the facility.
Brighton Port - Alurrint Material Storage & Handling Facilities	600.0	2008 - 2010	Debt to Equity ratio of 80% to 20%.	108.4	397.0	This project involves the construction of the material storage yard and handling facilities for the smelter plant. For fiscal 2008 - 2009, an amount of \$349.7 million was provided towards this project. However, construction was delayed due to additional time taken to complete geo-technical studies. An amount of \$397.01 million is provided towards this project in 2009 - 2010
Savonetta Pier 2, 3 & 4	4.9	2008 - 2010	Internally generated funds	0.2	3.9	The scope of this project includes works to upgrade Savonetta piers 2, 3 and 4. For fiscal 2009, an amount of \$1.0 million was provided towards this project. However, the project was deferred. An allocation of \$3.86million is provided for fiscal 2009 – 2010 to carry out improvement works.
Conveyor System	170.0	2009 -2011	Debt to Equity ratio of 80% to 20%.	2.4	85.1	This project includes the construction of conveyor system for the transport of raw material and finished product to and from the smelter plant. An amount of \$85.05 million is provided towards this project in 2009 - 2010.
Drydocking	2.2	2009 - 2010	Internally generated funds	6.02	2.2	This project involves the Drydocking of four (4) vessels, for major repair work estimated at \$2.15 million. The project is scheduled for implementation over the period 2009 to 2010. Financing will be provided from internally generated revenue.
Total - NEC	887.1			118.4	594.5	

Projects & Programmes	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$Mn	Projected Expenditure 2009-2010 TT\$Mn	Details of Activity 2010
La Brea Industrial Development Company Limited (LABIDCO)						
Access Roads Development of Site	26.0	2009-2010	To be arranged	0.0	26.0	Completion of Estate Infrastructure to service new Tenants, Installation of 2600 metres of road with drainage.
Drains Corridor	3.2	2009-2010	Internally generated funds	0.0	1.0	Installation of 500 metres drains on the LABIDCO estate.
Corridor Lighting	3.1	2009-2010	Internally generated funds	0.0	1.1	Installation of lighting along the corridors of the estate to improve security.
Surveying/Cadastral	0.1	2009-2010	Internally generated funds	0.0	0.1	Commissioning of Surveys to reflect changes in the layout of the estate.
Well Re-abandonment	6.0	2009-2010	Internally generated funds	3.0	3.0	There are six leaking wells/clusters on the estate that have to be capped. Capping or closing these wells will contain the effluent of oil (and gas) and remove the hydrocarbon contamination on a periodic basis.
La Brea Berth #1 (Demolition & Reconstruction)	53.9	2008-2009	Internally generated funds	53.8	0.0	Expenditure for the period October 2008 - June 2009 was \$28.8 million and was utilised for piling works.
Re-construction of La Brea Berth # 2	126.0	2009-2010	To be arranged	0.0	25.2	An amount of \$25.2 Mn is allocated to re-construct Berth # 2 inclusive of cathodic protection.
Administration Building	4.4	2009-2010	Internally generated funds	0.0	1.0	An amount of \$1.0 million is allocated in fiscal 2009 -2010 to undertake design works for the construction of a new administration complex to accommodate staff from companies located on Labidco and Union Estate.
Port Office Building and Warehouse	49.0	2008-2009	Internally generated funds	28.4	0.0	Construction of new administrative complex and warehouse to house staff and lease office space. The scope of the project was changed to the construction of only an administration building. The project was deferred.
Other	5.1	2009-2010	Internally generated funds	3.1	1.1	An allocation of \$0.4Mn is provided for the acquisition of machinery, equipment, furniture and computers; \$0.03Mn to develop access way for pedestrians at the port, \$0.07 to purchase two (2) new navigational aids and \$0.30Mn to install automated barriers at the main entrance to the port facility to improve the safety system.
Total - LABIDCO	276.8			88.3	58.5	

Projects & Programmes	Estimated Total Cost of Project TT\$m	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$m	Projected Expenditure 2009-2010 TT\$m	Details of Activity 2010
Petroleum Company of Trinidad and Tobago (PETROTRIN)						
Business Improvement Plan Phase II	264.0	2003 - 2009	Internally generated funds	31.0	0.0	This project closed off on November 03, 2008. All major payments were completed.
Refining & Marketing						
Gasoline Optimisation Program consisting of the following:						
Project Administration	427.9	2004-2010	Commercial Bank	57.5	117.2	Bechtel International is providing Project Management Services. For fiscal 2009 – 2010 an amount of \$117.2 million is provided to continue project management services inclusive of salaries for Petrotrin staff and overheads as well as project management consultancy services.
Upgrade Fluid Catalytic Cracking Unit (FCCU)	2,191.5	2004-2010	Commercial Bank	463.9	861.4	Foundation works have been completed on the new Merox Plant and installation of modules and other equipment are in progress. Piling commenced for the Third Stage Separator and Main Air Blower. Foundation works commenced for the remote power building and the Amine and Caustic tanks. For fiscal 2009 – 2010, an amount of \$861.4 million is provided to continue the upgrade of the plant. Pre-construction work will continue with the major upgrade works occurring in fiscal 2009-2010 during a 90 day turnaround with completion and start up.
New Isomerisation Complex	616.7	2004-2010	Commercial Bank	21.9	20.0	Start up and commissioning of the unit was completed and the unit is in commercial production. For fiscal 2009 – 2010, an amount of \$20 million is provided for the final resolution of any claims and contractual issues.
New Continuous Catalyst Regeneration (CCR) Platforming Unit	1,592.4	2004-2010	Commercial Bank	138.6	58.0	This project is 95.1% complete compared to the revised plan of 100%. Erection of all equipment was completed and testing of systems as well as operator training is in progress. For fiscal 2009 – 2010, an amount of \$58 million is provided to complete commissioning and start up of the 25,000 bpsd Continuous Catalyst Reformer (CCR) Platform-Complex.
New Alkylation Unit/Acid Plant	1,820.0	2004-2010	Commercial Bank	479.0	22.2	The project is 88.8% complete compared to the revised schedule of 98%. Engineering works have been completed as well as foundations for all equipment and structures in the Alky Unit. Several major pieces of equipment materials and equipment are continuing. An allocation of \$22.2million is provided in fiscal 2009 – 2010 to complete construction. Start up and commissioning is targeted for March 2010.

Projects & Programmes	Estimated Total Cost of Project TT\$m	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$m	Projected Expenditure 2009-2010 TT\$m	Details of Activity 2010
Offsites and Utilities (O&U)	1,725.1	2004-2010	Commercial Bank	596.1	371.5	Major work to be completed including water treatment, steam generation, electrical power, air & nitrogen to supply new units. PETROTRIN has allocated an amount of \$375.1 million in fiscal 2009 - 2010 to complete major works. This includes interconnecting piping to new units, water treatment facilities, steam generation, electrical power and air and nitrogen to supply the new units.
Ultra Low Sulphur Diesel Plant (USLD) - New Hydrodesulphurisation/Hydrodearomatization Unit (HDS/HAD)	2,469.6	2007-2010	Commercial Bank 70%	33.4	1,100.0	The estimated cost of the plant was revised to \$2,469.6 million due to the overheating in the construction industry. The project was rescheduled to 2007 to 2010. PETROTRIN has allocated an amount of \$1,100 million
Gas to Liquids (GTL) - JV - 51% World GTL Trinidad & 49% Petrotrin	1,265.0	2004 - 2010	Commercial Bank 45% Internal funding 55%	202.0	77.0	The cost of the project was revised to \$1,324.3 million due to changes in the scope of the project. The project was delayed to 2010. This project is approximately 82% completed.
Sub-Total	12,372.2			2,023.4	2,627.3	
Projects - Exploration & Production						
Seismic Acquisition - Land	140.0	2009-2010	Internally generated funds	55.6	84.2	Evaluation of bids for seismic acquisition and permitting. Contractors are in progress. For fiscal 2009 -2010, an amount of \$170 million is provided for the acquisition of 215 km ² 3D seismic on land to allow for mapping of new reserves.
Primary Drilling - Trinmar	470.9	Annual	Internally generated funds	14.6	52.0	For 2009-2010, \$52.0 million is budgeted to recommence the drilling programme in the fourth quarter of the year.
Development Drilling - Land, North and East (LNE)	206.2	Annual	Internally generated funds	2.6	96.0	Funds allocated to prepare locations and restart drilling operations for a three (3) months drilling period. For fiscal 2009 - 2010, an amount of \$31.0 million is provided for primary drilling, \$53.0 million for EOR drilling and other projects works and \$12.0 million for New Reserve Type (NRT) workovers.

Projects & Programmes	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$Mn	Projected Expenditure 2009-2010 TT\$Mn	Details of Activity 2010
Infill/Replacements/Outstep Drilling at all Existing and New Land, North and East Coast EOR Projects	58.0	Annual	Internally generated funds	14.1	40.0	An amount of \$40.0 million is provided for fiscal 2009 – 2010 to be utilised for the drilling and completion of twelve (12) infill/replacements/outstep in PETROTRIN's existing and planned new and expansion EOR areas in order to optimise and or develop production and fluid injection opportunities. Other EOR Projects includes \$15.3 million budgeted in fiscal 2009 for work in new EOR projects, expansion of existing projects including drilling, recompletions and cyclic stimulation. Work on the Guapo Steamflood expansion project commenced and work is ongoing on the other project. \$11.5 million was expended as at end June 2009.
Primary Drilling - Soldado	50.0	Annual	Internally generated funds	0.0	50.0	Funds allocated to prepare locations and restart drilling operations.
Teak Samaan Poui/Onyx (TSPO)	234.2	2008-2010	Internally generated funds	28.3	26.4	PETROTRIN has allocated an amount of \$26.4 million in fiscal 2009 – 2010 to this JV for technical and other studies and upgrade of facilities and other studies and upgrade of facilities
Central Block	220.0	2008-2010	Internally generated funds	0.0	0.0	The cost of this project was revised to \$220.0 Mn due to inadequate original scope of work and plant design leading to delay in procuring long-lead items coupled with Project Management deficiencies. BGTT is the operator of the project.
North Coast Marine Acreage (NCMA) JV	964.4	2008-2011	Internally generated funds	222.8	226.9	The first gas from well P2 was lifted in January 2009. Drilling was scheduled to commence in August 2009. Refurbishment works with respect to the drilling on the rig at Chaguaromas base commenced in May 2009. Phase 3d involves the drilling of two (2) deeper platform wells. Well Engineering is in progress. Compression pre-FEED for phase 4 is in progress. PETROTRIN has allocated an amount of \$58.8 million in fiscal 2009 – 2010 to this JV to complete Phase 3c drilling, commence Phase 3d drilling, commence installation of compression facilities (Phase 4/Compression) and upgrade of existing facilities.
Installation of sub-sea pipelines using coiled pipe technology	64.8	2009-2013	Internally generated funds	17.3	25.0	The overall project is 60% completed. Two (2) four 4" pipelines were completed and the completion of pipeline installation is targeted for February 2010. An amount of \$25.0 million is allocated in fiscal 2009 - 2010 to install 2" - 5" sub sea lines using coiled tubing technology.

Projects & Programmes	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$Mn	Projected Expenditure 2009-2010 TT\$Mn	Details of Activity 2010
SWS Fixed Process Platform JV	324.8	2009-2013	Internally generated funds	0.0	30.0	The estimated cost of this project was \$240.0 million but was revised to \$324.8 million. The project was scheduled for implementation over the period 2009 to 2013. However, the project was deferred with \$30.0 million allocated in FY 2010 to commence this project.
SECC JV	34.0	2008-2010	Internally generated funds	5.1	4.2	Funds allocated to carry out G & G support, Upgrade facilities, Drill (1) exploration well and pre-FEED for Kistadee Compression. An amount of \$4.2 million is provided for this JV for fiscal year 2009 -2010 to complete these projects.
South West Peninsula JV	21.0	2008-2010	Internally generated funds	0.5	0.5	Increase in the size of the building from 60,000 sq ft to 160,000 sq. ft. An amount of \$0.5 million is provided for this JV for fiscal 2009 -2010.
Sub-Total	3,784.4			360.9	635.2	
Corporate Projects						
Administration Building	365.0	2005-2010	Internally generated funds	14.5	4.5	Work is 95% completed. Tenders were re-issued for façade, flooring, electrical, air condition, plumbing and services building works. PETROTRIN has allocated an amount of \$4.5 million for the fiscal 2009 – 2010 towards the construction of the new office complex.
Improved Access to Petrotrin from the Solomon Hochoy Highway	150.0	2006-2010	Internally generated funds	0.0	0.0	The scope of this project was changed as a result of improvements to existing Pointe-a-Pierre Interchange to the construction of a new Interchange in the vicinity of Pointe-a-Pierre. This project is to be funded by the Ministry of Works and Transport. PETROTRIN will assist by providing Basic Engineering Design Package.
Trimmar Base Relocation	0.0	2004-2010	Internally generated funds	0.0	0.0	This project was deferred.
New Refinery Lab	160.0	2006-2010	Internally generated funds	85.7	27.0	Construction work is ongoing. The Ancillary buildings were 90% completed and services building 30% completed. Main Lab columns and roof have been completed and the external block works were 60% completed. Installation of services commenced. An allocation of \$27.0 million is provided for the new lab project in fiscal 2009 – 2010.
Road Tank Wagon Loading Bay	239.0	2006-2010	Internally generated funds	0.0	27.0	The RTW Terminal was deferred. However, the facilities for the transfer of fuels to the new Caroni Terminal are under construction. Detailed Engineering for the facilities at the west refinery area is in progress. An allocation of \$27.0 million is provided for the Road Tank Wagon Loading Bay in fiscal year 2009 – 2010 to continue construction of the Caroni Terminal and commence the Refinery facilities.

Projects & Programmes	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$Mn	Projected Expenditure 2009-2010 TT\$Mn	Details of Activity 2010
New Tug/ Launch Landing Stage	20.0	2007-2010	Internally generated funds	7.0	15.0	Construction of the new building was deferred. A new jetty is to be constructed. The Environmental Management Authority (EMA) had requested an extension for the consideration of CEC application to August 3, 2009. An allocation of \$15.0 million is provided in fiscal 2009 - 2010 to complete the jetty with construction of the building continuing.
New Casuarina Electrical Substation	28.0	2007-2010	Internally generated funds	9.0	0.0	The estimated expenditure was \$20.0 million now revised to \$28.0 million. This project commenced in 2007 and was to be completed in 2008 but has extended to 2010. A substantial percentage of overall cost is equipment costs and was impacted by increase in cost of labour, equipment and services arising out of the overheated local and international construction. All works were completed on June 30, 2009.
Bulk Intake 132 kV Sub-Station	230.0	2009-2010	Internally generated funds	97.0	87.0	The overall projects now includes new bulk intake 132/66 kV sub-station, a new 66/12 kV sub-station and upgrade of transmission lines throughout the refinery. Contracts have been awarded for both package and detailed engineering are in progress. An allocation of \$87.0 million is provided in fiscal 2009 - 2010 to continue construction on the project.
Upgrade of Tank No. 100	32.0	2009-2010	Internally generated funds	0.0	32.0	The scope of this project involves the replacement of the tank floor, installation of a dome roof, repairs to the shell of the tank and installation of an internal floating roof. The estimated cost of this project is \$32.0 million and is to be implemented over the period 2009 to 2010. The upgrade will be financed internal funds.
Outer Gantry Removal and New Dolphins at No. 7 Berth	18.5	2009-2010	Internally generated funds	0.0	18.5	The scope of this project involves the removal of the outer gantry and the installation of four (4) Dolphins. This project is estimated at \$18.5 million and is to be implemented in one (1) year commencing in 2009 and terminating in 2010.
Tug/Launch Rentals	14.5	2009-2010	Internally generated funds	0.0	14.5	This project is aimed at keeping the harbour functional by satisfying operational and functional requirements including the maintenance of tugs and launches as well as complying with safety standards. The estimated cost of the project is \$14.5 million and is to be implemented in one (1) year over the period 2009 to 2010. This project will be financed from internal funds.

Projects & Programmes	Estimated Total Cost of Project TT\$m	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$m	Projected Expenditure 2009-2010 TT\$m	Details of Activity 2010
Construction of New Security Headquarters at Pointe- a-Pierre	15.0	2009-2010	Internally generated funds	0.0	15.0	The scope of this project entails the construction of a two (2) storey building completely fitted with washrooms, change rooms, cupboard and restrooms to accommodate security management, office staff and male and female shift personnel, designed to include a vault, conference room, waiting room and badgeing room as well as document storage, equipment storage, gymnasium appropriate car park, lighting and back up power system. The estimated cost of the project is \$15.0 million and is to be implemented in one (1) year over the period 2009 to 2010. This project will be financed from internal funds.
Construction of Line at Massahood to Woodland	18.0	2009-2010	Internally generated funds	0.0	18.0	The scope of this project involves the fabrication and installation of a 16" oil line from Massahood to Woodland alone the existing 12" Right of Way. An amount of \$18.0 million and is provided in fiscal 2009 - 2010 implemented the project. A statement of work is being prepared. Pipes have been ordered and a barrier was installed to ensure the area is secured.
Platforms Refurbishment	35.0	2009-2010	Internally generated funds	0.0	35.0	Major refurbishment to the Trinmar platforms: East Field (BS 238), the Main Field (PL 13 and 9) and the North Field (PL 14 and 18). These refurbishment works are scheduled to be completed in fiscal 2009 - 2010.
Fabrication and Installation of sub-sea jointed pipes	22.0	2009-2010	Internally generated funds	0.0	22.0	This project involves the upgrade of the main trunk sub-sea pipelines to improve the system reliability. The project is estimated at \$22.0 million and is scheduled for completion over a one (1) year period 2009 – 2010.
East Field Development of Phase 1 (Lower Cruise Drilling)	130.0	2009-2011	Internally generated funds	0.0	65.0	This project involves the design and installation of new triple well structures, production/gas lift manifolds, new 250 psig system and coil pipe for the East Field Development Phase 1 to develop and produce new wells. The estimated cost of the project is \$130.0 million and is to be implemented over the period 2009 to 2011.
East Field Development of Phase 2 (Compression)	160.0	2009-2012	Internally generated funds	0.0	60.0	This project involves the design, tender (EPC) to have gas lift capacity in two (2) years. This project is estimated to cost \$160.0 million and is scheduled to be implemented over the period 2009 to 2012. Funding will be provided from internal resources.
SWS Gaslifting Development Phase 1 (Reaction – Existing Wells)	324.8	2009-2012	Internally generated funds	0.0	0.0	This project involves the design of RP 10 upgrade, Eagle 1 installation and sub-sea pipelines, coil pipe and work over wells for SWS development. The estimated cost of the project is \$324.8 million and is to be implemented over the period 2009 to 2012.

Projects & Programmes	Estimated Total Cost of Project TT\$m	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$m	Projected Expenditure 2009-2010 TT\$m	Details of Activity 2010
Vapour Recovery	25.0	2009-2010	Internally generated funds	0.0	25.0	An amount of \$25.0 million is allocated in fiscal 2009-2010 to carry out Engineering, Procurement and Installation process as well as gas sales compressor.
Structural Upgrades of Platforms	60.0	2009-2011	Internally generated funds	0.0	30.0	This project involves the fabrication and installation of additional piles and braces to strengthen platforms over a two (2) year period estimated at \$60.0 million.
East Field Electrification	60.0	2009-2011	Internally generated funds	0.0	34.0	This project involves the establishment of electrical infrastructure to support the East Field Development project and involves construction of onshore sub-stations, sub-sea cable to PL no 20, electrical equipment and offshore electrical installation work. The project estimated to cost \$68.0 million and is to be implemented over the period 2009 to 2011.
Main Field Gas Compressor Upgrade	259.0	2009-2011	Internally generated funds	0.0	84.0	This project involves the replacement of four (4) obsolete compressors with two (2) new motor driven compressors and associated ancillary equipment and a motor driven conversion of one (1) engine driven compressor. Additional GP – 2 generation capacity and power distribution. The estimated cost of this upgrade is \$259.0 million. The project is to be implemented over the period 2009 to 2012.
Sub-Total	3,192.5			213.2	613.5	
Total - PETROTRIN	19,349.1			2,597.5	3,876.0	
Installation of Tank Gauges	3.0	2007-2010	Commercial Bank	0.0	0.0	estimated cost of this project is \$3.0 million. A supplier was contracted to execute a pilot project. Additional gauges will be procured and installed when testing was completed. Funding for this project is provided from internal funds.

Projects & Programmes	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$Mn	Projected Expenditure 2009-2010 TT\$Mn	Details of Activity 2010
Acquisition of 40,000 valves	2.1	2007-2010	Internally generated funds	0.4	0.0	This project involves the placement of valves on new 20 lb cylinders and on refurbished cylinders. These valves will be used by the two (2) LPG testing facilities. The project commenced in 2007 and is scheduled for completion in 2009. Funding is provided from internal resources. The process is ongoing.
Generator Automatic Transfer Switch	2.0	2007-2010	Internally generated funds	0.0	2.0	The scope of this project was increased to accommodate all of Sea Lots compound. The estimated cost of this project is now \$2.0 million.
New 78,020 20lb and 12,300 100lb cylinders and 90,320 valves.	18.2	2008-2010	Internally generated funds	0.0	15.4	The estimated cost of the project is \$18.9 million and is to be funded from internal funds. For fiscal 2010, the company will acquire 78,020 – 20lbs cylinders with valves and 12,300 – 100lbs cylinders with valves at a total cost of \$15.4 million.
Winch System for Jerry Hoses	1.0	2008-2010	Internally generated funds	1.0	0.0	This system encompasses the establishment of modern systems for hose handling to discharge ships to rely on equipment which will replace manual labour. The project is estimated at \$1.0 million. The project was scheduled to commence in 2008 and is targeted for completion in the fourth quarter of 2009. An amount of \$1.0 million is allocated in fiscal 2009 to undertake the project.
Revamp Fire Control System	3.0	2008-2010	Internally generated funds	2.0	1.0	Establishment of modern systems for hose handling to discharge ships to rely on equipment which will replace manual labour. The project is estimated at \$3.0 million. The project was scheduled to commence in 2008. The targeted date for completion is now end of 2010.
Refueller for Tobago	2.0	2008-2010	Internally generated funds	2.0	0.0	Project to replace ISO tanks a storage for additive procured in bulk. The estimated cost was \$2.0 million and was funded by NP from internally generated funds. An amount of \$2.0 million was allocated for fiscal 2009. The project commenced in 2008 and was completed in 2009.
Three (3) 10,000 IG additive storage tanks	1.0	2008-2010	Internally generated funds	1.0	0.0	These storage tanks will replace the current leased 150 tanks as storage for additive procured in bulk. The estimated cost of the project is \$1.0 million to be funded by NP from internally generated funds. An allocation of \$1.0 million is provided in fiscal 2009.

Projects & Programmes	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$Mn	Projected Expenditure 2009-2010 TT\$Mn	Details of Activity 2010
Aviation Refueller	1.3	2008-2010	Internally generated funds	1.3	0.0	Required as replacement for obsolete refueller. This equipment is needed to complete the upgrade process of refuelling equipment at Piarco and to improve customer service. The estimated cost is \$1.3 million. The project is targeted for completion in 2009. This project is to be funded from internally generated funds. An amount of \$1.3 Mn is allocated in fiscal 2009 to complete works on the replacement of the refueller.
Construction of Piarco Administration Office and Maintenance Building	3.0	2008-2011	Internally generated funds	1.0	1.0	The project is scheduled to commence in 2009 and is targeted for completion in 2011. A preliminary \$1.0 million was budgeted in the fiscal 2009. Funding will be provided from internal funds.
LPG Crushing Plant	1.0	2007-2010	Internally generated funds	0.0	1.0	This project was transferred to Public Sector Investment Programme.
Two (2) 10,000 bbl tanks at LABIDCO	4.0	2007-2010	Internally generated funds	0.0	1.0	This project will assist in improving efficiency in the services provided to E&P companies. The project is estimated at \$4.0 million to be funded from internal funds. Negotiations on the project commenced in 2008 and construction is targeted for completion in 2010. An allocation of \$1.0 million is provided in fiscal 2009-2010.
Purchase of (20) Tractors	14.0	2009-2010	Internally generated funds	0.0	14.0	Transporting the recently purchased RTW vehicles. It is expected that these will bring greater logistical efficiency and cost savings to the distribution operations.
Dredging of harbour channel	2.0	2009-2010	Internally generated funds	0.0	2.0	Dredging of harbour to a prescribed depth of 7.0m to permit greater flexibility in vessel selection for transportation of fuels.
Total - NP	75.2			11.7	37.4	
National Quarries Company Limited (NQCL)						
Purchase of one Water Management System	6.0	2010	Commercial Bank/ Internal Funds	0.0	6.0	This system is required for recycling water used for the washing of aggregates.
Mining and Surveying Equipment	1.2	2008-2010	Commercial Bank	0.0	0.0	Purchase of Mining and Surveying equipment for undertaking scientific survey assessments.
Purchase of a Mobile Wash Processing Plant	12.5	2007-2010	Commercial Bank	2.0	0.0	Redesign of Wash Plant.
Purchase of equipment	4.0	2007-2010	Commercial Bank	0.0	0.0	Project is awaiting final approval.
Redesign of Wash Plant No. 3	4.3	2007-2010	Commercial Bank	4.3	0.0	Redesign of Wash Plant No. 3 in order to enhance its operational and production capacity. This project is completed.

Projects & Programmes	Estimated Total Cost of Project TT\$m	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$m	Projected Expenditure 2009-2010 TT\$m	Details of Activity 2010
Upgrade of existing Plant #2	6.7	2006-2010	Commercial Bank	6.7	0.0	This project has saved the sum of \$252k since the equipment cost only \$6.7 million compared with \$7.0 million.
Complete the settling pond system for all plants	1.0	2007-2008	Commercial Bank	0.0	0.0	Completion of settling pond system for all plants in accordance with EMA.
Upgrade to Stores Building and Welding Room	1.0	2010	Internal Funds	0.0	1.0	This involves the expansion of the storage facilities to accommodate large and high valued plant fillings and spare parts such as screens and conveyor belts. In addition, the welding shop area will be upgraded to harness safe and healthy working conditions.
Construction of a bridge at Scott's Quarry	1.0	2010	Internally generated funds	0.0	1.0	This project involves the construction of a bridge at the entrance to the Scott's Quarry as during the rainy season vehicular access is restricted and inaccessible.
Redesign of Plant #1, Log Washer and Conveyor	3.0	2010	Internally generated funds	0.0	3.0	This project will allow for maximisation of the quantity and variety of end products required to meet market demands.
Paving works- Sand and Gravel Division	1.0	2010	Internally generated funds	0.0	1.0	This project involves paving the access area to the main Sales and Weighbridge Offices and Administrative Building.
Acquisition of One 12 ton Truck Mounted Crane	1.5	2009-2010	Internally generated funds	0.0	1.5	This project will allow the company to conduct routine plant maintenance, while complying with health and safety requirements.
Total - NQCL	43.2			13.0	13.5	
Total - Business & Trade Expansion - Energy Sector	25,635.9			4,123.8	5,715.1	
Business and Trade Expansion - Non Energy Sector						
Point Lisas Port Development Corporation Limited (PLIPECO)						
Construct and equip berths 6 & 7 at Port Point Lisas with associated yard infrastructure	1,006.1	2006-2008	Commercial Bank	0.5	0.0	Feasibility is being reviewed.
Construction of second channel at the Point Lisas Harbour	52.0	2006-2008	Commercial Bank	0.5	0.0	Project is being reviewed.
Reconstruction /repair of roads on the Point Lisas Industrial Estate.	18.5	2006-2008	Internally generated funds	9.0	0.0	COMPLETED.
Completion of Berth 5	82.0	2006-2008	Commercial Bank	71.9	0.0	3 KCI RTGs and Liebherr Ship to Shore Gantry Crane to be commissioned. A Total of \$71.9Mn was expended. COMPLETED.

Projects & Programmes	Estimated Total Cost of Project TT\$m	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$m	Projected Expenditure 2009-2010 TT\$m	Details of Activity 2010
Other Projects 2008/2009 that were COMPLETED.	19.5	2008-2009	Internally generated funds	12.5	7.0	Reconstruction of drains (\$1.0Mn); completion of Port Administration Building (\$1.0Mn); marshalling yard (\$1.0Mn); LCL Warehouse expansion (\$2.0Mn); and Fencing CCTV Lighting gates (\$2.0Mn); Stores relocation (\$1.4).
Total - PLIPDECO	1,178.1			94.4	7.0	
Total Business & Trade Expansion - Non Energy Sector	1,178.1			94.4	7.0	
Total - Business & Trade Expansion	26,814.0			4,218.2	5,722.1	
Economic Infrastructure						
Electricity						
Trinidad And Tobago Electricity Commission (T & TEC)						
Construction of Substations						
- San Raphael 132kV	14.5	2006-2010	Internally generated funds	9.5	5.0	Construction of two (2) 132 kV Bays and one (1) 66kV bay.
- Macoya 66kV	13.6	2007-2008	Internally generated funds	8.7	2.0	Construction of a 166kV substation.
- Invaders Bay 33kV	11.4	2007-2009	Internally generated funds	0.0	0.0	Construction of a 33kV substation.
- Mt Hope 132kV	63.9	2006-2007	Internally generated funds	34.7	1.0	Construction of a 132kV substation.
- Port-of-Spain (Edward Street) 33kV	42.3	2007 -2009	Internally generated funds	32.3	8.0	Construction of a 33kV substation.
- Pt. Cumana 33kV	1.8	2007 -2009	Internally generated funds	0.0	0.0	Construction of a 33kV substation.
- Tarouba 33kV	27.0	2007 -2009	Internally generated funds	25.0	2.0	Incorporated in Reform substation that is 80% complete.
Sub- total	174.5			110.2	18.0	
Rehabilitation of Substations						
- Five Rivers 33kV	9.8	2008-2009	Internally generated funds	0.0	4.0	Rehabilitation of Five Rivers 33kV Substation.
- O'Meara 33kV	9.8	2008-2009	Internally generated funds	0.0	4.0	Rehabilitation of O'Meara 33kV Substation.
- Trincity 66kV	0.9	2006-2007	Internally generated funds	1.0	0.5	Rehabilitation of Trincity 66kV Substation.

Projects & Programmes	Estimated Total Cost of Project TT\$m	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$m	Projected Expenditure 2009-2010 TT\$m	Details of Activity 2010
Upgrade of Substation						
- Bamboo 132 kV Substation	17.2	2006-2007	Internally generated funds	0.0	8.6	Upgrade of the Bamboo 132kV Substation.
- Bamboo 132kV Substation	17.2	2006-2008	Internally generated funds	20.0	0.0	COMPLETED.
Establishment of Substations						
- Orahetti Substation	17.5	2007- 2010	Internally generated funds	5.5	12.0	Establishment of a substation at Orahetti.
- Essar 220kV Substation	20.0	2006-2007	Internally generated funds	0.0	10.0	Establishment of a new substation to supply new Essar Steel Plant.
- Carisal 132kV Substation	16.4	2006-2007	Internally generated funds	8.4	0.0	Total Expenditure to date on this project is \$8.4Mn.
- Brechin Castle 132kV/220kV Substation expansion	80.0	2006-2007	Internally generated funds	0.0	80.0	Establish a new substation and interconnect at Brechin Castle.
Construction of Transmission Lines						
- Mesopotamia to Roxborough 66kV Line	12.0	2007-2010	Internally generated funds	0.0	1.0	Construction of a 66kV tower line from Mesopotamia to Roxborough.
- Fyzabad Orahetti 66kV Line	10.0	2008-2009	Internally generated funds	0.0	2.5	Construction of a 66kV overhead line from Fyzabad to Orahetti.
- Penal - Harmony Hall 66kV Tower Line	11.0	2008-2009	Internally generated funds	0.0	2.5	Construction of a 66kV overhead line from Penal to Harmony Hall.
- Essar/Brechin Castle/Reform 220kV Tower Line	43.0	2007-2010	Internally generated funds	0.0	20.0	Construction of a 66kV tower line from Essar, Brechin Castle and Reform.
- Brechin Castle/Carisal 132kV Pole Line	10.0	2007-2010	Internally generated funds	0.0	6.0	Construction of a 132kV pole line from Brechin Castle/Carisal.
Upgrade of Circuit Breakers						
- Pt. Cumana	2.0	2007 -2009	Internally generated funds	0.0	2.0	Purchase and installation of circuit breakers.
- Scarborough	3.3	2006 - 2009	Internally generated funds	0.0	3.0	Total expenditure to date is \$0.24Mn.
- Centrin	1.3	2007 - 2010	Internally generated funds	1.3	0.0	COMPLETED.
Installation of New 12kV Switchboards						
- M 5000	2.2	2007 -2009	Internally generated funds	1.0	1.2	Awaiting 12kV Board.

Projects & Programmes	Estimated Total Cost of Project TT\$m	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$m	Projected Expenditure 2009-2010 TT\$m	Details of Activity 2010
- Pt. Cumana	1.2	2007 -2009	Internally generated funds	0.0	1.2	Purchase and installation of switchboards.
- Brighton	1.2	2007 -2009	Internally generated funds	1.2	0.0	COMPLETED.
- Trinicity	1.0	2007 -2009	Internally generated funds	1.0	0.0	COMPLETED.
- Pt. Lisas	1.0	2007 -2009	Internally generated funds	0.0	1.0	Awaiting 12kV Board.
Transformer Upgrades						
- Penal 100MVA 132/66kV Transformers	7.9	2007- 2009	Internally generated funds	0.0	7.9	Allocation to procure and install a second 100MVA Transformer at Penal.
- Pt. Cumana	1.4	2007 -2009	Internally generated funds	0.0	1.4	Purchase and Installation of transformers.
- Brighton	3.6	2007 -2009	Internally generated funds	3.6	0.0	COMPLETED.
- St. Augustine	4.3	2006 - 2010	Internally generated funds	0.0	3.4	Total expenditure to date is \$0.97Mn.
- Brechin Castle	1.4	2007 - 2010	Internally generated funds	1.2	0.0	COMPLETED.
- Central	1.2	2007 - 2010	Internally generated funds	1.2	0.0	COMPLETED.
Upgrades of 12kV Network						
- Down the Islands (Submarine)	5.0	2007 -2009	Internally generated funds	0.0	5.0	Purchase and installation of infrastructure materials.
- Brighton	1.7	2007 -2009	Internally generated funds	0.0	1.7	Purchase and installation of infrastructure materials.
- L'Anse Fourmi	1.0	2007 -2009	Internally generated funds	0.0	1.0	Purchase and installation of infrastructure materials.
- Scarborough (U/G)	1.8	2007 -2009	Internally generated funds	0.0	1.5	Total expenditure to date on this project is \$1.5Mn.
- Trinicity	1.5	2007 -2009	Internally generated funds	0.0	1.5	Purchase and installation of infrastructure materials.
- Maracas / St Joseph	1.2	2007 -2009	Internally generated funds	0.0	1.2	Purchase and installation of infrastructure materials.
- Malabar	1.4	2007 -2009	Internally generated funds	0.0	1.4	Purchase and installation of infrastructure materials.
- Valencia (U/G)	2.0	2007 -2009	Internally generated funds	0.0	2.0	Purchase and installation of infrastructure materials.

Projects & Programmes	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$Mn	Projected Expenditure 2009-2010 TT\$Mn	Details of Activity 2010
- Brechin Castle	1.2	2007 -2009	Internally generated funds	0.0	1.2	Purchase and installation of infrastructure materials.
Additional Projects						
Temporary offices for Transmission Maintenance Department	2.3	2007	Internally generated funds	2.3	0.0	COMPLETED.
Purchase of seven (7) 4x4 Pick Up Vehicles	1.5	2006 - 2009	Internally generated funds	0.4	1.1	(2) vehicles at a cost of \$1.1Mn were procured for field personnel.
Pole Replacement in all Distribution Areas	61.7	2006 - 2010	Internally generated funds	20.0	20.0	Total expenditure to date on this project is \$40.0Mn.
Land Acquisition						
- Freeport	1.2	2007 -2009	Internally generated funds	0.0	1.2	Payment to customer for land needed for electricity transmission usage.
- Chaguanas West	1.0	2007 -2009	Internally generated funds	0.0	1.0	Payment to customer for land needed for electricity transmission usage.
Software Acquisition GIS, GPS & AMR in all Distribution Areas	17.6	2006 - 2009	Internally generated funds	1.0	16.6	Purchase and installation of software.
Voltage Correction in all Distribution Areas	23.7	2007 -2009	Internally generated funds	10.0	13.7	Purchase and installation of equipment and infrastructure.
Overhead line upgrade	40.0	2006 -2009	Internally generated funds	12.0	0.0	Project ongoing. Total expenditure to date is \$34.0Mn.
Automation of the distribution system and installation of remote switches	21.0	2005 - 2009	Internally generated funds	1.0	20.0	Consultant selected. Tenders being invited for the project.
Establishment of the Charleville 66kV Substation	12.0	2005 - 2009	Internally generated funds	3.5	0.0	Land acquired and construction commenced
Upgrade network to increase reliability of supply to Nu-Iron and other 132kV customers	0.6	2005 - 2007	Internally generated funds	0.6	0.0	Line was constructed.
Upgrade of aging infrastructure	10.1	2006-2009	Internally generated funds	0.1	0.0	Project ongoing. Total Expenditure to date is \$8.0Mn
Implementation of an ISO9000 Quality Management System	1.0	2005 - 2007	Internally generated funds	0.4	0.6	Achieve ISO 9001 Certification for Distribution South.
Substation Load Monitoring and Load Research Programme.	7.8	2006 - 2010	Internally generated funds	0.0	0.0	Total Expenditure to date on this project is \$4.6Mn.
Upgrade and expansion of the supervisory control and data acquisition system	18.0	2006 - 2010	Internally generated funds	0.0	0.0	Total Expenditure to date on this project is \$2.2Mn.

Projects & Programmes	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$Mn	Projected Expenditure 2009-2010 TT\$Mn	Details of Activity 2010
Installation of a trunk radio network	1.0	2006 -2009	Internally generated funds	0.0	0.0	Developed specifications, awarded contract and commenced equipment installation.
Purchase of Hydraulic and large Tools	2.4	2006 - 2010	Internally generated funds	0.4	0.0	Total Expenditure to date on this project is \$1.6Mn.
Distribution Upgrade	23.3	2006 - 2010	Internally generated funds	2.8	0.0	Total Expenditure to date on this project is \$5.5Mn.
Establishment of Power Station						
Establish Cove Power Station	485.0	2007 - 2010	Government Guaranteed Loan	0.3	296.2	Total Expenditure to date on this project is \$86.6Mn.
Purchase Spares for Tobago Power Station	2.7	2006 - 2009	Internally generated funds	0.1	0.2	Total Expenditure to date on this project is \$2.4Mn.
Total - Electricity	1,407.5			320.7	595.3	
Tourism						
Evolving Technologies And Enterprise Development Company Of Trinidad And Tobago Limited (eTeck)						
Hilton Trinidad Hotel Renovation & Improvement	674.7	2005-2010	Mix of commercial loans and Government	166.5	175.9	Phase 3 includes the renovation of the North Wing which includes 174 guest rooms corridor and lift lobbies. A contract was awarded for the renovations. The Main Bridge kitchen is being procured and cleared. Contractors have been awarded for the kitchen, critical infrastructure, and IT for phase 2a.
Total - eTeck	484.0			166.5	175.9	
Urban Development Corporation Of Trinidad And Tobago (UDeCOTT)						
POS International Waterfront Complex	2,873.0	2005 - 2009	Commercial Bank	98.9	0.0	The project includes two (2) 26-storey office towers at 885,000 sq. ft. combined, a 22-storey, 409,000 sq. ft. 428-room Hyatt Regency Hotel, retail spaces, a 7-storey car park with accommodation for 1,200 vehicles, an auditorium and performing arts theatre and a well-landscaped park designed for relaxation and enjoyment of the vast views from the waterfront.
Academy for the Performing Arts - North	517.6	2007 - 2010	Loan from Republic of China / IDf	303.7	0.0	The scope of the project includes a modern building 100 feet tall enhancing the state-of-the-art acoustics and offering an inspirational setting for the enjoyment and training of the performance arts.

Projects & Programmes	Estimated Total Cost of Project TT\$m	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$m	Projected Expenditure 2009-2010 TT\$m	Details of Activity 2010
Academy for the Performing Arts - South	310.0	2007 - 2010	Loan from Republic of China / IDf	111.3	0.0	The scope of the project includes 110,093.3 square feet facility and will feature an acoustically designed performance theatre, two (2) practice halls, performing arts teaching facility, high-tech audio visual equipment, parking facilities, landscaped surroundings, adequate seating capacity and modern fire detection and security systems.
Construction of the National Carnival Entertainment Centre	50.0	2008 - 2010	Commercial Bank	1.3	1.2	This project is a cultural arts facility which will enhance the traditional Carnival activities as well as the traditional site of the Grand and North Stands of the Queen's Park Savannah. The sum of \$46.5 million was expended to date.
Construction of the Brian Lara Stadium	716.9	2005 - 2010	Commercial Bank	31.8	31.8	This academy is envisaged to be the focal point for the development of world class cricketers and offer patrons a platform for viewing matches as well as a facility that will define the cultivation of future cricket giants. The sum of \$685.1 million was expended to date.
Refurbishment Works:						
- Stollmeyer's Castle	23.4	2008 - 2010	Commercial Bank	3.6	0.0	This project is to upgrade the building for usage as a 'Protocol House' for visiting dignitaries. Expenditure to date is \$19.8 million.
- Mille Fleurs	11.8	2008 - 2010	Commercial Bank	2.0	0.0	This project involves the restoration of the external structures of this historical building to its original magnificence. \$9.8 million was expended to date.
- Naparima Bowl	5.0	2008 - 2010	Commercial Bank	0.1	0.0	This performing arts facility is located in the city of San Fernando and will enhance the cultural stock of the city. The sum of \$1.2 million was expended to date.
- The Red House (Parliament Building)	90.0	2007 - 2010	Commercial Bank	15.7	7.3	This structure was to be refurbished for use as the office of the Prime Minister as well as a number of public areas including a Museum of Legislative History and a Museum of executive History. The sum of \$67.0 million was expended to date.
- Scarborough Esplanade	15.0	2008 - 2010	Commercial Bank	0.0	0.1	This Esplanade comprises sixteen (16) single storied vendors' units, a pavilion, toilet facilities, as well as coastal protection works along Milford Road, Scarborough between Sangster Hill Road and Steel River. The sum of \$11.2 million was expended to date. The sum of \$36.678.00 was expended in 2009.
Port of Spain WaterFront Redevelopment & Implementation	16.0	2008 - 2009	Commercial Bank	15.2	0.0	This involves transforming the western shoreline into a majestic, modern coastal facility. This project commenced in fiscal 2009.

Projects & Programmes	Estimated Total Cost of Project TT\$m	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$m	Projected Expenditure 2009-2010 TT\$m	Details of Activity 2010
Invaders Bay	46.4	2004 - 2009	Commercial Bank	0.5	0.0	This project involves reclamation of land from the Gulf of Paria in North Western Trinidad. The project is in the post construction stage. Expenditure to date is \$47.5 million.
Total - UDeCOTT	4,675.1			584.3	40.4	
Total - Tourism	5,159.1			750.7	216.3	
Transport & Communication						
National Helicopter Services Limited (NHSL)						
Acquisition of (1) S76C++ Medium Twin helicopter	72.5	2008 - 2009	Commercial Bank	72.5	0.0	COMPLETED.
Purchase of (1) S76C++ Helicopter	75.0	2009 - 2010	Commercial Bank	0.0	75.0	This purchase will enhance the fleet. This project is estimated to be completed by March 2010.
Galeota Helipport	10.0	2007 - 2010	Commercial Bank	0.1	9.9	This project is to be completed by August 2010.
New Camden Passenger Terminal	10.0	2007 - 2010	Commercial Bank	0.1	9.9	This project is to be completed by August 2010.
Construction of Port of Spain Helipport	4.5	2005 - 2010	Commercial Bank	4.4	0.0	COMPLETED.
Total - NHSL	172.0			77.1	94.8	
Port Authority Of Trinidad And Tobago (PATT)						
Acquisition of a Reach Stacker Crane	3.4	2007 - 2008	Internally generated funds	3.4	0.0	PATT continued its drive for an improved and efficient service by completing the purchase of a Reach StackerCrane and a Ship to Shore Crane. The Crane is being constructed in China and will be shipped and erected at the Port of Port of Spain when completed. COMPLETED.
Acquisition of a Ship to Shore Crane	59.0	2006 - 2008	Government Bond	0.0	59.0	The Crane is being constructed in China and will be shipped and erected at the Port of Port of Spain when completed.
807 Upgrade of the facilities of G.S.S.	76.9	2007-2008	Government Funding	1.2	0.0	This project was expanded to include the refurbishment of Scarborough Terminal Building and to restructure internal design to accommodate increased demand in passengers. Along with the design of a new land infrastructure for GSS booth in Port of Spain and Scarborough. The estimated cost of this project was revised to \$76.9 million. For fiscal 2009, the sum of \$1.2 million was expended, however due to the change in scope, this project is now being funded by Government.
Total - PATT	139.3			4.6	59.0	

Projects & Programmes	Estimated Total Cost of Project TT\$m	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$m	Projected Expenditure 2009-2010 TT\$m	Details of Activity 2010
Communication						
Telecommunications Services Of Trinidad And Tobago Limited (TSTT)						
Broadband	170.0	2009-2010	Internally generated funds	162.8	7.2	TSTT proposes to continue deployment of wired and wireless Broadband solutions directed towards upgrade of the international capacity and deployment of modems. Investments will also be made on service improvements, quality control tools mechanism and tools.
Fixed and Carrier Services	40.5	2009-2010	Internally generated funds	18.0	22.5	TSTT will complete a range of projects including VOIP and continue DLC cutovers, Fibre to Node (FTN) deployment and Line and Customer Premises Equipment (CPE) installation and rollout.
Mobile Services	148.8	2009-2010	Internally generated funds	75.0	73.8	Plans are geared towards assuring continued coverage improvements across both islands, improved back up power systems, software and hardware upgrades as well as facilities upgrades.
Enterprise Services	86.9	2009-2010	Internally generated funds	46.2	40.7	Proposal to continue with the rollout of WIMAX, expansion of GORTT backbone, Fibre rings deployment, PABX and data and Video conferencing.
Access Infrastructure and New Business	172.1	2009-2010	Internally generated funds	123.0	49.1	OSP Modernisation; Electronic Security Upgrades; Cabinet Access Control; IT/Technical Security; Integrated Fraud Detect. Activities planned includes Outside Plant Modernisation and Rehabilitation as well as security control.
Security	20.0	2009-2010	Internally generated funds	12.0	8.0	Proposals to gain market share in the alarm monitoring and video surveillance markets. Expenditure planned to acquire equipment for the deployment of alarm monitoring and video surveillance services as well as facilities upgrades.
Technology	200.0	2009-2010	Internally generated funds	95.0	105.0	Focus towards the automation of front and / front office processes as well as deployment of an Enterprise Reporting Platform to Network Transport Sync/Resiliency and Simplification.
Other Projects	55.0	2009-2010	Internally generated funds	19.0	36.0	Rationalisation of Regulatory and Asser; Finance; HR & Administration; Marketing; Customer Services as well as People Soft upgrade.
Total- TSTT	893.3			551.0	342.3	
Total - Transport & Communication	1,204.6			632.7	496.1	

Projects & Programmes	Estimated Total Cost of Project TT\$m	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$m	Projected Expenditure 2009-2010 TT\$m	Details of Activity 2010
Social Infrastructure						
Education & Training						
National Maintenance Training And Security Company Limited (MTS)						
SEMP Phase II	569.0	2002 - 2009	Unit Trust Corporation of Trinidad and Tobago	90.1	0.0	MTS is currently implementing repairs and upgrades in two hundred and eight (208) schools at an estimated cost of \$51.8 million. These upgrades are targeted for completion in 2009. MTS continued implementation of Phase I Additional Blocks Programme which involves the construction of additional block in Matura High School. In addition, the company is continuing the implementation of its Phase II School Construction Programme which involves repairs to defects and construction of pre-engineered rooms in eight (8) completed schools at a cost of \$38.3 million.
Total - Education & Training	569.0			90.1	0.0	
Housing & Settlements						
Urban Development Corporation Of Trinidad And Tobago (UDeCOTT)						
PROJECTS (Housing)						
Canaan Road La Romaine	19.9	2006 - 2010	Commercial Bank	0.0	15.8	Construction.
Valsayn Real Spring	161.0	2005 - 2010	Commercial Bank	5.6	13.5	Construction/Completion
Blenheim Housing Development Project (Tobago)	15.0	2009 - 2011	Commercial Bank	0.2	0.3	UDeCOTT is continuing work on 80 land lots in Blenheim and to date has expended the sum of \$11.2 million. This project is 35% completed.
Castara Housing Development Project (Tobago)	20.0	2009 - 2011	Commercial Bank	14.9	5.1	The company is developing 54 land lots in Castara and to date has expended the sum of \$14.9 million.
Total - UDeCOTT	180.9			5.6	29.3	
Trinidad And Tobago Housing Development Corporation (HDC)						
A total of 9,240 housing units will be constructed under the Accelerated Housing Programme and the Urban Development Programme as follows:						
Greenvale, La Horqueta	270.0	2004 - 2010	Third Tranche of the Fixed Rate Bond	0.0	0.0	The estimated cost of this project is \$270.0 million. Phase A consists of 199 units, Phase B, 217 units and Phase C, 239 units of duplex and single family units.

Projects & Programmes	Estimated Total Cost of Project TT\$m	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$m	Projected Expenditure 2009-2010 TT\$m	Details of Activity 2010
Cleaver Woods, Arima	149.2	2004 - 2010	Third Tranche of the Fixed Rate Bond	0.0	0.0	The estimated cost of this project was revised from \$143.0 million to \$149.2 million. Phase I and II have been completed, work for the Phase 3 is on going which includes 408 housing units.
Carlsen Field Phase 2	53.4	2004 - 2010	Third Tranche of the Fixed Rate Bond	0.0	0.0	Construction of 250 SFUs ongoing.
Carlsen Field Phase 3B	76.7	2007-2010	Third Tranche of the Fixed Rate Bond	0.0	0.0	The scope of this project has changed to the construction of 190 Townhouse and Single Family Units. The revised cost is estimated at \$76.7 million
Edinburgh South	366.1	2005 - 2010	Third Tranche of the Fixed Rate Bond	0.0	0.0	Construction of 1,410 units. Infrastructure in place and works are in progress. Phase 1 for 311 units was completed.
Corinth, San Fernando	398.4	2005 - 2010	Third Tranche of the Fixed Rate Bond	0.0	0.0	This project includes the construction of approximately 748 units estimated at a revised cost of \$398.4 million. Phase 1 comprising 238 units was completed. Phase 2 was split and now comprises 231 single family units, town houses, apartments and Phase 3 comprises 279 single family and townhouse units. These projects are ongoing.
Harmony Hall, San Fernando	102.0	2004 - 2010	Third Tranche of the Fixed Rate Bond	0.0	0.0	This project was revised from the construction of 160 units to 152 units at a revised cost of \$102 million. Work is continuing on this project.
Retrench, San Fernando	110.7	2006 - 2010	Third Tranche of the Fixed Rate Bond	0.0	0.0	Construction of 240 units which was revised to 202 units comprising of townhouses and apartments and SFU estimated at \$110.7 million. Single family units completed. Work is continuing on this project.
Golconda, San Fernando	195.1	2005 - 2010	Third Tranche of the Fixed Rate Bond	0.0	0.0	This project was revised and involves the construction of 415 units estimated at \$195.1 million. Phase I included 210 units and was completed and works on Phase 2 which comprises 205 housing units including single family units, duplexes and town houses.
Wellington Road, Debe	106.4	2006 - 2010	Third Tranche of the Fixed Rate Bond	0.0	0.0	This project was expanded from the construction of 160 units to 280 single family units. The revised cost is \$106.4 million. Work is continuing on this project.
Edinburgh 500 Apartments	100.0	2005 - 2010	Third Tranche of the Fixed Rate Bond	0.0	0.0	Foundation completed, steel fabricated, plumbing and electrical works in progress.
Victoria Keys, Diego Martin	135.9	2006 - 2010	Third Tranche of the Fixed Rate Bond	0.0	0.0	Construction of 238 apartments. Works are in progress.

Projects & Programmes	Estimated Total Cost of Project TT\$m	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$m	Projected Expenditure 2009-2010 TT\$m	Details of Activity 2010
Four Roads, Diego Martin	62.6	2006 - 2010	Third Tranche of the Fixed Rate Bond	0.0	0.0	This project was revised and now involves the construction of 96 apartments at an estimated cost of \$62.6 million.
Mr. Hope - Pioneer Drive	50.0	2006 - 2010	Third Tranche of the Fixed Rate Bond	0.0	0.0	This project involved the construction of 60, three (3) bedroom town houses and was revised to 36 units. The revised cost is \$50.0 million.
Farm Road, Curepe Phase 3	276.0	2006 - 2010	Third Tranche of the Fixed Rate Bond	0.0	0.0	238 apartments, consisting of four (4) seven storey buildings. Work in progress. Phases I & II were completed.
Fidelis Heights	94.2	2004 - 2009	Third Tranche of the Fixed rate Bond	51.8	0.0	COMPLETED.
Vieux Fort	100.0	2006 - 2010	Third Tranche of the Fixed rate Bond	48.0	0.0	This project was revised and involves the construction of 100 apartment units at a revised cost of \$100.0
Fairfield and Broomage Housing Development	1,230.0	2010 - 2017	IDF/ Internally Generated Funds	0.0	0.0	This project will yield 2,500 units and will comprise a mix of single family, duplex, townhouse and apartment units. The duration is approximately seventy-five (75) months. The project is due to commence in fiscal 2010
Eastbridge Housing Development	221.4	2010 - 2013	IDF/ Internally Generated Funds	0.0	0.0	The project will yield 450 apartment units and is due to commence in fiscal 2010.
Pineapple Smith Housing Development	196.8	2010 - 2013	IDF/ Internally Generated Funds	0.0	0.0	This project is expected to yield 400 units
Enterprise Phase 2 Housing Development	984.0	2010 - 2016	IDF/ Internally Generated Funds	0.0	0.0	This project is expected to yield 2,000 units and will comprise a mix of single family, duplex, townhouse and apartment units.
Cocorite Housing Development	47.2	2010 - 2011	IDF/ Internally Generated Funds	0.0	0.0	This project is expected to yield 96 apartment units
Belmont Housing Development	47.2	2010 - 2011	IDF/ Internally Generated Funds	0.0	0.0	This project is expected to yield 96 units and will comprise a mix of single family, duplex, townhouse and apartment units.
Courland Housing Development – Plymouth, Tobago	147.6	2010 - 2012	IDF/ Internally Generated Funds	0.0	0.0	This project is expected to yield 300 units and will comprise a mix of single family, duplex, townhouse and apartment units.
Maracas St. Joseph Phase 2	49.2	2010 - 2011	IDF/ Internally Generated Funds	0.0	0.0	This project is expected to yield 100 units comprising a mix of single townhouse units
Union Hall Housing Development	246.0	2010 - 2013	IDF/ Internally Generated Funds	0.0	0.0	This project is expected to yield 500 units and will comprise a mix of single family, duplex, townhouse and apartment units.

Projects & Programmes	Estimated Total Cost of Project TT\$m	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$m	Projected Expenditure 2009-2010 TT\$m	Details of Activity 2010
Twilrite Housing Development	98.4	2010 - 2013	IDF/ Internally Generated Funds	0.0	0.0	This project is expected to yield 200 units comprising a mix of single townhouse units
Mayaro Housing Development	98.4	2010 - 2013	IDF/ Internally Generated Funds	0.0	0.0	This project is expected to yield 200 units comprising a mix of single townhouse units
Guayaguayare Housing Development	29.5	2010 - 2011	IDF/ Internally Generated Funds	0.0	0.0	This project is expected to yield 60 single family units.
Exchange 2 Housing Development - Couva	29.5	2010 - 2011	IDF/ Internally Generated Funds	0.0	0.0	This project is expected to yield 60 single family, duplex and townhouse units.
Curepe Housing Development	98.4	2010 - 2013	IDF/ Internally Generated Funds	0.0	0.0	This project is expected to yield 200 units and will comprise a mix of single family, duplex, townhouse and apartment units.
Oropune Housing Development	1,022.4	2010 - 2016	IDF/ Internally Generated Funds	0.0	0.0	This project is expected to yield 2,078 units and will comprise a mix of single family, duplex, townhouse and apartment units.
Total - HDC	6,922.6			0.0	0.0	
National Insurance Property Development Company Limited (NIPDEC)						
National Security Construction Programme	700.0	2006 - 2010	NIPDEC Bonds	4.5	0.0	Projects have been transferred to UDeCOTT excluding five (5) Police stations which were under construction and nearing completion Belmont, Tunapuna, Toco, Gasparillo and Mayaro.
Construction of Retaining Walls	66.0	2009 - 2010	Fixed Rate Bond	30.0	36.0	To prevent landslips the company has allocated an amount of \$30.0 million for 2009. The company has allocated the sum of \$36.0 million for 2010 for this project.
Rehabilitation of Roads	525.0	2009 - 2010	Fixed Rate Bond	100.0	425.0	Rehabilitation of roads. An amount of \$100.0 million is provided for 2009 and \$425.0 million for 2010.
Traffic Management Measures	460.0	2009 - 2010	Fixed Rate Bond	103.0	357.0	Traffic management measures which includes highway extensions, construction of additional lanes and walkovers. An amount of \$103.0 Mn is provided for 2009 is \$103.0 million and \$357.0 million is provided for 2010
Construction of alternative access routes	16.0	2009 - 2010	Commercial Bank	0.0	16.0	Construction of alternative access routes to include link roads at an estimated cost of \$16.0 million. The project is scheduled for completion by 2010.
The relocation of the Ministry of Works and Transport Mechanical Unit	37.7	2009 - 2010	Commercial Bank	0.0	37.7	The relocation of the Ministry of Works and Transport Mechanical Unit to Frederick Settlement, Caroni atan estimated cost of \$37.7 million. This project is scheduled for completion by January 2010.
Total - NIPDEC	1,804.7			237.5	871.7	
Total - Housing & Settlements	15,650.0			237.5	871.7	

Projects & Programmes	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$Mn	Projected Expenditure 2009-2010 TT\$Mn	Details of Activity 2010
Administration						
Public Order & Safety						
Airports Authority of Trinidad and Tobago (AATT)						
Piarco International Airport Runway Overlay	218.0	2006 - 2010	Loan under ADP Fund	0.0	0.0	This project involved the completion of hot mix asphalt paving (HMA) on the eastern end of the Piarco International Airport Runway, at an estimated cost of \$218.0 million. This phase of the project was completed.
Infrastructure Airport Hotel Site	105.0	2008 - 2010	Commercial Bank	0.0	105.0	This entails the development of roads, drainage and utilities to service the commercial development of the Airport Estate and facilitate the construction of an Airport hotel and a meteorological complex estimated at \$105.0 million. Road works will be undertaken in fiscal 2010.
Airport Fire Fighting Facilities	34.0	2008 - 2010	PSIP/IDF	0.0	0.0	This project was transferred to PSIP.
Feasibility Study on Piarco Airport Aviation Estate Development	3.0	2007 - 2010	USTDA Grant - 80% simat, Helliesent & liechaner - 20%	0.0	3.0	Grant Agreement to be executed.
Crown Point Airport Expansion and Modification-Design and construction of Ramp and Terminal facilities at Crown Point Airport	100.0	2007 - 2009	Commercial Bank	2.1	0.0	These facilities will cater for the international and domestic passengers. The project includes the purchase of pre-fab building, foundation works and the inclusion of plumbing, electrical facilities and erection of the pre-fab building. For fiscal 2009 the sum of \$2.1 million was spent and the project is due for completion by September 2009.
Construction of a Sewer Treatment Plant	11.0	2009 - 2010	Commercial Bank	0.0	11.0	This Plant will replace the present sewer treatment plant located at Crown Point International Airport. The project is expected to be completed during fiscal 2010.
Installation of a FEC System	64.0	2009 - 2010	Commercial Bank	0.0	30.0	This system will replace the current airfield lighting control and monitoring system which is obsolete. The duration of this project is fifteen months and will commence in fiscal 2010.
The continuation of its Runway Rehabilitation Works	130.0	2009 - 2010	Commercial Bank	0.0	130.0	This involves the design and construction of a runway overlay, including cold milling and placement of a hot mix asphalt overlay. For fiscal 2010, the sum of \$130.0 million was allocated to this project and the duration is estimated to be six (6) months.

Projects & Programmes	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$Mn	Projected Expenditure 2009-2010 TT\$Mn	Details of Activity 2010
Infrastructure Airport Hotel Site	45.0	2009 - 2010	Commercial Bank	0.0	45.0	The construction of the basic road infrastructure to facilitate the development of acreage to service the Airport Hotel and Meteorological Service building at an estimated cost of \$45.0 million. The duration of this project is estimated to be eight (8) months.
Repairs to Perimeter Road and Fenceline.	5.5	2009-2010	Commercial Bank	0.0	5.5	This project involves replacing existing fence line at CPIA and repairs to Perimeter Road to ensure safety of the airport premises. The project is estimated to cost \$5.5 million and its duration is three (3) months. The project will be funded through loan financing.
Total - AAIT	715.5			2.1	329.5	
Total - Public Order & Safety	715.5			2.1	329.5	
Public Administration						
Urban Development Corporation Of Trinidad And Tobago (UDeCOTT)						
PROJECTS (Gov't Accommodation)						
Government Campus Plaza - project includes: • a 10-storey Customs & Excise headquarters Building; • a 22-storey Board of Inland Revenue Tower; • a 22-storey Legal Affairs Tower; • a 9-storey Ministry of Social Development Building; and • a 6-storey Government Campus Plaza Parkade	2,652.9	2004 - 2009 2004 - 2009 2004 - 2009 2005 - 2009 2005 - 2009	Commercial Bank	193.5	0.0	The entire Government Campus is at post-construction stage.
New office accommodation for the Ministry of Public Administration	120.3	2004 - 2009	Commercial Bank	3.5	16.2	The project is in the post construction stage.
Ministry of Education (formerly Social Development Tower)	611.1	2005 - 2009	Commercial Bank	96.4	0.0	A state-of-the-art glass and steel structure providing sixteen (16) floors of modern, user-friendly facilities for staff and members of the public. Two (2) buildings are under construction on the site: a sixteen (16) storey, 237,370 sq. ft. office tower; and a five (5) storey, 35,420 sq. ft. secondary building. The estimated cost of the project is \$611.1 million. The project commenced in 2005 and is scheduled for completion in 2009.
Ministry of Energy and Energy Industries	65.0	2005 - 2009	Commercial Bank	0.0	0.0	This project involves construction of an office building to include a main building, auditorium, cafeteria and raised car park at an estimated cost of \$65.0 million.

Projects & Programmes	Estimated Total Cost of Project TT\$m	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$m	Projected Expenditure 2009-2010 TT\$m	Details of Activity 2010
Ministry of Health Headquarters	90.0	2005 - 2009	Commercial Bank	0.0	0.0	Construction of a Ministry of Health Headquarters at an estimated cost of \$90.0 million. The building will incorporate a Conference Centre, Auditorium, Cafeteria and Gymnasium for staff use.
Chancery Lane Administration Complex	648.3	2005 - 2010	Commercial Bank	235.7	282.8	The complex encompasses 300,000 sq. ft. of complex and will include a 50,000 square foot two (2) storey public library, three storeys of retail space, which include shopping areas and a food court facility a shopping concourse, a craft market and a three storey car parking facility and facilities for the disabled, including access ramps and washrooms. Expenditure to date on this project is \$365.5 million.
Scarborough Financial Complex	176.2	2005 - 2010	Commercial Bank	5.0	10.0	This project encompasses a 80,000 square feet complex and will offer convenient access to a variety of services and departments under the Tobago House of Assembly. The complex will include parking facilities, a link bridge to the Scarborough Transit Hub's multi-storey parking facility, a loading bay for deliveries, wiring for internet and cable services, conference and lecture facilities, recreational facilities; and storage areas. The estimated cost of the project is \$89.7 million but was revised to \$176.2 Mn. Expenditure to date was \$20.6 million.
Scarborough Regional Library	97.7	2005 - 2010	Commercial Bank	42.9	5.4	The Scarborough Regional Library will be a 20,780 square feet, tri-level structure, designed to provide a state-of-the-art environment conducive to learning. For fiscal 2009, an amount of \$38.6 million is allocated to conduct complete construction and fitting out works. Expenditure to date was \$49.4 million.
Relocation of the Port of Port of Spain	20.0	2008 - 2010	Commercial Bank	5.5	14.5	This project includes dredging works and widening of the existing channel in the east Sealots core area and there location of the Tobago Ferry System, the Cruise Ship terminal and the Caricom jetty.
Chaguanas Regional Corporation Complex	50.0	2007 - 2010	Commercial Bank	31.9	8.6	This project also includes on site parking for 127 vehicles, a day care centre, electrical kiosk and a sewage treatment plant.
Arima Regional Corporation	50.0	2009 - 2011	Commercial Bank	2.2	2.5	This project is engineered to take into account the expanded responsibilities of Local Government bodies and to increase comfort, service and efficiency to the people of the Borough. Total expended to date is \$5.7 million.

Projects & Programmes	Estimated Total Cost of Project TT\$Mn	Start Date and Duration of Project	Financing Arrangements	Expenditure October 2008 to September 2009 TT\$Mn	Projected Expenditure 2009-2010 TT\$Mn	Details of Activity 2010
Diego Martin Corporation	50.0	2009 - 2011	Commercial Bank	4.4	4.0	This new Administrative Headquarters will provide centralised local government services to the residents. The sum of \$8.0 million was expended to date.
Total - UDeCOTT	4,461.3			577.0	314.4	
Total Public Administration	4,461.3			577.0	314.4	
TOTAL SUPPLEMENTARY PSIP	54,573.4			6,508.2	7,950.1	

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SUPPLEMENTARY PUBLIC SECTOR INVESTMENT PROGRAMME 2010 FEEDBACK FORM

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Social Sector Investment Programme (SSIP)	Ministry of Social Development	Monitoring and Evaluation Division, Ministry of Social Development, 69 Independence Square, Port of Spain Email: med@msd.gov.tt