



# Federated States of Micronesia INFRASTRUCTURE DEVELOPMENT PLAN FY2016-FY2025

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Volume 2:

National Infrastructure Development Plan FY2016-FY2025

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This Federated States of Micronesia Infrastructure Development Plan FY2016-FY2025 comprises the following parts:

**Introduction**

**Volume 1 Plan Outline**

**Annexes**

**Volume 2 National Infrastructure Development Plan**

**Volume 3 Chuuk State Infrastructure Development Plan**

**Volume 4 Kosrae State Infrastructure Development Plan**

**Volume 5 Pohnpei State Infrastructure Development Plan**

**Volume 6 Yap State Infrastructure Development Plan**

The following Federated States of Micronesia Infrastructure Development Plan FY2016-FY2025 documents are available:

**Federated States of Micronesia Infrastructure Development Plan FY2016-FY2025** (all parts)

**FSM Infrastructure Development Plan FY2016-FY2025 Outline** (Introduction, Volume 1 & Annexes)

**National Infrastructure Development Plan FY2016-FY2025** (Volume 2)

**Chuuk State Infrastructure Development Plan FY2016-FY2025** (Volume 3)

**Kosrae State Infrastructure Development Plan FY2016-FY2025** (Volume 4)

**Pohnpei State Infrastructure Development Plan FY2016-FY2025** (Volume 5)

**Yap State Infrastructure Development Plan FY2016-FY2025** (Volume 6)

**FSM Infrastructure Development Plan FY2016-FY2025 Summary** (abbreviated outline and listings of projects)

# Volume 2 National Infrastructure Development Plan

## Foreword by the Secretary for Transportation, Communication and Infrastructure

On behalf of my Department and our national infrastructure partners, FSMTC and College of Micronesia, I am pleased to present this National Infrastructure Development Plan for the period FY2016 – FY2025.

For the first time the FSM’s Infrastructure Development Plan includes a consolidated view of the projects that national agencies will undertake, not only to support National Government functions but importantly to improve telecommunications and education infrastructure across the whole of FSM. In parallel with the physical infrastructure projects in the Plan my Department will continue to improve maritime and aviation safety and security with our US and regional partners.



The Plan will improve National Government facilities in Palikir and establish the Micronesia Village in Kolonia. The Micronesia Village will provide a real focus for FSM’s role in regional affairs by bringing together the North Pacific office of the Secretariat of the Pacific Communities with the offices of other regional, developmental and non-government organizations.

Video conferencing facilities will be provided for the Executive, Legislature and Judiciary in each State and at Palikir, improving communication and coordination between governments and reducing the time that officials spend off-island. Also, the Office of Environment and Emergency Management will implement an Emergency Warning System that can alert communities across FSM of emergency and disaster situations 24/7.

FSMTC will continue to roll out the latest communications technology with plans to bring 3G and 4G cellular services to the whole of FSM through an expanded cellular network. The availability of broadband internet services will also improve, particularly as improved connections to the international network become available in Chuuk, Kosrae and Yap.

The College of Micronesia will undertake a comprehensive infrastructure development program over the next 10 years to ensure its facilities continue to support FSM’s post-secondary education needs.

I commend this National Infrastructure Development Plan to you as DTCl and its national agency partners begin the task of delivering the Plan’s important infrastructure improvements.

A handwritten signature in black ink, appearing to read 'L. Weilbacher'.

Lukner Weilbacher

Secretary, Transportation, Communication and Infrastructure

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## Part 1 Introduction

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This Volume 2 of the IDP is known as the **National Infrastructure Development Plan FY2016 to FY2025** (the National IDP).

The National IDP includes the priority infrastructure investments for the National Government for the next 10 years identified by the relevant sector managers. The projects have been prioritized according to three periods; Period 1, FY2016 to FY2019 (during which the Amended Compact arrears are intended to be fully appropriated), Period 2, FY2020 to FY2022, and Period 3, FY2023 to FY2025.

The sector manager group assessed the contribution of each priority project to the IDP strategic objectives (Volume 1, section 2.2.2) to provide a Strategic Rating out of 10. Although strategic ratings are not comparable between projects and sectors due to variations in the scope of projects and inherent sector factors (and cannot be used to prioritize projects), the rating process has nonetheless confirmed that the priority projects each make a strong contribution to relevant strategic objectives.

During the development process the sector managers provided information for the priority projects outlines incorporated into the National IDP (Part 4).

## Part 2 Plan Outline

### 2.1 Investment Strategy

#### 2.1.1 Available Funding

Details of the funding available from FSM’s development partners and the National Government can be found in Volume 1, Part 3 of the IDP.

The National Government receives no Amended Compact funds according to the formula set by the FSM Congress. The underpinning nature of infrastructure warrants a more even distribution of infrastructure funding so funds associated with bilateral donors, multilateral banks and climate change are not allocated on a formula-basis. An amount equal to 10 percent of these funds is included in the National IDP, however the National Government may receive a greater or lesser amount on a program or project basis.

The funding available to the National Government is 2 percent of total available IDP infrastructure funding. Table N 1 shows the allocation over the 10 years of the IDP; \$14.6 million for development and \$1.2 million for maintenance.

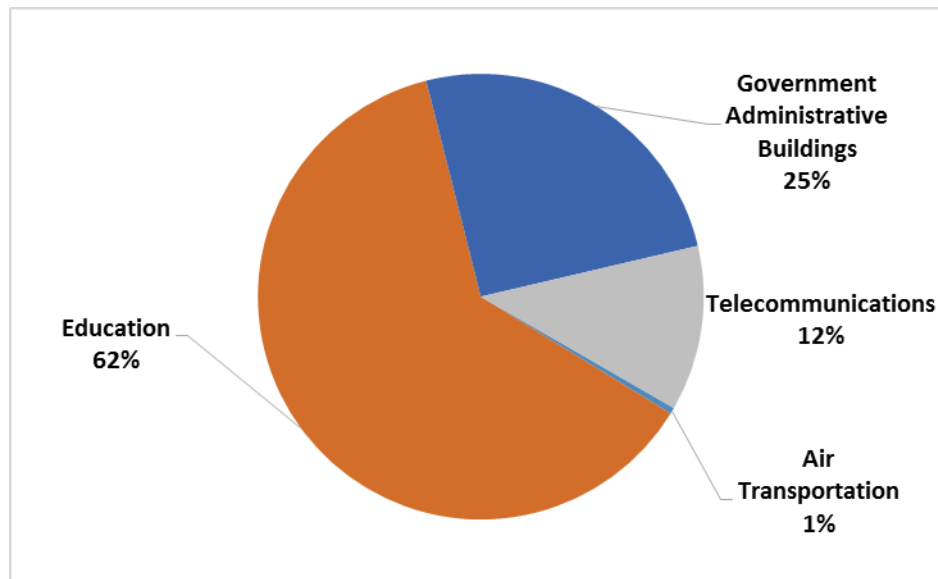
**Table N 1 – Total Available National IDP Funding**

	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025
<b>National</b>										
Development	1,786,387	3,286,387	3,286,387	3,286,387	500,000	500,000	500,000	500,000	500,000	500,000
Maintenance	364,807	364,807	214,807	214,807	-	-	-	-	-	-
<b>TOTAL</b>	<b>2,151,193</b>	<b>3,651,193</b>	<b>3,501,193</b>	<b>3,501,193</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>

#### 2.1.2 Priority Projects

The National IDP includes priority projects estimated at \$118.7 million across 4 of the 10 infrastructure sectors. The breakdown of project estimates by sector is shown in Figure N 1 and the listing of priority projects is included in Table N 2.

**Figure N 1 – National IDP Breakdown by Sector**



**Table N 2 – National IDP Priority Projects**

ID	Project Title	Required Funding (\$)	Target Period	Strategic Rating
PM/1	National Program Management Unit	7,500,000	All	N/A
AT/1	Safety Management Systems for International Airports	500,000	1	6.4
TC/1	Terrestrial Fiber Optic Extensions in Pohnpei	4,000,000	1	8.9
TC/2	Terrestrial Fiber Optic in Yap	2,500,000	2	8.9
TC/3	Mobile Telecommunications Networks Improvements	2,800,000	1	8.7
TC/4	Solar Power for Telecommunications Facilities	2,500,000	1	6.7
TC/5	Emergency/Disaster Alert System	800,000	1	6.2
TC/6	Video Conferencing Facilities for all 3 Branches	750,000	1	7.8
ED/1	COM-FIT	1,283,000	All	N/A
ED/2	All Solar projects	2,000,000	3	7.8
ED/3	National Campus Student Center and New Health Clinic	5,430,000	1	7.8
ED/4	National Campus Marine and Applied Science Building	2,100,000	1	7.3
ED/5	National Campus Track and Field & Baseball Field	3,871,000	1	7.8
ED/6	National Campus Upgrade to Gymnasium	400,000	2	7.8
ED/7	Chuuk Nantaku Campus Design (Buildings 1&2)	2,169,000	1	7.3
ED/8	Chuuk - Nantaku Campus Buildings 1&2	14,500,000	1	7.3
ED/9	Kosrae Campus Multi-Purpose Building Stage-1	5,340,000	1	7.3
ED/10	Kosrae Campus Multi-Purpose Building Stage-2	2,900,000	1	7.3
ED/11	Kosrae Campus Learning Resource Center	3,100,000	3	7.6
ED/12	Pohnpei Campus VOCED Center	5,850,000	1	7.3
ED/13	Pohnpei Campus VOCED Center-2	1,000,000	1	7.3
ED/14	Pohnpei Campus Administration and Faculty Offices	5,600,000	3	7.3
ED/15	Yap Campus VOCED Center-1	3,492,000	1	7.3
ED/16	Yap FSM-FMI Campus Infrastructure Upgrade	1,133,000	1	7.3
ED/17	Yap Campus New Learning Resource Center	4,400,000	2	7.6
ED/18	Yap FSM-FMI Campus Classroom	800,000	2	7.3
ED/19	Yap Campus New Classroom Block	2,700,000	3	7.3
ED/20	Yap FSM-FMI Campus Road and Utility Improvements	1,200,000	3	7.3
GB/1	National Government Buildings Renovations	2,272,000	1/2	5.8
GB/2	Roads & Facilities Improvements at Palikir	1,460,000	1	5.8
GB/3	New Multi-Purpose Building at Palikir	2,400,000	2	6.9
GB/4	New Two-Story Executive Building at Palikir	4,931,000	1	6.2
GB/5	Backup Power Generation at Palikir	2,063,000	1	6.7
GB/6	Conference Center (Micronesian Village Phase 1)	9,400,000	2	7.8

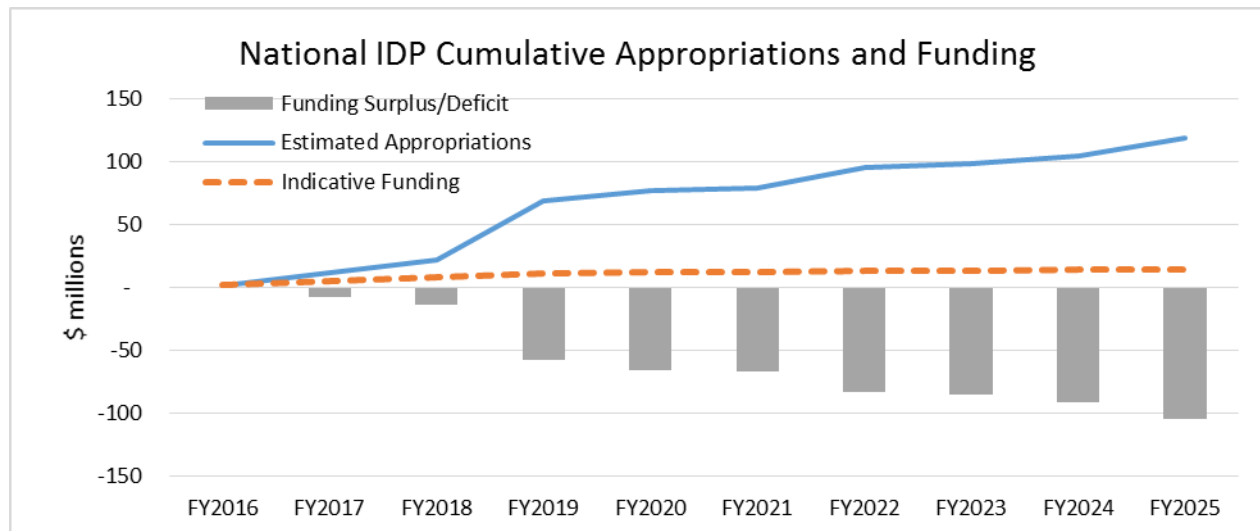
ID	Project Title	Required Funding (\$)	Target Period	Strategic Rating
GB/7	Programme Buildings (Micronesian Village Phase 2)	5,600,000	3	7.8
<b>Total Development Funding Required</b>		<b>118,744,000</b>		
MTCE	Infrastructure Maintenance	1,160,000		

### 2.1.3 Project Funding Requirements

Based on the project priorities identified during development of the National IDP, a funding appropriation covering the 10 year period has been estimated. In summary, as shown in Figure N 2, the National IDP priority projects exceed available funding by more than 700 percent.

This gives the National Government an immediate hurdle to implementing the National IDP. Notwithstanding the availability of around \$9.6 million of Amended Compact arrears, there is an indicative \$50 million gap in funding at the end of the initial four years in FY2019. This needs to be resolved prior to the planned review of the National IDP in FY2019.

**Figure N 2 – National IDP Available Funding and Estimated Appropriations**



### 2.1.4 Infrastructure Maintenance

The National Government has a total of \$1.16 million of maintenance funding available from FY2016 to FY2025. This includes \$0.43 million required to match the available Amended Compact IMF funding.

## 2.2 Management and Implementation

### 2.2.1 National Governance

DTCI is responsible for the delivery of National infrastructure. The PMU as part of DTCI will have responsibility for the coordination of program matters for the Compact Management Division.

### 2.2.2 Implementation model

#### *National program management*

The implementation model retains the PMU within DTCI but restructures the unit to focus on **Program Management**. The PMU will provide ongoing support to the DTCI to ensure standards are developed and shared, subsequent design and construction contracts are consistent with appropriate risk management



and will provide peer review expertise as required. The PMU will provide the central coordination of Amended Compact activities. In the longer term the role will be expanded to take responsibility for all aid funded infrastructure.

### ***National delivery accountabilities***

DTCI is accountable for **Project Management**, from initial planning, through design to construction completion. Projects will be delivered through existing project management groups in the COM and FSMTC. National Government infrastructure will be delivered by DTCI, supported by the Pohnpei Project Management Office.

### ***General Considerations***

The cost of the delivery activities is estimated to be between 5 and 7 percent of the National infrastructure development program which is within international benchmarks and internationally recognized as a legitimate program cost.

DTCI project management capacity requires development with the external party providing the PMO services to Pohnpei State assisting with this, as well as providing any additional resources required to deliver National infrastructure.

#### **2.2.3 Process enhancements**

All infrastructure projects require defined project management processes from scope definition through funds release, design and construction to successful completion. Best practice processes incorporate key steps, hold points, client reviews and concise and complete documentation to support such processes.

It is also good practice to release funds at two stages; initially to release funds to enable the full project design to be undertaken and then, prior to the construction procurement process commencing, the funding required for construction. This approach facilitates the orderly progress of the project while ensuring that after design there is a review of the project scope, time and cost and any changes are formally signed off before committing funds for construction.

DTCI will adopt the process developed for all infrastructure projects, as outlined in the IDP, reviewing the initial project scope, 30 percent design and the completed design with the client.

Funds will be released in two stages, initially to complete the design and then, upon design completion, for the construction of the project.

### **2.3 Institutional Projects**

The IDP (Volume 1, section 6.4) contains a number of institutional projects that will have an impact on National State infrastructure:

- asset management policy, strategy and capacity at National and State level
- a FSM Building Code
- maritime and aviation safety and security capacity

## Part 3 Infrastructure Development

### 3.1 Infrastructure Development to Date

The estimated National infrastructure development funding in the period FY2004 to FY2015 is shown in Table N 3 against the funding planned in the IDP 2004 over its whole 20 year period.

**Table N 3 – Planned and Estimated Infrastructure Development Funding**

Sector	IDP 2004 Total Funds FY2004-FY2025 (\$)	Estimated Development Funding FY2004-FY2015 (\$)¹		
		Amended Compact Grants	Estimated Other Funding	Estimated Total Funding
Electric Power			2,000,000	2,000,000
Water/Wastewater Systems				
Solid Waste Management				
Roads and Pedestrian Facilities				
Maritime Transportation			11,000,000	11,000,000
Air Transportation		276,000		276,000
Telecommunications		360,000	51,000,000	51,360,000
Education	16,000,000	390,000		390,000
Health				
Government Administrative Buildings	300,000			
<b>Total \$:</b>	<b>16,300,000</b>	<b>1,026,000</b>	<b>64,000,000</b>	<b>65,026,000</b>

**Notes:** 1. Estimated funding does not include maintenance and some project management and design costs

### 3.2 Sector Outlines and Priority Projects

#### 3.2.1 Air Transportation

As part of DTCI’s Civil Aviation Division airport oversight role and work with the FAA, the Division will coordinate the development of Safety and Security Management Systems for each international airport (project AT/1 in Table N 4) to support elements of the sector goal to provide air transportation infrastructure that:

1. provides adequate air transportation facilities and services in terms of condition, frequency, capacity, reliability and safety to enable market opportunities to be realized for all areas of the country
2. enables air carrier airports to improve safety and eliminate payload restrictions
3. improves all domestic airports to the required standards of safety

Further information on each project can be found in the Project Outlines in Part 4.

**Table N 4 – Air Transportation Priority Projects**

ID	Project Title	Required Funding (\$)	Target Period	Strategic Rating
AT/1	Safety and Security Management Systems for International Airports	500,000	1	6.4
<b>Total Funding Required</b>		<b>500,000</b>		

### 3.2.2 Telecommunications Sector

The telecommunications projects in the National IDP are listed in Table N 5 and support the sector goal to provide telecommunications systems infrastructure to:

1. achieve accessible and affordable communications for all
2. strengthen information and communications technology (ICT) human resources and increase human resource development opportunities through ICT
3. improve economic growth and sustainable development through ICT
4. utilize ICT for good governance
5. create an enabling ICT environment through policy reform and improvements in legal frameworks

Further information on each project can be found in the Project Outlines in Part 4.

#### ***FSM Telecommunications Corporation***

FSMTC is currently the sole telecommunications provider and continues to improve management, financial, technical and service delivery capacities and performance. FSMTC is proactive in leveraging external investments, particularly connections to the international fiber optic network, to bring contemporary telecommunications services and pricing to consumers.

In support of its plans to improve service delivery and accessibility FSMTC will undertake projects TC/1 through TC/4 listed in Table N 5 to:

1. double the number of cellular towers in FSM and provide 3G/4G capability across the cellular network
2. provide and extend terrestrial fiber optic services to support the availability of incoming fiber optic capacity
3. introduce renewable for FSMTC facilities to reduce costs and improve disaster resilience

#### ***Office of Environment and Emergency Management***

OEEM is responsible for ensuring that the FSM is adequately prepared for natural disasters and other emergencies. In conjunction with the States, OEEM uses a VHF/HF radio network for communication with communities.

The current radio network is generally only used during working hours so providing communities with timely warning of emergency situation at other times can be problematic. OEEM will implement project TC/5 in Table N 5 to establish a 24/7 disaster/emergency alert capability.

#### ***Department of Transportation, Communication and Infrastructure***

The Communication Division within DTCL supports the National Government's communications needs including leveraging FSM's improving broadband capacity. All branches of governments depend on effective communication across the whole of FSM that often requires being off-island for extended.

Communication Division will undertake project TC/6 in Table N 5 to establish video conferencing capabilities for each branch of each national and state government to improve the efficiency and effectiveness of government administration and communication.

**Table N 5 – Telecommunications Priority Projects**

ID	Project Title	Required Funding (\$)	Target Period	Strategic Rating
TC/1	Terrestrial Fiber Optic Extensions in Pohnpei	4,000,000	1	8.9
TC/2	Terrestrial Fiber Optic in Yap	2,500,000	2	8.9
TC/3	Mobile Telecommunications Networks Improvements	2,800,000	1	8.7
TC/4	Solar Power for Telecommunications Facilities	2,500,000	1	6.7
TC/5	Emergency/Disaster Alert System	800,000	1	6.2
TC/6	Video Conferencing Facilities for all 3 Branches	750,000	1	7.8
<b>Total Funding Required</b>		<b>13,350,000</b>		

**3.2.3 Education**

The College of Micronesia (COM) provides accredited post-secondary education from six campuses spread across all States. In response to its education infrastructure needs COM has prepared a Master Plan<sup>25</sup> identifying the necessary steps to achieve the educational and community goals/vision of the College.

The development strategy for the six COM campuses is to:

- 1. Continue with COM-FSM being located across six campus locations with:**
  - a. the state campuses providing 100 and 200 courses and providing the role of transition into degree courses generally offered at the National campus
  - b. the existing National campus strengthened as the campus where most degree courses are offered
  - c. the existing Pohnpei campus being recognized as the Career and Technical Education Center and for the efficient use of resources be the sole vocational facility for the nation
  - d. there being one campus in two locations in Pohnpei each with their own character and offering but with increased sharing between the two
- 2. Focus on sustainability of the existing campuses buildings and infrastructure by:**
  - a. identifying funding source/s for maintenance and renewals
  - b. working through the proposed maintenance recommendations to address deferred maintenance and minimize the escalation of campus building maintenance and renewal costs
  - c. reducing the maintenance cost through the removal and replacement of buildings and infrastructure that contribute to a disproportionate amount of the operating and maintenance costs
- 3. Focus on the future sustainability of the COM-FSM campuses beyond 2023 by:**
  - a. following a staged development approach for each campus broken into 5, 10 and 10 + years with plan reviews/updates at 5 year intervals to assess the impact of changes in

<sup>25</sup> (COM, 2013) – College of Micronesia – FSM Space Utilization and Facilities Master Plan Study

actual and projected student numbers plus changes to education delivery, plus prioritizing the development of campus assets as follows:

- i. addressing any health and safety issues
  - ii. projects that have a link to educational outcomes
  - iii. other projects that assist to support better campus outcomes
- b. designing replacement and new buildings to be delivered through staged implementation and/or designed to have a multipurpose function allowing for change of use over time
  - c. focusing on sustainable design principles for new buildings i.e. passive solar design, material selection, use of natural ventilation and insulation to reduce operational cost
  - d. reducing the maintenance cost through the removal and replacement of buildings and infrastructure that contribute to a disproportionate amount of the operating and maintenance costs
- 4. Implement a development strategy that:**
- a. is fiscally responsible and is informed from an evidence base i.e. space utilization study, condition assessment, spatial review components
  - b. prioritizes the provision of dedicated classroom space for Vocational Education giving effect to the Board of Regents Two-Year Action Agenda's emphasis on vocational programming
  - c. works towards a permanent site for the Chuuk campus on the Nantaku site based on a review of the spatial requirements, proposed infrastructure servicing and access assumptions from the 2001 Master Plan
  - d. considers development beyond the traditional classroom and Learning Resource Center models acknowledging that with the availability of Wi-Fi the location for learning to occur is no longer restricted to just these spaces

The first five year plan for the development has been formalized into the COM Infrastructure Development Plan<sup>26</sup>, and the projects are included in this National IDP (Table N 6). COM will undertake a review at the end of the five year period to ensure the Master Plan remains valid. Projects beyond the five-year period are included in the National IDP, drawing on the Master Plan but with a somewhat reduced scope.

The education projects in the National IDP are listed in Table N 6 and support the sector goal to provide education infrastructure that:

1. ensures that the learning experience is enhanced and diversified
2. improves student and faculty interest and morale, and thereby improves the effectiveness of education and significantly increases the student retention rates through graduation from elementary or secondary schools
3. removes constraints on the availability of high school education for all graduates of elementary school, and to provide an array of post-secondary education opportunities for all high school graduates who seek further education
4. continues to assist and strengthen private educational institutions to the nation
5. is supported by facilities improvement programs that address the need for maintenance, renovation and construction of new facilities to support quality student instruction
6. is supported by equipment maintenance guidelines
7. is resilient to potential natural disasters and the impacts of climate change

Further information on each project can be found in the Project Outlines in Part 4.

<sup>26</sup> (COM, -) - Infrastructure Development Plan, College of Micronesia-FSM, undated (information extracted from the COM Master Plan).

**Table N 6 – Education Priority Projects**

ID	Project Title	Required Funding (\$)	Target Period	Strategic Rating
ED/1	COM-FIT	1,283,000	All	N/A
ED/2	All Solar projects	2,000,000	3	7.8
ED/3	National Campus Student Center and New Health clinic	5,430,000	1	7.8
ED/4	National Campus Marine and Applied Science Building	2,100,000	1	7.3
ED/5	National Campus Track and Field & Baseball Field	3,871,000	1	7.8
ED/6	National Campus Upgrade to Gymnasium	400,000	2	7.8
ED/7	Chuuk Nantaku Campus Design (Buildings 1&2)	2,169,000	1	7.3
ED/8	Chuuk - Nantaku Campus Buildings 1&2	14,500,000	1	7.3
ED/9	Kosrae Campus Multi-Purpose Building Stage-1	5,340,000	1	7.3
ED/10	Kosrae Campus Multi-Purpose Building Stage-2	2,900,000	1	7.3
ED/11	Kosrae Campus Learning Resource Center	3,100,000	3	7.6
ED/12	Pohnpei Campus VOCED Center	5,850,000	1	7.3
ED/13	Pohnpei Campus VOCED Center-2	1,000,000	1	7.3
ED/14	Pohnpei Campus Administration and Faculty Offices	5,600,000	3	7.3
ED/15	Yap Campus VOCED Center-1	3,492,000	1	7.3
ED/16	Yap FSM-FMI Campus Infrastructure Upgrade	1,133,000	1	7.3
ED/17	Yap Campus New Learning Resource Center	4,400,000	2	7.6
ED/18	Yap FSM-FMI Campus Classroom	800,000	2	7.3
ED/19	Yap Campus New Classroom Block	2,700,000	3	7.3
ED/20	Yap FSM-FMI Campus Road and Utility Improvements	1,200,000	3	7.3
<b>Total Funding Required</b>		<b>69,268,000</b>		

**3.2.4 Government Administrative Buildings**

The DTCL’s Infrastructure Division oversees management of the National Government’s administrative buildings, particularly within the Palikir Capital complex.

Infrastructure Division will coordinate the National IDP projects at Palikir to develop new Executive and multi-purpose buildings, renovate existing buildings and improve facilities including the provision of electric power from renewable sources and back-up power capacity.

The Micronesian Village project will be implemented, providing a National conference center and bringing Non-Government Organizations together in a single location.

The government administrative buildings projects listed in Table N 7 in support of elements of the sector goal to provide government administrative building infrastructure that:

1. provides modern and efficient facilities required for government personnel to effectively undertake their functions
2. provides an environment that enables equipment used by government personnel to be adequately maintained

3. encourages a high morale and work ethic amongst government employees by providing a suitable work environment
4. provides elected officials with suitable office space and chambers in which to conduct their responsibilities

Further information on each project can be found in the Project Outlines in Part 4.

**Table N 7 – Government Administrative Buildings Priority Projects**

ID	Project Title	Required Funding (\$)	Target Period	Strategic Rating
GB/1	National Government Buildings Renovations	2,272,000	1/2	5.8
GB/2	Roads & Facilities Improvements at Palikir	1,460,000	1	5.8
GB/3	New Multi-Purpose Building at Palikir	2,400,000	2	6.9
GB/4	New Two-Story Executive Building at Palikir	4,931,000	1	6.2
GB/5	Backup Power Generation at Palikir	2,063,000	1	6.7
GB/6	Conference Center (Micronesia Village Phase 1)	9,400,000	2	7.8
GB/7	Programme Buildings (Micronesia Village Phase 2)	5,600,000	3	7.8
<b>Total Funding Required</b>		<b>28,126,000</b>		

### 3.3 Whole of Life Costs

The costs associated with new infrastructure do not end with purchase or construction. It is one step in the life cycle of an asset that begins with the initial identification of needs through to the disposal of the asset at the end of its useful life. When all these costs are combined, the total may be more than double the cost of the initial purchase/construction price.

The provision of adequate funding for preventative maintenance as part of a whole of life approach to asset management is a key institutional issue for FSM, like other Pacific Island countries.

Estimates of the National IDP priority project maintenance costs by sector over a 20 year period are included in Table N 8. Although some assets have a life other than 20 years, this period has been chosen to provide an indication of the maintenance funding required on an annual basis.

The annual percentage maintenance cost and the asset life factors can be found in Table 14 in Volume 1, Part 6, section 6.2 of the IDP.

**Table N 8 – National IDP 20 Year Maintenance Costs**

Sector	20 Year Costs (\$)		B / A	Annual Maintenance Cost (\$)
	Construction (A)	Maintenance (B)		
Telecommunications	12,461,000	6,469,000	52%	323,000
Education	63,136,000	31,873,000	50%	1,594,000
Government Administrative Buildings	25,889,000	15,533,000	60%	777,000
<b>Total</b>	<b>101,486,000</b>	<b>53,875,000</b>	<b>53%</b>	<b>2,694,000</b>

## Part 4 Priority Project Outlines

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## 4.1 Air Transportation

### Project N 1 – Safety and Security Management Systems for International Airports (AT/1)

<b>Project Title:</b>	Safety & Security Management Systems for International Airports					<b>Sector:</b>	Air Transportation			
<b>Project Description/Scope:</b>	FAA has identified the need for Safety Management Systems for each of the Airports and has listed a Grant for these to be prepared.									
<b>Agencies Responsible:</b>	DTCI – Civil Aviation Division									
<b>Project Objectives/Outcomes:</b>	FAA-compliant Safety Management Systems documentation provided for each Airport									
<b>Project Justification:</b>	Identified as a FAA requirement									
<b>Strategic Alignment</b>										
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve natural disaster and climate change resilience	Improve access to/delivery of education	Improve capacity of government infrastructure agencies	Improve environmental outcomes/conditions	Improve financial sustainability of infrastructure	<b>Strategic Rating (out of 10)</b>	
4	4	3	2	2	2	4	5	3	6.4	
<b>Project Status:</b>	Concept									
<b>Inclusions:</b>	Development of the Plans									
<b>Exclusions:</b>	Additional activities/facilities required to fully implement the Plans									
<b>Risks &amp; Dependencies:</b>	Matching funds not available, airport operators are not able to implement the Plans									
<b>Estimated Planning &amp; Design Costs \$:</b>	450,000 FAA AIP Grant 50,000 FSM Matching Funds				<b>Estimated Construction Costs \$:</b>	0				

## 4.2 Telecommunications Sector

### Project N 2 – Extend Terrestrial Fiber Optic in Pohnpei (TC/1)

<b>Project Title:</b>	Terrestrial Fiber Optic Extensions in Pohnpei	<b>Sector:</b>	Telecommunications						
<b>Project Description/Scope:</b>	Design and install extended terrestrial fiber optic cabling in Pohnpei								
<b>Agencies Responsible:</b>	FSMTC								
<b>Project Objectives/Outcomes:</b>	Provide reliable high speed telecommunications services for Pohnpei telecommunications users								
<b>Project Justification:</b>	Current availability of high speed telecommunications through terrestrial fiber optic cabling is limited to the vicinity of the primary road and some areas within Kolonia								
<b>Strategic Alignment</b>									
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve natural disaster and climate change resilience	Improve access to/delivery of education	Improve capacity of government infrastructure agencies	Improve environmental outcomes/conditions	Improve financial sustainability of infrastructure	<b>Strategic Rating (out of 10)</b>
5	5	5	4	4	3	4	5	5	<b>8.9</b>
<b>Project Status:</b>	Concept								
<b>Inclusions:</b>	To be assessed as part of scope definition								
<b>Exclusions:</b>	To be assessed as part of scope definition								
<b>Risks &amp; Dependencies:</b>	To be assessed as part of scope definition								
<b>Estimated Planning &amp; Design Costs \$:</b>	included in construction costs				<b>Estimated Construction Costs \$:</b>	4,000,000			

### Project N 3 – Provide Terrestrial Fiber Optic in Yap (TC/2)

<b>Project Title:</b>	Provide Terrestrial Fiber Optic in Yap	<b>Sector:</b>	Telecommunications						
<b>Project Description/Scope:</b>	Design and install terrestrial fiber optic cabling in Yap								
<b>Agencies Responsible:</b>	FSMTC								
<b>Project Objectives/Outcomes:</b>	Provide reliable high speed telecommunications services for Yap telecommunications users								
<b>Project Justification:</b>	Current terrestrial telecommunications cabling is not capable of delivering full telecommunications service capability once the external link has been upgraded to fiber optic.								
<b>Strategic Alignment</b>									
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve natural disaster and climate change resilience	Improve access to/delivery of education	Improve capacity of government infrastructure agencies	Improve environmental outcomes/conditions	Improve financial sustainability of infrastructure	<b>Strategic Rating (out of 10)</b>
5	5	5	4	4	3	4	5	5	<b>8.9</b>
<b>Project Status:</b>	Concept								
<b>Inclusions:</b>	To be assessed as part of scope definition								
<b>Exclusions:</b>	To be assessed as part of scope definition								
<b>Risks &amp; Dependencies:</b>	To be assessed as part of scope definition								
<b>Estimated Planning &amp; Design Costs \$:</b>	included in construction costs				<b>Estimated Construction Costs \$:</b>	2,500,000			

**Project N 4 – Improve Mobile Telecommunications Networks (TC/3)**

<b>Project Title:</b>	Mobile Telecommunications Networks Improvements	<b>Sector:</b>	Telecommunications						
<b>Project Description/Scope:</b>	Improve mobile telecommunications services by: <ul style="list-style-type: none"> <li>• upgrading the whole of the cellular network to provide 3G and 4G services (subject to user-device capability)</li> <li>• increasing the number of cellular network sites by 25 (currently 24 sites)</li> </ul>								
<b>Agencies Responsible:</b>	FSMTC								
<b>Project Objectives/Outcomes:</b>	Provide higher speed mobile telecommunications services to a greater proportion of the FSM population								
<b>Project Justification:</b>	Limited availability of high speed mobile telecommunications and many areas do not have any mobile telecommunication service								
<b>Strategic Alignment</b>									
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve natural disaster and climate change resilience	Improve access to/delivery of education	Improve capacity of government infrastructure agencies	Improve environmental outcomes/conditions	Improve financial sustainability of infrastructure	<b>Strategic Rating (out of 10)</b>
5	5	5	4	4	2	4	5	5	<b>8.7</b>
<b>Project Status:</b>	Concept								
<b>Inclusions:</b>	Upgrading of cellular sites to 3G/4G and addition of 25 cellular sites, system upgrades to core mobile telecommunications infrastructure (already 3G/4G capable)								
<b>Exclusions:</b>	Core mobile telecommunications infrastructure								
<b>Risks &amp; Dependencies:</b>	To be assessed as part of scope definition								
<b>Estimated Planning &amp; Design Costs \$:</b>	included in construction costs				<b>Estimated Construction Costs \$:</b>	2,800,000			

**Project N 5 – Provide Solar Power for Telecommunications Facilities (TC/4)**

<b>Project Title:</b>	Solar Power for Telecommunications Facilities	<b>Sector:</b>	Telecommunications						
<b>Project Description/Scope:</b>	Provide around 500kW of solar power generation and storage as an alternative source of electric power at FSMTC offices, facilities and cellular sites								
<b>Agencies Responsible:</b>	FSMTC								
<b>Project Objectives/Outcomes:</b>	Reduce operational costs and improve the resilience of telecommunication services, particularly during times of disruption to public electric power supply								
<b>Project Justification:</b>	Electric power is a significant cost to FSMTC and its reliability can be highly variable, particularly for remote facilities and sites and in times of emergencies/disasters								
<b>Strategic Alignment</b>									
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve natural disaster and climate change resilience	Improve access to/delivery of education	Improve capacity of government infrastructure agencies	Improve environmental outcomes/conditions	Improve financial sustainability of infrastructure	<b>Strategic Rating (out of 10)</b>
3	3	3	3	3	3	4	4	4	6.7
<b>Project Status:</b>	Concept								
<b>Inclusions:</b>	To be assessed as part of scope definition								
<b>Exclusions:</b>	To be assessed as part of scope definition								
<b>Risks &amp; Dependencies:</b>	To be assessed as part of scope definition								
<b>Estimated Planning &amp; Design Costs \$:</b>	included in construction costs	<b>Estimated Construction Costs \$:</b>	2,500,000						

**Project N 6 – Provide Emergency/Disaster Alert System (TC/5)**

<b>Project Title:</b>	Emergency/Disaster Alert System	<b>Sector:</b>	Telecommunications						
<b>Project Description/Scope:</b>	Provide communities throughout FSM with a reliable, 24/7 system to alert them to potential emergency/disaster events in around 200 communities								
<b>Agencies Responsible:</b>	Office of Environment and Emergency Management								
<b>Project Objectives/Outcomes:</b>	Reduce the risk to communities by providing timely and reliable alerts to potential emergency/disaster events								
<b>Project Justification:</b>	Although communities across FSM have reliable HF/VHF radio communications, these are not monitored 24/7 so communities are at risk from short-notice potential emergency/disasters (e.g. tsunami) or being able to respond to local emergencies (e.g. vessels in distress)								
<b>Strategic Alignment</b>									
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve natural disaster and climate change resilience	Improve access to/delivery of education	Improve capacity of government infrastructure agencies	Improve environmental outcomes/conditions	Improve financial sustainability of infrastructure	<b>Strategic Rating (out of 10)</b>
2	3	2	3	3	2	5	5	3	6.2
<b>Project Status:</b>	Concept								
<b>Inclusions:</b>	Provision of the central and distributed components of the system, including aural/visual alert elements								
<b>Exclusions:</b>	Ongoing satellite communications charges (currently \$30 per month per unit)								
<b>Risks &amp; Dependencies:</b>	To be assessed as part of scope definition								
<b>Estimated Planning &amp; Design Costs \$:</b>	included in construction costs	<b>Estimated Construction Costs \$:</b>	800,000						

**Project N 7 – Provide Government Video Conferencing Facilities (TC/6)**

<b>Project Title:</b>	Video Conferencing Facilities for All Three Branches	<b>Sector:</b>	Telecommunications						
<b>Project Description/Scope:</b>	Provide the Branches of the National and State Governments with dedicated video conferencing facilities								
<b>Agencies Responsible:</b>	DTCI Communication Division								
<b>Project Objectives/Outcomes:</b>	Provide facilities for “face-to-face” Government communications without the need for interstate travel								
<b>Project Justification:</b>	Officials and staff in all Branches of the National and State Government are often required to travel to meet on matters of shared interest which is expensive and takes them away from their day-to-day duties for extended periods due to travel schedules								
<b>Strategic Alignment</b>									
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve natural disaster and climate change resilience	Improve access to/delivery of education	Improve capacity of government infrastructure agencies	Improve environmental outcomes/conditions	Improve financial sustainability of infrastructure	<b>Strategic Rating (out of 10)</b>
5	4	4	3	4	3	3	5	4	7.8
<b>Project Status:</b>	Scoping								
<b>Inclusions:</b>	Video conferencing equipment installed in each Branch of the National and State Governments								
<b>Exclusions:</b>	Additional accommodation for video conferencing and ongoing telecommunications costs								
<b>Risks &amp; Dependencies:</b>	Capacity to operate and maintain the facilities								
<b>Estimated Planning &amp; Design Costs \$:</b>	included in construction costs				<b>Estimated Construction Costs \$:</b>	750,000			

### 4.3 Education

#### Project N 8 – COM-FIT (ED/1)

<b>Project Title:</b>	COM-FIT	<b>Sector:</b>	Education						
<b>Project Description/Scope:</b>	Project and construction management of the COM Infrastructure development program								
<b>Agencies Responsible:</b>	College of Micronesia								
<b>Project Objectives/Outcomes:</b>	Delivery of the infrastructure								
<b>Project Justification:</b>	Required to manage infrastructure delivery								
<b>Strategic Alignment</b>									
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve access to/delivery of education	Improve environmental outcomes/conditions	Improve natural disaster and climate change resilience	Improve capacity of government infrastructure agencies	Improve financial sustainability of infrastructure	<b>Strategic Rating (out of 10)</b>
									N/A
<b>Project Status:</b>	Concept								
<b>Inclusions:</b>									
<b>Exclusions:</b>	Design costs are included in individual project estimates								
<b>Risks &amp; Dependencies:</b>	Staffing and support requirement is related to the total planned infrastructure delivery								
<b>Estimated Planning &amp; Design Costs \$:</b>	1,283,000	<b>Estimated Construction Costs \$:</b>	0						

#### Project N 9 – All Solar Projects (ED/2)

<b>Project Title:</b>	All Solar Projects	<b>Sector:</b>	Education						
<b>Project Description/Scope:</b>	Not further defined								
<b>Agencies Responsible:</b>	College of Micronesia								
<b>Project Objectives/Outcomes:</b>	reduction of use of non-renewable energy; cost saving								
<b>Project Justification:</b>	Security of power supply								
<b>Strategic Alignment</b>									
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve access to/delivery of education	Improve environmental outcomes/conditions	Improve natural disaster and climate change resilience	Improve capacity of government infrastructure agencies	Improve financial sustainability of infrastructure	<b>Strategic Rating (out of 10)</b>
3	3	4	3	5	4	5	4	4	7.8
<b>Project Status:</b>	Concept								
<b>Inclusions:</b>	To be assessed as part of scope definition								
<b>Exclusions:</b>	To be assessed as part of scope definition								
<b>Risks &amp; Dependencies:</b>	To be assessed as part of scope definition								
<b>Estimated Planning &amp; Design Costs \$:</b>	200,000	<b>Estimated Construction Costs \$:</b>	1,800,000						

**Project N 10 – National Campus Student Center and New Health Clinic (ED/3)**

<b>Project Title:</b>	National Campus Student Center and New Health Clinic		<b>Sector:</b>	Education					
<b>Project Description/Scope:</b>	Student Center and New Health Clinic and on-site infrastructure upgrades								
<b>Agencies Responsible:</b>	College of Micronesia								
<b>Project Objectives/Outcomes:</b>	Infrastructure improvements to address safety, access and to provide a healthful learning and working environment.								
<b>Project Justification:</b>	Projects to increase disabled access across the site, relocate security to the center of the site for safety								
<b>Strategic Alignment</b>									
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve access to/delivery of education	Improve environmental outcomes/ conditions	Improve natural disaster and climate change resilience	Improve capacity of government infrastructure agencies	Improve financial sustainability of infrastructure	<b>Strategic Rating (out of 10)</b>
3	3	4	5	5	4	4	4	3	<b>7.8</b>
<b>Project Status:</b>	Scoped								
<b>Inclusions:</b>	To be developed in the design stage								
<b>Exclusions:</b>	To be developed in the design stage								
<b>Risks &amp; Dependencies:</b>	To be developed in the design stage								
<b>Estimated Planning &amp; Design Costs \$:</b>	543,000				<b>Estimated Construction Costs \$:</b>	4,887,000			

**Project N 11 – National Campus Marine and Applied Science Building (ED/4)**

<b>Project Title:</b>	National Campus Marine and Applied Science Building		<b>Sector:</b>	Education					
<b>Project Description/Scope:</b>	Two level building totaling 5700ft <sup>2</sup>								
<b>Agencies Responsible:</b>	College of Micronesia								
<b>Project Objectives/Outcomes:</b>	in accordance with the development Master Plan								
<b>Project Justification:</b>	As set out in the development Master Plan								
<b>Strategic Alignment</b>									
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve access to/delivery of education	Improve environmental outcomes/ conditions	Improve natural disaster and climate change resilience	Improve capacity of government infrastructure agencies	Improve financial sustainability of infrastructure	<b>Strategic Rating (out of 10)</b>
3	3	4	3	5	4	4	4	3	<b>7.3</b>
<b>Project Status:</b>	Scoped								
<b>Inclusions:</b>	To be developed in the design stage								
<b>Exclusions:</b>	To be developed in the design stage								
<b>Risks &amp; Dependencies:</b>	To be developed in the design stage								
<b>Estimated Planning &amp; Design Costs \$:</b>	210,000				<b>Estimated Construction Costs \$:</b>	1,890,000			

**Project N 12 – National Campus Track and Field & Baseball Field (ED/5)**

<b>Project Title:</b>	National Campus Track and Field & Baseball Field					<b>Sector:</b>	Education			
<b>Project Description/Scope:</b>	Track and field/baseball facility including associated vehicle access and parking as well as pedestrian access									
<b>Agencies Responsible:</b>	College of Micronesia									
<b>Project Objectives/Outcomes:</b>	Increase the recreational facilities with completion of athletics track and baseball pitch in the long term									
<b>Project Justification:</b>	As set out in the development Master Plan									
<b>Strategic Alignment</b>										
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve access to/delivery of education	Improve environmental outcomes/conditions	Improve natural disaster and climate change resilience	Improve capacity of government infrastructure agencies	Improve financial sustainability of infrastructure	<b>Strategic Rating (out of 10)</b>	
3	3	4	5	5	4	4	4	3	7.8	
<b>Project Status:</b>	Scoped									
<b>Inclusions:</b>	To be developed in the design stage									
<b>Exclusions:</b>	To be developed in the design stage									
<b>Risks &amp; Dependencies:</b>	To be developed in the design stage									
<b>Estimated Planning &amp; Design Costs \$:</b>	387,100				<b>Estimated Construction Costs \$:</b>	3,483,900				

**Project N 13 – National Campus Upgrade to Gymnasium (ED/6)**

<b>Project Title:</b>	National Campus Upgrade to Gymnasium					<b>Sector:</b>	Education			
<b>Project Description/Scope:</b>	Structural and fit out renovation and renewal works									
<b>Agencies Responsible:</b>	College of Micronesia									
<b>Project Objectives/Outcomes:</b>	Return building to maintainable condition									
<b>Project Justification:</b>	Safety issue - based on the current building condition and deterioration									
<b>Strategic Alignment</b>										
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve access to/delivery of education	Improve environmental outcomes/conditions	Improve natural disaster and climate change resilience	Improve capacity of government infrastructure agencies	Improve financial sustainability of infrastructure	<b>Strategic Rating (out of 10)</b>	
3	3	4	5	5	4	4	4	3	7.8	
<b>Project Status:</b>	Scoped									
<b>Inclusions:</b>	To be developed in the design stage									
<b>Exclusions:</b>	To be developed in the design stage									
<b>Risks &amp; Dependencies:</b>	To be developed in the design stage									
<b>Estimated Planning &amp; Design Costs \$:</b>	40,000				<b>Estimated Construction Costs \$:</b>	360,000				



**Project N 14 – Chuuk Nantaku Campus Design (Buildings 1&2) (ED/7)**

<b>Project Title:</b>	Chuuk Nantaku Campus Design (Buildings 1&2)					<b>Sector:</b>	Education			
<b>Project Description/Scope:</b>	Nantaku design (Buildings 1&2) and current site improvements									
<b>Agencies Responsible:</b>	College of Micronesia									
<b>Project Objectives/Outcomes:</b>	Current site improvements for safety, access and to provide a healthful learning and working environment.									
<b>Project Justification:</b>	Two existing buildings have a poor structural condition grade Current lease on the temporary Weno site expires in 2022 necessitating a move to the permanent site Nantaku.									
<b>Strategic Alignment</b>										
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve access to/delivery of education	Improve environmental outcomes/ conditions	Improve natural disaster and climate change resilience	Improve capacity of government infrastructure agencies	Improve financial sustainability of infrastructure	<b>Strategic Rating (out of 10)</b>	
3	3	4	3	5	4	4	4	3	7.3	
<b>Project Status:</b>	Scoped									
<b>Inclusions:</b>	To be developed in the design stage									
<b>Exclusions:</b>	To be developed in the design stage									
<b>Risks &amp; Dependencies:</b>	To be developed in the design stage									
<b>Estimated Planning &amp; Design Costs \$:</b>	2,169,000				<b>Estimated Construction Costs \$:</b>	0 (see ED/8)				

**Project N 15 – Chuuk - Nantaku Campus Buildings 1&2 (ED/8)**

<b>Project Title:</b>	Chuuk - Nantaku Campus buildings 1&2					<b>Sector:</b>	Education			
<b>Project Description/Scope:</b>	Nantaku Buildings 1&2 construction, site infrastructure including recreation area, road connection and maintenance support building									
<b>Agencies Responsible:</b>	College of Micronesia									
<b>Project Objectives/Outcomes:</b>	Improvements for safety, access and to provide a healthful learning and working environment -									
<b>Project Justification:</b>	Current lease on the temporary Weno site expires in 2022 necessitating a move to the permanent site Nantaku.									
<b>Strategic Alignment</b>										
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve access to/delivery of education	Improve environmental outcomes/ conditions	Improve natural disaster and climate change resilience	Improve capacity of government infrastructure agencies	Improve financial sustainability of infrastructure	<b>Strategic Rating (out of 10)</b>	
3	3	4	3	5	4	4	4	3	7.3	
<b>Project Status:</b>	Scoped									
<b>Inclusions:</b>	To be developed in the design stage									
<b>Exclusions:</b>	To be developed in the design stage									
<b>Risks &amp; Dependencies:</b>	To be developed in the design stage									
<b>Estimated Planning &amp; Design Costs \$:</b>	0 (see ED/7)				<b>Estimated Construction Costs \$:</b>	14,500,000				

**Project N 16 – Kosrae Campus Multi-Purpose Building Stage-1 (ED/9)**

<b>Project Title:</b>	Kosrae Campus Multi-Purpose Building Stage-1					<b>Sector:</b>	Education			
<b>Project Description/Scope:</b>	Multi-Purpose Building Stage-1 (Student and administration center) including demolition and on-site infrastructure upgrades									
<b>Agencies Responsible:</b>	College of Micronesia									
<b>Project Objectives/Outcomes:</b>	Infrastructure improvements to address safety, access and to provide a healthful learning and working environment									
<b>Project Justification:</b>	As set out in the development Master Plan									
<b>Strategic Alignment</b>										
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve access to/delivery of education	Improve environmental outcomes/ conditions	Improve natural disaster and climate change resilience	Improve capacity of government infrastructure agencies	Improve financial sustainability of infrastructure	<b>Strategic Rating (out of 10)</b>	
3	3	4	3	5	4	4	4	3	7.3	
<b>Project Status:</b>	Scoped									
<b>Inclusions:</b>	To be developed in the design stage									
<b>Exclusions:</b>	To be developed in the design stage									
<b>Risks &amp; Dependencies:</b>	To be developed in the design stage									
<b>Estimated Planning &amp; Design Costs \$:</b>	534,000				<b>Estimated Construction Costs \$:</b>	4,806,000				

**Project N 17 – Kosrae Campus Multi-Purpose Building Stage-2 (ED/10)**

<b>Project Title:</b>	Kosrae Campus Multi-Purpose Building Stage-2					<b>Sector:</b>	Education			
<b>Project Description/Scope:</b>	Continuation of works from Stage 1									
<b>Agencies Responsible:</b>	College of Micronesia									
<b>Project Objectives/Outcomes:</b>	Infrastructure improvements to address safety, access and to provide a healthful learning and working environment									
<b>Project Justification:</b>	As set out in the development Master Plan									
<b>Strategic Alignment</b>										
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve access to/delivery of education	Improve environmental outcomes/ conditions	Improve natural disaster and climate change resilience	Improve capacity of government infrastructure agencies	Improve financial sustainability of infrastructure	<b>Strategic Rating (out of 10)</b>	
3	3	4	3	5	4	4	4	3	7.3	
<b>Project Status:</b>	Scoped									
<b>Inclusions:</b>	To be developed in the design stage									
<b>Exclusions:</b>	To be developed in the design stage									
<b>Risks &amp; Dependencies:</b>	To be developed in the design stage									
<b>Estimated Planning &amp; Design Costs \$:</b>	290,000				<b>Estimated Construction Costs \$:</b>	2,6,10,000				

**Project N 18 – Kosrae Campus Learning Resource Center (ED/11)**

<b>Project Title:</b>	Kosrae Campus Learning Resource Center						<b>Sector:</b>	Education		
<b>Project Description/Scope:</b>	Replacement building									
<b>Agencies Responsible:</b>	College of Micronesia									
<b>Project Objectives/Outcomes:</b>	Move Learning Resource Centre away from Carpentry shops									
<b>Project Justification:</b>	Relocate uses currently located adjacent to each other that are not compatible									
<b>Strategic Alignment</b>										
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve access to/delivery of education	Improve environmental outcomes/conditions	Improve natural disaster and climate change resilience	Improve capacity of government infrastructure agencies	Improve financial sustainability of infrastructure	<b>Strategic Rating (out of 10)</b>	
3	3	4	4	5	4	4	4	3	7.6	
<b>Project Status:</b>	Scoped									
<b>Inclusions:</b>	To be developed in the design stage									
<b>Exclusions:</b>	To be developed in the design stage									
<b>Risks &amp; Dependencies:</b>	To be developed in the design stage									
<b>Estimated Planning &amp; Design Costs \$:</b>	310,000				<b>Estimated Construction Costs \$:</b>	2,790,000				

**Project N 19 – Pohnpei Campus VOCED Center (ED/12)**

<b>Project Title:</b>	Pohnpei Campus VOCED Center						<b>Sector:</b>	Education		
<b>Project Description/Scope:</b>	VOCED Center - Including new technical education classroom, new multipurpose technical building (including workshops), associated demolition and infrastructure upgrades									
<b>Agencies Responsible:</b>	College of Micronesia									
<b>Project Objectives/Outcomes:</b>	Infrastructure to provide for fire-fighting and road access through the site along with disabled access not currently provided for due to the terrain									
<b>Project Justification:</b>	4 buildings have a poor structural condition grade - replacement buildings considered in masterplan to address this issue.									
<b>Strategic Alignment</b>										
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve access to/delivery of education	Improve environmental outcomes/conditions	Improve natural disaster and climate change resilience	Improve capacity of government infrastructure agencies	Improve financial sustainability of infrastructure	<b>Strategic Rating (out of 10)</b>	
3	3	4	3	5	4	4	4	3	7.3	
<b>Project Status:</b>	Scoped									
<b>Inclusions:</b>	To be developed in the design stage									
<b>Exclusions:</b>	To be developed in the design stage									
<b>Risks &amp; Dependencies:</b>	To be developed in the design stage									
<b>Estimated Planning &amp; Design Costs \$:</b>	585,000				<b>Estimated Construction Costs \$:</b>	5,265,000				

**Project N 20 – Pohnpei Campus VOCED Center-2 (ED/13)**

<b>Project Title:</b>	Pohnpei Campus VOCED Center-2						<b>Sector:</b>	Education		
<b>Project Description/Scope:</b>	Continuation of VOCED Center-1 project									
<b>Agencies Responsible:</b>	College of Micronesia									
<b>Project Objectives/Outcomes:</b>	As for VOCED Center-1									
<b>Project Justification:</b>	As for VOCED Center-1									
<b>Strategic Alignment</b>										
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve access to/delivery of education	Improve environmental outcomes/conditions	Improve natural disaster and climate change resilience	Improve capacity of government infrastructure agencies	Improve financial sustainability of infrastructure	<b>Strategic Rating (out of 10)</b>	
3	3	4	3	5	4	4	4	3	7.3	
<b>Project Status:</b>	Scoped									
<b>Inclusions:</b>	To be developed in the design stage									
<b>Exclusions:</b>	To be developed in the design stage									
<b>Risks &amp; Dependencies:</b>	To be developed in the design stage									
<b>Estimated Planning &amp; Design Costs \$:</b>	0				<b>Estimated Construction Costs \$:</b>	1,000,000				

**Project N 21 – Pohnpei Campus Administration and Faculty Offices (ED/14)**

<b>Project Title:</b>	Pohnpei Campus Administration and Faculty offices						<b>Sector:</b>	Education		
<b>Project Description/Scope:</b>	In accordance with development Master Plan									
<b>Agencies Responsible:</b>	College of Micronesia									
<b>Project Objectives/Outcomes:</b>	In accordance with development Master Plan									
<b>Project Justification:</b>	As set out in the development Master Plan									
<b>Strategic Alignment</b>										
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve access to/delivery of education	Improve environmental outcomes/conditions	Improve natural disaster and climate change resilience	Improve capacity of government infrastructure agencies	Improve financial sustainability of infrastructure	<b>Strategic Rating (out of 10)</b>	
3	3	4	3	5	4	4	4	3	7.3	
<b>Project Status:</b>	Scoped									
<b>Inclusions:</b>	To be developed in the design stage									
<b>Exclusions:</b>	To be developed in the design stage									
<b>Risks &amp; Dependencies:</b>	To be developed in the design stage									
<b>Estimated Planning &amp; Design Costs \$:</b>	560,000				<b>Estimated Construction Costs \$:</b>	5,040,000				

**Project N 22 – Yap Campus VOCED Center-1 (ED/15)**

<b>Project Title:</b>	Yap Campus VOCED Center-1					<b>Sector:</b>	Education			
<b>Project Description/Scope:</b>	VOCED Center-1 including maintenance building, demolition and on-site infrastructure upgrades									
<b>Agencies Responsible:</b>	College of Micronesia									
<b>Project Objectives/Outcomes:</b>	In accordance with the development Master Plan									
<b>Project Justification:</b>	Current VOCED building is in poor structural and building condition									
<b>Strategic Alignment</b>										
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve access to/delivery of education	Improve environmental outcomes/conditions	Improve natural disaster and climate change resilience	Improve capacity of government infrastructure agencies	Improve financial sustainability of infrastructure	<b>Strategic Rating (out of 10)</b>	
3	3	4	3	5	4	4	4	3	7.3	
<b>Project Status:</b>	Scoped									
<b>Inclusions:</b>	To be developed in the design stage									
<b>Exclusions:</b>	To be developed in the design stage									
<b>Risks &amp; Dependencies:</b>	To be developed in the design stage									
<b>Estimated Planning &amp; Design Costs \$:</b>	349,200				<b>Estimated Construction Costs \$:</b>	3,142,800				

**Project N 23 – Yap FSM-FMI Campus Infrastructure Upgrade (ED/16)**

<b>Project Title:</b>	Yap FSM-FMI Campus Infrastructure Upgrade					<b>Sector:</b>	Education			
<b>Project Description/Scope:</b>	Upgrade leaching field, drainage on site, firefighting capability, electrical supply as the existing site infrastructure is over 40 years old									
<b>Agencies Responsible:</b>	College of Micronesia									
<b>Project Objectives/Outcomes:</b>	In accordance with the infrastructure Master Plan									
<b>Project Justification:</b>	Current site has safety and accessibility issues									
<b>Strategic Alignment</b>										
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve access to/delivery of education	Improve environmental outcomes/conditions	Improve natural disaster and climate change resilience	Improve capacity of government infrastructure agencies	Improve financial sustainability of infrastructure	<b>Strategic Rating (out of 10)</b>	
3	3	4	3	5	4	4	4	3	7.3	
<b>Project Status:</b>	Scoped									
<b>Inclusions:</b>	To be developed in the design stage									
<b>Exclusions:</b>	To be developed in the design stage									
<b>Risks &amp; Dependencies:</b>	To be developed in the design stage									
<b>Estimated Planning &amp; Design Costs \$:</b>	113,300				<b>Estimated Construction Costs \$:</b>	1,019,700				

**Project N 24 – Yap Campus New Learning Resource Center (ED/17)**

<b>Project Title:</b>	Yap Campus New Learning Resource Center						<b>Sector:</b>	Education		
<b>Project Description/Scope:</b>	New Learning Resource Center including computer lab, Administration /Faculty Office									
<b>Agencies Responsible:</b>	College of Micronesia									
<b>Project Objectives/Outcomes:</b>	Improvements for safety, access and to provide a healthful learning and working environment. One of the three buildings with poor structural condition grade is the current administration									
<b>Project Justification:</b>	As set out in the development Master Plan									
<b>Strategic Alignment</b>										
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve access to/delivery of education	Improve environmental outcomes/ conditions	Improve natural disaster and climate change resilience	Improve capacity of government infrastructure agencies	Improve financial sustainability of infrastructure	<b>Strategic Rating (out of 10)</b>	
3	3	4	4	5	4	4	4	3	7.6	
<b>Project Status:</b>	Scoped									
<b>Inclusions:</b>	To be developed in the design stage									
<b>Exclusions:</b>	To be developed in the design stage									
<b>Risks &amp; Dependencies:</b>	To be developed in the design stage									
<b>Estimated Planning &amp; Design Costs \$:</b>	440,000				<b>Estimated Construction Costs \$:</b>	3,960,000				

**Project N 25 – Yap FSM-FMI Campus Classroom (ED/18)**

<b>Project Title:</b>	Yap FSM-FMI Campus Classroom						<b>Sector:</b>	Education		
<b>Project Description/Scope:</b>	Classroom/ study space and shop extension									
<b>Agencies Responsible:</b>	College of Micronesia									
<b>Project Objectives/Outcomes:</b>	Improvements to address safety, access and to provide a healthful learning and living environment									
<b>Project Justification:</b>	separation of study from bedrooms									
<b>Strategic Alignment</b>										
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve access to/delivery of education	Improve environmental outcomes/ conditions	Improve natural disaster and climate change resilience	Improve capacity of government infrastructure agencies	Improve financial sustainability of infrastructure	<b>Strategic Rating (out of 10)</b>	
3	3	4	3	5	4	4	4	3	7.3	
<b>Project Status:</b>	Scoped									
<b>Inclusions:</b>	To be developed in the design stage									
<b>Exclusions:</b>	To be developed in the design stage									
<b>Risks &amp; Dependencies:</b>	To be developed in the design stage									
<b>Estimated Planning &amp; Design Costs \$:</b>	72,000				<b>Estimated Construction Costs \$:</b>	648,000				

**Project N 26 – Yap Campus New Classroom Block (ED/19)**

<b>Project Title:</b>	Yap Campus New Classroom Block						<b>Sector:</b>	Education		
<b>Project Description/Scope:</b>	New classroom block and new gymnasium									
<b>Agencies Responsible:</b>	College of Micronesia									
<b>Project Objectives/Outcomes:</b>	Improvements to address safety, access and to provide a healthful learning environment.									
<b>Project Justification:</b>	As set out in the development Master Plan									
<b>Strategic Alignment</b>										
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve access to/delivery of education	Improve environmental outcomes/conditions	Improve natural disaster and climate change resilience	Improve capacity of government infrastructure agencies	Improve financial sustainability of infrastructure	<b>Strategic Rating (out of 10)</b>	
3	3	4	3	5	4	4	4	3	7.3	
<b>Project Status:</b>	Scoped									
<b>Inclusions:</b>	To be developed in the design stage									
<b>Exclusions:</b>	To be developed in the design stage									
<b>Risks &amp; Dependencies:</b>	To be developed in the design stage									
<b>Estimated Planning &amp; Design Costs \$:</b>	270,000				<b>Estimated Construction Costs \$:</b>	2,430,000				

**Project N 27 – Yap FSM-FMI Campus Road and Utility Improvements (ED/20)**

<b>Project Title:</b>	Yap FSM-FMI Campus Road and Utility Improvements						<b>Sector:</b>	Education		
<b>Project Description/Scope:</b>	Rerouting of central road and infrastructure improvements (water/ sanitation)									
<b>Agencies Responsible:</b>	College of Micronesia									
<b>Project Objectives/Outcomes:</b>	Improvements for safety, access and to provide a healthful learning and working environment.									
<b>Project Justification:</b>	As set out in the development Master Plan									
<b>Strategic Alignment</b>										
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve access to/delivery of education	Improve environmental outcomes/conditions	Improve natural disaster and climate change resilience	Improve capacity of government infrastructure agencies	Improve financial sustainability of infrastructure	<b>Strategic Rating (out of 10)</b>	
3	3	4	3	5	4	4	4	3	7.3	
<b>Project Status:</b>	Concept									
<b>Inclusions:</b>	To be assessed as part of scope definition									
<b>Exclusions:</b>	To be assessed as part of scope definition									
<b>Risks &amp; Dependencies:</b>	To be assessed as part of scope definition									
<b>Estimated Planning &amp; Design Costs \$:</b>	120,000				<b>Estimated Construction Costs \$:</b>	1,080,000				

#### 4.4 Government Administrative Buildings

##### Project N 28 –National Government Buildings Renovations (GB/1)

<b>Project Title:</b>	National Government Buildings Renovations						<b>Sector:</b>	Government Administrative Buildings		
<b>Project Description/Scope:</b>	Renovation of buildings at the Palikir complex, including:									
	Executive Building E	294,060								
	Executive Building D	253,830								
	Executive Building C	294,060								
	Executive Building B	294,060								
	Executive Building A	253,830								
	Central Facilities Building	294,060								
	Judicial Building	294,060								
	Congress Office Building	294,060								
		2,272,020								
<b>Agencies Responsible:</b>	DTCI Infrastructure Division									
<b>Project Objectives/Outcomes:</b>	Provide improved working conditions and facilities and mitigate further building deterioration									
<b>Project Justification:</b>	Conditions of the buildings are impacting on working conditions and facilities and deterioration will be ongoing unless arrested									
<b>Strategic Alignment</b>										
	Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve natural disaster and climate change resilience	Improve access to/delivery of education	Improve capacity of government infrastructure agencies	Improve environmental outcomes/conditions	Improve financial sustainability of infrastructure	<b>Total Rating (out of 10)</b>
	3	2	2	3	2	3	3	4	4	5.8
<b>Project Status:</b>	Scoped									
<b>Inclusions:</b>	In accordance with the DTCI Infrastructure Division assessment									
<b>Exclusions:</b>	To be developed in the design stage									
<b>Risks &amp; Dependencies:</b>	To be developed in the design stage									
<b>Estimated Planning &amp; Design Costs \$:</b>	227,000					<b>Estimated Construction Costs \$:</b>	2,045,000			



**Project N 29 –Roads & Facilities Improvements at Palikir (GB/2)**

<b>Project Title:</b>	Roads & Facilities Improvements at Palikir	<b>Sector:</b>	Government Administrative Buildings						
<b>Project Description/Scope:</b>	Repair generally by asphalt overlay the following roads: <ul style="list-style-type: none"> <li>• Capitol Main Road</li> <li>• Secondary Roads to Executive Buildings, Congress Chamber, Congress Building , and Judicial Building</li> <li>• Executive Housing Road and Reservoir Access Road</li> <li>• In association with the repairs, paint curbs, parking stalls, reserved parking names, and provide directional traffic signs</li> </ul>								
<b>Agencies Responsible:</b>	DTCI Infrastructure Division								
<b>Project Objectives/Outcomes:</b>	Provide improved road, traffic and parking condition and mitigate further road deterioration								
<b>Project Justification:</b>	Condition of the roads is impacting on traffic and parking and deterioration will be ongoing unless arrested								
<b>Strategic Alignment</b>									
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve natural disaster and climate change resilience	Improve access to/delivery of education	Improve capacity of government infrastructure agencies	Improve environmental outcomes/ conditions	Improve financial sustainability of infrastructure	<b>Total Rating (out of 10)</b>
3	2	2	3	2	3	3	4	4	5.8
<b>Project Status:</b>	Scoped								
<b>Inclusions:</b>	In accordance with the DTCI Infrastructure Division assessment								
<b>Exclusions:</b>	To be developed in the design stage								
<b>Risks &amp; Dependencies:</b>	To be developed in the design stage								
<b>Estimated Planning &amp; Design Costs \$:</b>	included in construction costs				<b>Estimated Construction Costs \$:</b>	1,460,000			

**Project N 30 – New Multi-Purpose Building at Palikir (GB/3)**

<b>Project Title:</b>	New Multi-Purpose Building at Palikir						<b>Sector:</b>	Government Administrative Buildings		
<b>Project Description/Scope:</b>	Provide a new building in the Palikir Complex with the following facilities: Post Office            1,000 ft <sup>2</sup> Cafeteria                3,000 ft <sup>2</sup> Library                    4,000 ft <sup>2</sup> National Museum      4,800 ft <sup>2</sup>									
<b>Agencies Responsible:</b>	DTCI Infrastructure Division									
<b>Project Objectives/Outcomes:</b>	Provide improved/additional facilities at the Palikir Complex									
<b>Project Justification:</b>	The existing Post Office is not suitable/adequate for the needs at the Palikir Complex There is no cafeteria facility and staff regularly travel to Kolonia for their lunch, impacting on productivity – this facility would provide opportunities for vendors to set up catering facilities Additional space is required to supplement the Congress Library and meet the needs of all of the National Executive/Administration A National Museum is required to provide a place in which to record and display the history and achievements of FSM and its people									
<b>Strategic Alignment</b>										
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve natural disaster and climate change resilience	Improve access to/delivery of education	Improve capacity of government infrastructure agencies	Improve environmental outcomes/conditions	Improve financial sustainability of infrastructure	<b>Total Rating (out of 10)</b>	
4	3	4	2	4	2	4	5	3	6.9	
<b>Project Status:</b>	Concept									
<b>Inclusions:</b>	To be assessed as part of scope definition									
<b>Exclusions:</b>	To be assessed as part of scope definition									
<b>Risks &amp; Dependencies:</b>	To be assessed as part of scope definition									
<b>Estimated Planning &amp; Design Costs \$:</b>	240,000				<b>Estimated Construction Costs \$:</b>	2,160,000				

**Project N 31 – New Two-Story Executive Building at Palikir (GB/4)**

<b>Project Title:</b>	New Two-Story Executive Building at Palikir						<b>Sector:</b>	Government Administrative Buildings		
<b>Project Description/Scope:</b>	New two-story Executive building to house Government departments currently located away from the Palikir complex									
<b>Agencies Responsible:</b>	DTCI									
<b>Project Objectives/Outcomes:</b>	Locate all executive functions within the Palikir complex to improve government efficiencies									
<b>Project Justification:</b>	Departments currently located outside of Palikir complex in rented accommodation									
<b>Strategic Alignment</b>										
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve natural disaster and climate change resilience	Improve access to/delivery of education	Improve capacity of government infrastructure agencies	Improve environmental outcomes/conditions	Improve financial sustainability of infrastructure	<b>Total Rating (out of 10)</b>	
3	2	2	3	2	3	3	5	5	6.2	
<b>Project Status:</b>	Concept									
<b>Inclusions:</b>	To be assessed as part of scope definition									
<b>Exclusions:</b>	To be assessed as part of scope definition									
<b>Risks &amp; Dependencies:</b>	To be assessed as part of scope definition									
<b>Estimated Planning &amp; Design Costs \$:</b>	493,000				<b>Estimated Construction Costs \$:</b>	4,438,000				

**Project N 32 – Backup Power Generation at Palikir (GB/5)**

<b>Project Title:</b>	Backup Power Generation at Palikir						<b>Sector:</b>	Government Administrative Buildings		
<b>Project Description/Scope:</b>	Provide alternative sources of around 500kW of electric power generation/storage at the Palikir Complex through a combination of diesel and solar									
<b>Agencies Responsible:</b>	DTCI Infrastructure Division									
<b>Project Objectives/Outcomes:</b>	Ensure that the impact of public electric power disruptions on the National Government’s administration and operation is minimized									
<b>Project Justification:</b>	Public electric power disruptions impact on the National Government’s administration and operation									
<b>Strategic Alignment</b>										
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve natural disaster and climate change resilience	Improve access to/delivery of education	Improve capacity of government infrastructure agencies	Improve environmental outcomes/conditions	Improve financial sustainability of infrastructure	<b>Total Rating (out of 10)</b>	
3	3	2	2	2	4	5	5	4	6.7	
<b>Project Status:</b>	Concept									
<b>Inclusions:</b>	Generating equipment/panels, facilities, cabling, switching and energy storage for around 500kW of backup electric power supply									
<b>Exclusions:</b>	To be assessed as part of scope definition									
<b>Risks &amp; Dependencies:</b>	To be assessed as part of scope definition									
<b>Estimated Planning &amp; Design Costs \$:</b>	100,000				<b>Estimated Construction Costs \$:</b>	1,963,000				

**Project N 33 – Conference Center (Micronesia Village Phase 1) (GB/6)**

<b>Project Title:</b>	Conference Center (Micronesia Village Phase 1)						<b>Sector:</b>	Government Administrative Buildings		
<b>Project Description/Scope:</b>	Develop the Micronesia Village Conference Center									
<b>Agencies Responsible:</b>	DTCI in conjunction with Department of Foreign Affairs and SPC									
<b>Project Objectives/Outcomes:</b>	Provide a Conference Center that supports the SPC Regional Office function of representing and coordinating programs for North Pacific members									
<b>Project Justification:</b>	SPC Regional Office is located in Pohnpei under an agreement with the National Government and current facilities are limited									
<b>Strategic Alignment</b>										
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve natural disaster and climate change resilience	Improve access to/delivery of education	Improve capacity of government infrastructure agencies	Improve environmental outcomes/conditions	Improve financial sustainability of infrastructure	<b>Total Rating (out of 10)</b>	
5	4	4	3	4	3	3	5	4	<b>7.8</b>	
<b>Project Status:</b>	Concept									
<b>Inclusions:</b>	To be assessed as part of scope definition									
<b>Exclusions:</b>	To be assessed as part of scope definition									
<b>Risks &amp; Dependencies:</b>	To be assessed as part of scope definition									
<b>Estimated Planning &amp; Design Costs \$:</b>	940,000				<b>Estimated Construction Costs \$:</b>	8,460,000				

**Project N 34 – Programme Buildings (Micronesia Village Phase 2) (GB/7)**

<b>Project Title:</b>	Programme Buildings (Micronesia Village Phase 2)						<b>Sector:</b>	Government Administrative Buildings		
<b>Project Description/Scope:</b>	Develop the Micronesia Village Programme Buildings (10 No.)									
<b>Agencies Responsible:</b>	DTCI in conjunction with Department of Foreign Affairs and SPC									
<b>Project Objectives/Outcomes:</b>	Provide Programme Buildings that support the SPC Regional Office function of representing and coordinating programs for North Pacific members and bring together development partners offices									
<b>Project Justification:</b>	SPC Regional Office is located in Pohnpei under an agreement with the National Government and current facilities are limited. Development partner offices are widely disbursed									
<b>Strategic Alignment</b>										
Support investment and economic growth	Improve private sector capacity and/or increase employment	Improve living conditions and/or income generation	Improve access to/delivery of public health services	Improve natural disaster and climate change resilience	Improve access to/delivery of education	Improve capacity of government infrastructure agencies	Improve environmental outcomes/conditions	Improve financial sustainability of infrastructure	<b>Total Rating (out of 10)</b>	
5	4	4	3	4	3	3	5	4	<b>7.8</b>	
<b>Project Status:</b>	Concept									
<b>Inclusions:</b>	To be assessed as part of scope definition									
<b>Exclusions:</b>	To be assessed as part of scope definition									
<b>Risks &amp; Dependencies:</b>	To be assessed as part of scope definition									
<b>Estimated Planning &amp; Design Costs \$:</b>	500,000				<b>Estimated Construction Costs \$:</b>	8,900,000				