

XXXVII. DEPARTMENT OF INFORMATION AND COMMUNICATIONS TECHNOLOGY

A. OFFICE OF THE SECRETARY

Appropriations/Obligations

(In Thousand Pesos)

<u>Description</u>	<u>( Obligation-Based )</u>		<u>( Cash-Based )</u>
	2017	2018	2019
New General Appropriations	2,998,882	4,712,323	4,258,608
General Fund	2,998,882	4,712,323	4,258,608
Automatic Appropriations	224,060	37,494	41,779
Grant Proceeds	189,753		
Retirement and Life Insurance Premiums	34,307	37,494	41,779
Continuing Appropriations	2,694,819		
Unobligated Releases for Capital Outlays R.A. No. 10717	749,270		
Unobligated Releases for MOOE R.A. No. 10717	1,945,549		
Budgetary Adjustment(s)	11,089		
Transfer(s) from:			
Miscellaneous Personnel Benefits Fund	12,572		
Pension and Gratuity Fund	1,110		
Transfer(s) to:			
Department of Education (DepEd) Office of the Secretary	( 291)		
Department of the Interior and Local Government (DILG) Bureau of Jail Management and Penology	( 283)		
Department of Science and Technology (DOST) Office of the Secretary	( 285)		
Department of Transportation (DOTr) Office of the Secretary	( 1,734)		
Total Available Appropriations	5,928,850	4,749,817	4,300,387
Unused Appropriations	( 332,296)		
Unobligated Allotment	( 332,296)		
TOTAL OBLIGATIONS	5,596,554	4,749,817	4,300,387

EXPENDITURE PROGRAM  
(in pesos)

GAS / STO / OPERATIONS / PROJECTS	<u>( Obligation-Based )</u>		<u>( Cash-Based )</u>
	2017 Actual	2018 Current	2019 Proposed
General Administration and Support	634,257,000	677,773,000	478,075,000
Regular	634,257,000	677,773,000	478,075,000
PS	448,796,000	354,562,000	276,055,000
MOOE	162,163,000	183,324,000	202,020,000
CO	23,298,000	139,887,000	

Support to Operations	<u>8,518,000</u>	<u>39,376,000</u>	<u>38,908,000</u>
Regular	<u>8,518,000</u>	<u>39,376,000</u>	<u>38,908,000</u>
PS	3,091,000	6,273,000	10,681,000
MOOE	5,427,000	25,968,000	22,228,000
CO		7,135,000	5,999,000
Operations	<u>306,427,000</u>	<u>4,032,668,000</u>	<u>3,783,404,000</u>
Regular	<u>306,427,000</u>	<u>1,663,274,000</u>	<u>1,792,288,000</u>
PS	97,059,000	204,260,000	325,792,000
MOOE	193,335,000	570,989,000	546,462,000
CO	16,033,000	888,025,000	920,034,000
Projects / Purpose		<u>2,369,394,000</u>	<u>1,991,116,000</u>
MOOE		2,358,438,000	1,981,904,000
CO		10,956,000	9,212,000
Projects / Purpose	<u>4,647,352,000</u>		
MOOE	3,689,086,000		
CO	958,266,000		
TOTAL AGENCY BUDGET	<u>5,596,554,000</u>	<u>4,749,817,000</u>	<u>4,300,387,000</u>
Regular	<u>949,202,000</u>	<u>2,380,423,000</u>	<u>2,309,271,000</u>
PS	548,946,000	565,095,000	612,528,000
MOOE	360,925,000	780,281,000	770,710,000
CO	39,331,000	1,035,047,000	926,033,000
Projects / Purpose	<u>4,647,352,000</u>	<u>2,369,394,000</u>	<u>1,991,116,000</u>
MOOE	3,689,086,000	2,358,438,000	1,981,904,000
CO	958,266,000	10,956,000	9,212,000

STAFFING SUMMARY

	<u>2017</u>	<u>2018</u>	<u>2019</u>
TOTAL STAFFING			
Total Number of Authorized Positions	1,016	1,016	1,016
Total Number of Filled Positions	1,016	1,016	1,016

Proposed New Appropriations Language

For general administration and support, support to operations, and operations, including locally-funded projects, as indicated hereunder.....P 4,258,608,000  
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OPERATIONS BY PROGRAM	<u>PROPOSED 2019 ( Cash-Based )</u>			
	<u>PS</u>	<u>MOOE</u>	<u>CO</u>	<u>TOTAL</u>
ICT GOVERNANCE PROGRAM	16,635,000	157,876,000	368,884,000	543,395,000
ICT SYSTEMS AND INFOSTRUCTURE DEVELOPMENT, MANAGEMENT, AND ADVISORY PROGRAM	48,667,000	2,186,458,000	272,722,000	2,507,847,000
ICT CAPACITY DEVELOPMENT AND MANAGEMENT PROGRAM	238,423,000	184,032,000	287,640,000	710,095,000

**EXPENDITURE PROGRAM BY CENTRAL / REGIONAL ALLOCATION, 2019 ( Cash-Based )**  
(in pesos)

REGION	PS	MOOE	CO	TOTAL
CENTRAL OFFICE	570,749,000	2,752,614,000	935,245,000	4,258,608,000
TOTAL AGENCY BUDGET	570,749,000	2,752,614,000	935,245,000	4,258,608,000
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**SPECIAL PROVISION(S)**

1. Reporting and Posting Requirements. The DICT shall submit quarterly reports on its financial and physical accomplishments, within thirty (30) days after the end of every quarter, through the following:

(a) Unified Reporting System (URS) or other electronic means for reports not covered by the URS; and

(b) DICT's website.

The DICT shall send written notice when said reports have been submitted or posted on its website to the DBM, House of Representatives, Senate of the Philippines, House Committee on Appropriations, Senate Committee on Finance, and other offices where the submission of reports is required under existing laws, rules and regulations. The date of notice to said agencies shall be considered the date of compliance with this requirement.

2. Appropriations for Activities or Projects. The amounts appropriated herein shall be used specifically for the following activities or projects in the indicated amounts and conditions:

New Appropriations, by Programs/Activities/Projects ( Cash-Based ), by Operating Units

		<u>Current Operating Expenditures</u>			
		<u>Personnel Services</u>	<u>Maintenance and Other Operating Expenses</u>	<u>Capital Outlays</u>	<u>Total</u>
<b>PROGRAMS</b>					
1000000000000000	General Administration and Support	257,045,000	202,020,000		459,065,000
100000100001000	General Management and Supervision	230,799,000	197,980,000		428,779,000
	National Capital Region (NCR)	230,799,000	197,980,000		428,779,000
	Central Office	230,799,000	197,980,000		428,779,000
100000100002000	Organization and Human Resource Management and Development	17,206,000	4,040,000		21,246,000
	National Capital Region (NCR)	17,206,000	4,040,000		21,246,000
	Central Office	17,206,000	4,040,000		21,246,000
100000100003000	Administration of Personnel Benefits	9,040,000			9,040,000
	National Capital Region (NCR)	9,040,000			9,040,000
	Central Office	9,040,000			9,040,000
	Sub-total, General Administration and Support	257,045,000	202,020,000		459,065,000
2000000000000000	Support to Operations	9,979,000	22,228,000	5,999,000	38,206,000
200000100001000	Internal Support Management Program	3,283,000	3,341,000		6,624,000

	National Capital Region (NCR)	<u>3,283,000</u>	<u>3,341,000</u>	<u>6,624,000</u>	
	Central Office	3,283,000	3,341,000	6,624,000	
200000100002000	Internal Systems and Standards Development and Management Program	<u>6,696,000</u>	<u>18,887,000</u>	<u>5,999,000</u>	<u>31,582,000</u>
	National Capital Region (NCR)	<u>6,696,000</u>	<u>18,887,000</u>	<u>5,999,000</u>	<u>31,582,000</u>
	Central Office	<u>6,696,000</u>	<u>18,887,000</u>	<u>5,999,000</u>	<u>31,582,000</u>
	Sub-total, Support to Operations	<u>9,979,000</u>	<u>22,228,000</u>	<u>5,999,000</u>	<u>38,206,000</u>
300000000000000	Operations	<u>303,725,000</u>	<u>2,528,366,000</u>	<u>929,246,000</u>	<u>3,761,337,000</u>
310000000000000	00 : An innovative, safe and happy nation that thrives through and is enabled by the extensive utilization of Information and Communications Technology	<u>303,725,000</u>	<u>2,528,366,000</u>	<u>929,246,000</u>	<u>3,761,337,000</u>
310100000000000	ICT GOVERNANCE PROGRAM	<u>16,635,000</u>	<u>157,876,000</u>	<u>368,884,000</u>	<u>543,395,000</u>
310100100001000	ICT Plans Development and Management	<u>14,673,000</u>	<u>18,079,000</u>		<u>32,752,000</u>
	National Capital Region (NCR)	<u>14,673,000</u>	<u>18,079,000</u>		<u>32,752,000</u>
	Central Office	14,673,000	18,079,000		32,752,000
310100100002000	ICT and Cybersecurity Policies Development and Management	<u>1,962,000</u>	<u>133,797,000</u>	<u>368,884,000</u>	<u>504,643,000</u>
	National Capital Region (NCR)	<u>1,962,000</u>	<u>133,797,000</u>	<u>368,884,000</u>	<u>504,643,000</u>
	Central Office	1,962,000	133,797,000	368,884,000	504,643,000
	Project(s)				
	Locally-Funded Project(s)		<u>6,000,000</u>		<u>6,000,000</u>
310100200001000	National ICT Household Survey		<u>6,000,000</u>		<u>6,000,000</u>
	National Capital Region (NCR)		<u>6,000,000</u>		<u>6,000,000</u>
	Central Office		6,000,000		6,000,000
310200000000000	ICT SYSTEMS AND INFOSTRUCTURE DEVELOPMENT, MANAGEMENT, AND ADVISORY PROGRAM	<u>48,667,000</u>	<u>2,186,458,000</u>	<u>272,722,000</u>	<u>2,507,847,000</u>
310201000000000	INNOVATION AND DEVELOPMENT SUB-PROGRAM	<u>35,455,000</u>	<u>2,052,909,000</u>	<u>200,775,000</u>	<u>2,289,139,000</u>
310201100001000	ICT Systems and Infostructure Development	<u>35,455,000</u>	<u>77,005,000</u>	<u>191,563,000</u>	<u>304,023,000</u>
	National Capital Region (NCR)	<u>35,455,000</u>	<u>77,005,000</u>	<u>191,563,000</u>	<u>304,023,000</u>
	Central Office	35,455,000	77,005,000	191,563,000	304,023,000
	Project(s)				
	Locally-Funded Project(s)		<u>1,975,904,000</u>	<u>9,212,000</u>	<u>1,985,116,000</u>
310201200001000	National Government Data Center Infrastructure		<u>177,002,000</u>		<u>177,002,000</u>
	National Capital Region (NCR)		<u>177,002,000</u>		<u>177,002,000</u>
	Central Office		177,002,000		177,002,000

310201200002000	Free Internet Wi-Fi Connectivity in Public Places		<u>1,166,401,000</u>		<u>1,166,401,000</u>
	National Capital Region (NCR)		<u>1,166,401,000</u>		<u>1,166,401,000</u>
	Central Office		<u>1,166,401,000</u>		<u>1,166,401,000</u>
310201200003000	National Broadband Plan		<u>43,329,000</u>		<u>43,329,000</u>
	National Capital Region (NCR)		<u>43,329,000</u>		<u>43,329,000</u>
	Central Office		<u>43,329,000</u>		<u>43,329,000</u>
310201200004000	National Government Portal		<u>309,277,000</u>	<u>9,212,000</u>	<u>318,489,000</u>
	National Capital Region (NCR)		<u>309,277,000</u>	<u>9,212,000</u>	<u>318,489,000</u>
	Central Office		<u>309,277,000</u>	<u>9,212,000</u>	<u>318,489,000</u>
310201200005000	Free Internet Wi-Fi Connectivity in State Universities and Colleges		<u>279,895,000</u>		<u>279,895,000</u>
	National Capital Region (NCR)		<u>279,895,000</u>		<u>279,895,000</u>
	Central Office		<u>279,895,000</u>		<u>279,895,000</u>
310202000000000	IMPLEMENTATION MANAGEMENT AND OPERATIONS SUB-PROGRAM	<u>13,212,000</u>	<u>133,549,000</u>	<u>71,947,000</u>	<u>218,708,000</u>
310202100001000	ICT Systems and Infostructure Management and Services	<u>13,212,000</u>	<u>133,549,000</u>	<u>71,947,000</u>	<u>218,708,000</u>
	National Capital Region (NCR)	<u>13,212,000</u>	<u>133,549,000</u>	<u>71,947,000</u>	<u>218,708,000</u>
	Central Office	<u>13,212,000</u>	<u>133,549,000</u>	<u>71,947,000</u>	<u>218,708,000</u>
310300000000000	ICT CAPACITY DEVELOPMENT AND MANAGEMENT PROGRAM	<u>238,423,000</u>	<u>184,032,000</u>	<u>287,640,000</u>	<u>710,095,000</u>
310300100001000	ICT Literacy Development and Management	<u>45,295,000</u>	<u>2,335,000</u>		<u>47,630,000</u>
	National Capital Region (NCR)	<u>45,295,000</u>	<u>2,335,000</u>		<u>47,630,000</u>
	Central Office	<u>45,295,000</u>	<u>2,335,000</u>		<u>47,630,000</u>
310300100002000	ICT Industry and Countryside Development	<u>193,128,000</u>	<u>181,697,000</u>	<u>287,640,000</u>	<u>662,465,000</u>
	National Capital Region (NCR)	<u>193,128,000</u>	<u>181,697,000</u>	<u>287,640,000</u>	<u>662,465,000</u>
	Central Office	<u>193,128,000</u>	<u>181,697,000</u>	<u>287,640,000</u>	<u>662,465,000</u>
	Sub-total, Operations	<u>303,725,000</u>	<u>2,528,366,000</u>	<u>929,246,000</u>	<u>3,761,337,000</u>
	TOTAL NEW APPROPRIATIONS	P 570,749,000	P 2,752,614,000	P 935,245,000	P 4,258,608,000
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Obligations, by Object of ExpendituresCYs 2017-2019  
(In Thousand Pesos)

	( Obligation-Based )		( Cash-Based )
	2017	2018	2019
Current Operating Expenditures			
Personnel Services			
Civilian Personnel			
Permanent Positions			
Basic Salary	307,720	312,441	347,339
Total Permanent Positions	<u>307,720</u>	<u>312,441</u>	<u>347,339</u>
Other Compensation Common to All			
Personnel Economic Relief Allowance	24,000	24,240	24,384
Representation Allowance	3,833	3,120	5,092
Transportation Allowance	3,813	3,120	5,092
Clothing and Uniform Allowance	5,060	5,050	6,096
Overtime Pay	1,039		
Mid-Year Bonus - Civilian	22,463	26,037	28,994
Year End Bonus	27,418	26,037	28,994
Cash Gift	4,900	5,050	5,080
Productivity Enhancement Incentive	4,850	5,050	5,080
Performance Based Bonus	12,572		
Step Increment		781	781
Total Other Compensation Common to All	<u>109,948</u>	<u>98,485</u>	<u>109,593</u>
Other Compensation for Specific Groups			
Magna Carta for Science & Technology Personnel	78,018	111,288	98,520
Quarters Allowance	113		
Longevity Pay	11,525		
Night Shift Differential Pay	110		
Total Other Compensation for Specific Groups	<u>89,766</u>	<u>111,288</u>	<u>98,520</u>
Other Benefits			
Retirement and Life Insurance Premiums	34,307	37,494	41,779
PAG-IBIG Contributions	1,200	1,212	1,219
PhilHealth Contributions	3,041	2,963	3,819
Employees Compensation Insurance Premiums	1,209	1,212	1,219
Loyalty Award - Civilian	645		
Terminal Leave	1,110		9,040
Total Other Benefits	<u>41,512</u>	<u>42,881</u>	<u>57,076</u>
TOTAL PERSONNEL SERVICES	<u>548,946</u>	<u>565,095</u>	<u>612,528</u>
Maintenance and Other Operating Expenses			
Travelling Expenses	34,913	60,650	57,820
Training and Scholarship Expenses	57,670	251,038	156,224
Supplies and Materials Expenses	123,227	88,727	55,635
Utility Expenses	38,076	60,113	58,050
Communication Expenses	8,398	27,726	17,160
Survey, Research, Exploration and Development Expenses		141	
Confidential, Intelligence and Extraordinary Expenses			
Extraordinary and Miscellaneous Expenses	2,665	1,500	2,800
Professional Services	292,108	347,308	313,944
General Services	41,860	37,869	77,200
Repairs and Maintenance	16,597	143,015	154,350
Taxes, Insurance Premiums and Other Fees	2,679	2,450	1,100
Other Maintenance and Operating Expenses			
Advertising Expenses	780	257	500
Printing and Publication Expenses	903	7,585	2,300
Representation Expenses	8,143	18,023	16,400
Transportation and Delivery Expenses	4,000	535	535

Rent/Lease Expenses	60,647	73,929	46,422
Membership Dues and Contributions to Organizations		298	250
Subscription Expenses	3,316,250	1,870,091	1,535,095
Other Maintenance and Operating Expenses	41,095	147,464	256,829
<b>TOTAL MAINTENANCE AND OTHER OPERATING EXPENSES</b>	<b>4,050,011</b>	<b>3,138,719</b>	<b>2,752,614</b>
<b>TOTAL CURRENT OPERATING EXPENDITURES</b>	<b>4,598,957</b>	<b>3,703,814</b>	<b>3,365,142</b>
<b>Capital Outlays</b>			
Property, Plant and Equipment Outlay			
Infrastructure Outlay	135,969	764	
Buildings and Other Structures	266,678	100,731	
Machinery and Equipment Outlay	514,885	539,755	606,151
Transportation Equipment Outlay		20,690	
Furniture, Fixtures and Books Outlay		6,000	5,000
Other Property Plant and Equipment Outlay	79,231		
Intangible Assets Outlay	834	378,063	324,094
<b>TOTAL CAPITAL OUTLAYS</b>	<b>997,597</b>	<b>1,046,003</b>	<b>935,245</b>
<b>GRAND TOTAL</b>	<b>5,596,554</b>	<b>4,749,817</b>	<b>4,300,387</b>

#### STRATEGIC OBJECTIVES

SECTOR OUTCOME : 1. People-centered, innovative, clean, efficient, effective, and inclusive delivery of public goods and services  
 2. Economic opportunities in industry and services expanded  
 3. Technology adopted, promoted and accelerated  
 4. Innovation stimulated  
 5. Infrastructure development accelerated and operations sustained

ORGANIZATIONAL OUTCOME : An innovative, safe and happy nation that thrives through and is enabled by the extensive utilization of Information and Communications Technology

#### PERFORMANCE INFORMATION

<u>ORGANIZATIONAL OUTCOMES (00s) / PERFORMANCE INDICATORS (PIs)</u>	<u>2017 GAA Targets</u>	<u>2017 Actual</u>
Widespread benefits to Filipinos from scientific knowledge and cutting-edge ICT innovations increased		
PH ranking in the Global IT-BPM Market Report	PH to maintain no. 2 ranking and to close gap with India, the global market leader	PH no. 1 in voice no. 2 in non-voice
PH ranking in the Global e-government Index	PH to land within the top 50 global e-government ranking by 2017	Philippines ranked 71st out of 193 countries in 2016
<u>MFO / Performance Indicators</u>	<u>2017 GAA Targets</u>	<u>2017 Actual</u>
<b>MFO 1: GOVERNMENT-WIDE ICT POLICY SERVICES</b>		
Number of plans and policies updated, issued and disseminated	11	30
Percentage of stakeholders who rate DICT plans and policies as satisfactory or better	95%	95%
Percentage of plans and policies that have been updated, issued and disseminated within the last two (2) years	100%	100%
<b>MFO 2: TECHNICAL ADVISORY SERVICES</b>		
Number of technical services rendered	110	649
Percentage of clients who rate the technical services as satisfactory or better	95%	95%
Percentage of technical services rendered within three (3) days of request	90%	90%

## MFO 3: ICT TRAINING SERVICES

Number of training courses provided	110	370
Average no. of training participants per course	90	241
Percentage of training course attendees who rate the course as satisfactory or better	95%	95%
Percentage of training courses that are delivered within one (1) month or less from request	100%	100%

## ORGANIZATIONAL OUTCOMES (Oos) / PERFORMANCE INDICATORS (PIs)

## 2018 GAA Targets

## Baseline

## 2019 Targets

An innovative, safe and happy nation that thrives through and is enabled by the extensive utilization of Information and Communications Technology

## ICT GOVERNANCE PROGRAM

## Outcome Indicators

- |   |   |  |   |
|---|---|--|---|
| 1. Improved ranking in the Global e-Government Development Index (EGDI) | To be in the Top 60 among all countries to be surveyed by 2022            | Philippines ranked 71st out of 193 countries in 2016 | To be in the Top 60 among all countries to be surveyed by 2022            |
| 2. Improved ranking in the Global Cybersecurity Index (GCI)             | To be in the Top 50 percentile among all countries to be surveyed by 2022 | Philippines ranked 37th out of 165 countries in 2017 | To be in the Top 50 percentile among all countries to be surveyed by 2022 |

## Output Indicators

- |   |   |   |  |
|---|---|---|--|
| 1. Number of national ICT plans developed and/or implemented  | 4 plans to be developed and/or to be implemented            | 4 plans developed and/or implemented                      | 4 plans to be developed and/or to be implemented   |
| 2. Number of policies and standards developed and/or implemented  | 15 policies and 30 standards<br>150 agencies' ISSP endorsed | 6 policies and 26 standards<br>79 agencies' ISSP endorsed | 15 policies and 30 standards;<br>1 survey to be published<br>130 agencies' ISSP endorsed |
| 3. Number of recommendations and position papers in ICT-related legislative bills and executive issuances | 15 recommendations/<br>position papers                      | 22 recommendations/<br>position papers                    | 12 recommendations/<br>position papers   |

## ICT SYSTEMS AND INFRASTRUCTURE DEVELOPMENT, MANAGEMENT, AND ADVISORY PROGRAM

## INNOVATION AND DEVELOPMENT SUB-PROGRAM

## Outcome Indicator

- |   |                       |                           |   |
|---|-----------------------|---------------------------|---|
| 1. Increased number of places with broadband access to government services and connectivity | 10% increase per year | 227 localities, 35 cities | 10% increase per year in number of places with broadband access/ connectivity |
|---|-----------------------|---------------------------|---|

## Output Indicators

- |   |   |  |   |
|---|---|--|---|
| 1. Number of developed ICT-enabled tools, applications and systems for public use | 2 cable landing stations (CLS)<br>3 authoritative registries<br>additional government data center | 3 National Government Data Centers; GovNet/ Regional GovNet; Secure GovNet Operations and Maintenance of 9 Shared Services; National Government Portal; Open Data Portal | 1 additional authoritative registry developed<br>100% production ready National Government Portal |
| 2. Number of interconnected government agencies                                   | Additional 34 government agencies   | 461 government agencies and institutions connected   | Additional 30 government agencies connected   |
| 3. Number of localities with connectivity   | Additional 5,308 sites in 1,500 cities  | 227 localities<br>35 cities  | Additional 5,302 sites in 1,368 localities with connectivity                                      |

## IMPLEMENTATION MANAGEMENT AND OPERATIONS SUB-PROGRAM

## Outcome Indicator

- |   |  |                        |  |
|---|--|------------------------|--|
| 1. Increased provision of technical assistance to government agencies | 10% increase in number of agencies provided with technical assistance per year | 301 technical services | 10% increase in number of agencies provided with technical assistance per year |
|---|--|------------------------|--|



## Output Indicators

1. Number of technical services provided	National Government Data Center 1 and 3; Fiber Optic Cable (FOC) backbone to 8 locations 1,368 websites in the Government Web Hosting Service 7 IT facilities	3 National Government Data Centers; GovNet/ Regional GovNet; Secure GovNet Operation and Maintenance of 9 Shared Services; National Government Portal; Open Data Portal	3 government data centers; 9 shared services, and other ICT facilities providing technical services
2. Number of government agencies who availed the technical services	120 government agencies (mandated and non-mandated)	133 National Government Agencies for GovCloud 545 National Government Agencies for Government Web Hosting Service	120 government agencies (mandated and non-mandated)
3. Number of operationalized and enhanced infrastructures	Rehabilitation of 38 DICT buildings, 38 DICT towers and 28 Access Roads	Existing infrastructures for enhancement/ rehabilitation: 187 Buildings 185 Towers 40 Access Roads	Rehabilitation of 12 DICT buildings, 12 DICT towers and 3 Access Roads

## ICT CAPACITY DEVELOPMENT AND MANAGEMENT PROGRAM

## Outcome Indicators

1. Increase in number of jobs generated in the Next Wave Cities	Additional 200,000 jobs generated in the Next Wave Cities by 2022	298,000 jobs generated in 2015	Additional 200,000 jobs generated in the Next Wave Cities by 2022
2. Increase in number of jobs generated in ICT Sector and IT-BPM industry	1.8 Million jobs generated by 2022	1.15 Million jobs generated as of 2016	1.8 Million jobs generated by 2022
3. Increase in income generated from ICT Sector and IT-BPM industry	38.8 Billion USD income by 2022	22.9 Billion USD income generated for the IT-BPM industry in 2016	38.8 Billion USD income by 2022
4. Increase in number of cities included in the Tholons Top 100 Super Cities	Yearly increase of at least 1 city	6 cities included in 2017	Yearly increase of at least 1 city
Output Indicators			
1. Number of capability development activities conducted	440	370	500 capacity development to be conducted nationwide
2. Number of ICT users trained	6,110	20,551	12,500 users trained
3. Number of ICT-enabled centers established in the communities	1,000	1,145	1,000 ICT-enabled centers established