Grant No. 25

128 - Information & Communication Technology Division

Medium Term Expenditure

(Taka in Thousands)

Description	Budget 2019-20	Projection	
		2020-21	2021-22
Operating Expenditure	285,09,00	302,48,00	320,93,00
Development Expenditure	1645,30,00	1745,66,00	1852,15,00
Total	**1930,39,00**	**2048,14,00**	**2173,08,00**
Recurrent	739,26,18	302,55,48	325,02,11
Capital	1191,07,25	1745,52,35	1847,98,83
Financial Asset	5,57	6,17	7,06
Liability	0	0	0
Total	**1930,39,00**	**2048,14,00**	**2173,08,00**

1.0 Mission Statement and Major Functions

1.1 Mission Statement

Trustworthy digital retreat at grassroot level, information technology based human resource development, export-oriented development of IT industry and establishment of a prosperous Sonar Bangla through the use of citizen-friendly IT technology.

1.2 Major Functions

1.2.1 Assisting the ministries/ agencies through implementing e-Government and e-Infrastructure;

1.2.2 Conducting publicity to take ICT services to the door steps of people;

1.2.3 Formulation of acts, policies and strategies etc. for ICT Division;

1.2.4 Preparing a guideline (roadmap) for making ICT services commercially profitable;

1.2.5 Coordination among different ministries and agencies on ICT related issues;

1.2.6 Implementation of recommendations of Digital Bangladesh Task Force;

1.2.7 Updating different activities through survey, design, research etc, and broadcast them, and

1.2.8 Taking initiatives to engage Bangladesh with ICT development activities in the international arena.

2.0 Medium Term Strategic Objectives and Activities

Medium-Term Strategic Objectives	Activities	Implementing Departments/Agencies
1	2	3
1. Strengthening e-Governance Framework	• Provide support regarding ICT to all government offices at field level.	• Directorate of ICT
	• Inspection of offices and establishments of licensed CAs	• Controller of Certifying Authorities
2. Human Resource Development on ICT sector	• Arrange ICT-related conference/ seminar/workshop and digital fair	• Secretariat • Bangladesh Computer

Medium-Term Strategic Objectives	Activities	Implementing Departments/Agencies
1	2	3
and Enhancement of mass awareness		• Council
	• Provide fellowship/scholarship for research work and grants for innovative projects on ICT	• Secretariat
	• Conduct ICT-related training programs at division, district and upazila level • Arrange competitions on ICT • Conduct examinations for enhancement of skills of ICT professionals	• Bangladesh Computer Council
	• Conduct training programs to introduce Digital signature • Arrange seminar/workshops on cyber security and digital signature at national level • Distribution of digital signature certificate	• Controller of Certifying Authorities
	• Establishment of ICT Lab in educational institutions • Develop skilled women entrepreneurs through ICT training • Training on e-nothi, portal and information technology at field level	• Directorate of ICT
	• Conduct training Programme on IT skill/freelancer	• Bangladesh Hi-tech Park Authority
3. Development of ICT Infrastructure	• Establish Hi-Tech Park/IT Village/ICT Incubator/Software Park/Private STP at divisional and district level	• Bangladesh Hi-tech Park Authority
	• Provide broadband connections at union level	• Bangladesh Computer Council
4. Development of ICT Industry	• Organize Digital World Event	• Bangladesh Computer Council
	• Provide fund and technical assistance to Start-Up/Idea under innovation planning and entrepreneurship development academy	
	• Provide Co-working Space with Mentoring facilities to Start-Ups	
	• Participation in international conferences/events	

3.0 Poverty and Gender Reporting

3.1 Impact of Medium Term Strategic Objectives on Poverty Reduction and Women's Advancement

3.1.1 Strengthening e-Governance framework

Impact on Poverty Reduction: Poverty reduction is being done by job creation for poor, meritorious and IT savvy unemployed people by organizing job fairs specially for trained and educated unemployed youths.

Impact on Women's Advancement: Direct and indirect effect has been made through creating employment of IT skilled women.

3.1.2 Human resource development in ICT sector and enhancement of mass awareness

Impact on Poverty Reduction: Different trainings on ICT are being provided at grass-root level to develop skill of ICT professionals, to create opportunities for enhanced income-generating activities for making suitable for local and international market which assists to reduce poverty.

Impact on Women's Advancement: Women are being involved in all the trainings including trainings which are arranged only for women. Through this, women entrepreneurs are being created through women's empowerment, enhancing competence and income generating activities.

3.1.3 Development of ICT Infrastructure

Impact on Poverty Reduction: Employment opportunities for the poor are being created as a result of ICT related infrastructure development activities resulting poverty reduction.

Impact on Women's Advancement: In ICT work-plan, priority is being given to women's participation to create equal opportunity. Women's participation in infrastructure development activities is also creating employment opportunities for them.]

3.1.4 ICT industry development

Impact on Poverty Reduction: By attracting domestic and foreign investments in information technology, export earning of ICT sector is increasing and generating huge employment and reducing poverty.

Impact on Women's Advancement: Indirect effect has been increasingly made this sector through employment generation of IT skilled women. This is creating huge opportunities for women entrepreneurs to participate in the ICT industry.

3.2 Poverty Reduction and Women's Advancement Related Spending

(Taka in Thousands)

Description	Budget 2019-20	Projection	
		2020-21	2021-22
Poverty Reduction	1529,16,37	1865,19,11	1980,94,18
Gender	344,82,52	589,72,42	626,32,38

4.1 Priority Spending Areas/Schemes

Priority Spending Areas/Schemes	Related Medium Term Strategic Objectives
1. Development of ICT Infrastructure In order to provide faster service to citizen by using more ICTs in the ministry/divisions and government agencies, priority has been given for improving infrastructure in the ICT sector	• Strengthening e-Governance Framework] • [Development of ICT Infrastructure
2. Establishment of Digital Bangladesh Information Technology is imperatives for building Digital Bangladesh. Also, it is necessary to create skilled manpower and entrepreneurs in this sector. So, in Bangladesh, IT sector has been given priority to establish as a important sector of earning foreign currency.	• Strengthening e-Governance Framework] • Human resource development on ICT sector and enhancement of mass awareness] • [Development of ICT Infrastructure

4.2 201) Medium Term Expenditure Estimates and Projection920 to 20-21-22(

4.2.1 Expenditure by Department/Agencies/Institutional Units

(Taka in Thousands)

Description	Budget	Revised	Budget 2019-20	Projection	
	2018-19			2020-21	2021-22
Secretariat	2571,85,21	1571,03,84	1841,45,48	1968,54,17	2089,49,33
Office of the Controller of Certifying Authority for Electronic Signature Certificate	3,98,26	4,07,46	4,30,00	4,48,48	4,70,90
Directorate of Information and Communication Technology	79,13,98	132,49,88	28,70,87	20,63,62	21,66,80
District Information & Communication Technology Offices	8,93,12	8,43,62	6,83,84	6,87,00	7,13,85
Upazila Information & Communication Technology Offices	17,19,43	21,10,67	49,08,81	47,60,73	50,07,12
Grand Total :	2681,10,00	1737,15,47	1930,39,00	2048,14,00	2173,08,00

4.2.2 penditure by Economic GroupEx

(Taka in Thousands)

Economic Group	Description	Budget	Revised	Budget 2019-20	Projection	
		2018-19			2020-21	2021-22
	Recurrent Expenditure					
3111	Wages and salaries in cash	56,98,09	61,02,45	46,26,23	42,36,34	44,55,91
3211	Administrative expenses	39,21,30	98,63,28	61,65,24	7,67,64	8,04,35
3221	Fees, charges and commissions	1,41,52	163,46,87	39,05	42,08	44,20
3231	Training	349,12,50	295,60,85	146,96,73	12,30,55	12,91,69
3241	Domestic travel and transfer	0	2,22,13	0	0	0
3242	Foreign travel and transfer	0	45,00	0	0	0
3243	Petrol, oil and lubricants	2,66,78	3,66,05	1,96,21	1,79,81	1,90,86
3244	Travel and Transfer	4,42,56	3,73,38	4,34,00	4,07,67	4,27,22
3253	Public order and safety supplies	87,80	59,50	8,00	8,96	9,45
3255	Printing and stationery	4,82,56	5,72,05	2,12,30	1,63,09	1,72,54
3256	General supplies and materials	0	91,24	3,00	50	50
3257	Professional services, honorariums and special expenses	162,38,83	105,44,66	43,74,55	50,71,24	55,83,04
3258	Repairs and maintenance	3,22,07	16,64,54	3,85,99	3,85,59	4,05,48
3631	Current grants	185,53,45	227,71,67	120,51,98	126,91,46	134,57,02
3632	Capital grants	4,75,16	27,54,16	29,82,02	32,70,02	33,59,29
3821	Current transfers not elsewhere classified	9,15,82	8,81,76	3,10,50	3,00,53	3,00,56
3823	Current transfers for projects	0	0	266,82,62	0	0
3911	Reserve	34,15,21	30,53	7,57,76	15,00,00	20,00,00
	Total : - Recurrent Expenditure	858,73,65	1022,50,12	739,26,18	302,55,48	325,02,11
	Capital Expenditure					
4111	Buildings and structures	520,10,56	319,13,66	5,47,00	71,25	83,01
4112	Machinery and equipment	322,81,91	337,26,66	35,73,25	13,39,10	14,20,67
4113	Other fixed assets	36,30,88	58,18,53	2,50,00	76,00	80,15
4141	Land	1,00	0	0	0	0
4211	Capital expenditure for project	0	0	859,71,38	0	0
4911	Reserve	943,03,00	0	287,65,62	1730,66,00	1832,15,00
	Total : - Capital Expenditure	1822,27,35	714,58,85	1191,07,25	1745,52,35	1847,98,83
	Assets					
7215	Loans	9,00	6,50	5,57	6,17	7,06
	Total : - Assets	9,00	6,50	5,57	6,17	7,06
	Grand Total :	2681,10,00	1737,15,47	1930,39,00	2048,14,00	2173,08,00

5.0 Key Performance Indicator (KPIs)

Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
			2017-18		2018-19		2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8	9	10
1. Increasing use of e-services	1,4	Number	15	15	15	15	16	18	20
2. Increasing Information Technology Export	2,3,4	Billion Taka	35	35	45	45	55	60	65
3. Expansion of broadband connectivity	1	%	75%	75%	80%	80%	90%	95%	100%
4. Establishment of hi-tech park/ software park across the country	3	Number	7	7	8	8	10	11	12
5. Employment Generation through IT Skills/Freelancers Training	2	Number (thousand)	7	7	7	7	15	25	35

6.0 Recent Achievements, Activities, Output Indicators and Targets and Expenditure Estimates of the Departments/Agencies

6.1 Secretariat

6.1.1 Recent Achievements: Information and Communication Technology Division has set up Sheikh Russell Digital Lab in 2901 educational institutions, Connectivity in 18,500 government offices at district and upazila levels, 800 video conferencing systems, 254 agricultural information & communication centres and 25 telemedicine centres within the country. 25,000 tabs have been distributed among government officials. 21 textbooks have been converted into digital multimedia texts for the 'first-to-fifth' grade students of primary school. National Emergency Service '999' has been launched to provide emergency services (Police, Ambulance, Fire) to people.

6.1.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2017-18		2018-19		2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8	9	10	11
1. Arrange ICT-related conference/ seminar/workshop/digital fair	Fair/ workshop organized	2	Number	10	19	15	10	12	14	16
2. Provide fellowship/scholarship for research work and grants for innovative projects on ICT	persons/ institutions received grants	2	Number	135	135	160	170	170	180	185

6.1.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2017-18	Budget	Revised	Medium Term Expenditure Estimates		
			2018-19		2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8
Operating Activities							
General Activity							
1280101 - Secretariat	1-2	31,80,90	36,70,21	32,42,69	51,54,00	59,93,17	65,83,94
Total : General Activity		**31,80,90**	**36,70,21**	**32,42,69**	**51,54,00**	**59,93,17**	**65,83,94**
Special Activity							
120000801 - Loans to Government Employees		0	0	0	3,00	3,52	4,08
120008431 - Research & Inovation Activity	2	0	10,00,00	10,00,00	10,00,00	10,00,00	10,00,00
127001501 - Asia Pacific Training Centre for Information and Communication Technology (APCICT)	2	0	0	0	15,00	15,00	15,00
127017901 - Unicode Consortium	2	0	0	0	15,00	15,00	15,00
Total : Special Activity		**0**	**10,00,00**	**10,00,00**	**10,33,00**	**10,33,52**	**10,34,08**
Support Activity							
131019100 - Digital Security Agency	1-2	0	0	20,00	2,00,00	3,27,00	3,50,50

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2017-18	Budget	Revised	Medium Term Expenditure Estimates		
			2018-19		2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8
136001500 - Asia Pacific Training Centre for Information and Communication Technology (APCICT)	1-2	9,41	10,00	10,00	0	0	0
136017900 - Unicode Consortium	1	9,56	10,00	10,15	0	0	0
Total : Support Activity		18,97	20,00	40,15	2,00,00	3,27,00	3,50,50
Total : Operating Activities		31,99,87	46,90,21	42,82,84	63,87,00	73,53,69	79,68,52
Development Activities							
Non-Annual Development Program							
213005800 - Special Programme for ICT Sector Development	1-2	0	20,00,00	0	6,43,48	15,00,00	20,00,00
Total : Non-Annual Development Program		0	20,00,00	0	6,43,48	15,00,00	20,00,00
Annual Development Program							
221000128 - Reserve for unapproved project Information and Communication Technology Division	1-2	0	939,38,00	0	286,62,00	1730,66,00	1832,15,00
224022100 - Learning and Earning Development Project (01/01/2014-30/06/2017)	1-2	34,86,51	127,42,00	7,44,00	100,00,00	0	0
224022700 - Skills development and application of mobile gaming(01//06/2016 - 30/06/2018)	2	5,62,51	1,00	91,97,00	88,00,00	0	0
224253300 - Development of ICT Infrastructure, Human Resources and Technology Skills of the National Parliament Secretariat Project	1-2	0	0	1,24,00	26,50,00	0	0
Total : Annual Development Program		40,49,02	1066,81,00	100,65,00	501,12,00	1730,66,00	1832,15,00
Total : Development Activities		40,49,02	1086,81,00	100,65,00	507,55,48	1745,66,00	1852,15,00
Total :		72,48,89	1133,71,21	143,47,84	571,42,48	1819,19,69	1931,83,52

6.2   Bangladesh Computer Council

6.2.1   Recent Achievements: As part of the e-governance implementation 18,434 government offices have been connected to the national e-government network; Broadband internet connection has been provided in 2000 Unions; Capacity of National Data Centre has been enhanced; Disaster Recovery Centre has been established in Jessore; With a view to simplifying e-services delivery like e-Recruitment System, Project Tracking System, Food Grain Procurement Management System and online system for Geo-spatial data management service 'GeoDash' has been developed under National Enterprise Architecture (NEA). A total of 43631 people including 691 persons with disabilities were trained in the last 3 years; Job placement of 330 persons with disabilities through job fair.

6.2.2   Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2017-18		2018-19		2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8	9	10	11
1. Arrange ICT-related conference/ seminar/workshop and digital fair	organized Fair/workshop	2	No.	50	82	30	30	30	30	35
2. Conduct ICT-related training programs at division, district and upazila levels	trained Person	2	No (thousand)	21.06	11.56	4.50	4.50	5.00	5.50	6.00
3. Arrange competitions on ICT sector	organized Competitions	2	No (thousand)	6	4	6	6	6	8	9
4. Conduct examinations for ICT professionals	trained Professionals	2	No. (thousand)	5.70	3.55	0.75	0.75	0.80	0.85	0.90
5. Provide broadband connections at union level	established Connections	3	No.	1500	1100	3372	3372	300	472	500
6. Organize Digital World Event	Participated Institutions	4	No	-	180	200	200	200	210	220
7. Provide fund and technical assistance to start-up/Idea under innovation planning and entrepreneurship development academy	Start-up / Idea	4	No	-	-	50	50	55	60	65

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2017-18		2018-19		2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8	9	10	11
8. Provide co-working space with mentoring facilities to start-ups.	Beneficiary	4	No	-	-	30	30	35	40	45
9. Participation in international conferences/events	Participated Events	4	No	-	-	4	4	5	6	7

6.2.3   Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2017-18	Budget	Revised	Medium Term Expenditure Estimates		
			2018-19		2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8
Operating Activities							
Support Activity							
131005300 - Bangladesh Computer Council	1-5	87,23,80	98,60,00	173,60,00	118,34,00	124,34,48	130,65,81
Total : Support Activity			98,60,00	173,60,00	118,34,00	124,34,48	130,65,81
Total : Operating Activities			98,60,00	173,60,00	118,34,00	124,34,48	130,65,81
Development Activities							
Annual Development Program							
223004200 - Formation of the e-Government Master Plan for Digital Bangladesh (01/02/2016-30/06/2019) Approved	2-3	5,69,50	12,51,00	11,71,00	0	0	0
223033200 - The Project for Skills Development of IT Engineers Targeting Japanese Market	4	0	0	10,84,00	27,06,00	0	0
224022200 - Establishment of IV Tier National Data Center (4TDC) (01/07/2015 - 30/06/218)	5	561,96,31	1,00	282,28,00	62,77,00	0	0
224022400 - Leveraging ICT For Growth, Employment and Governance Project (01/02/2013-30/06/2019) Un-approved	4	95,24,09	320,16,00	332,05,00	0	0	0
224022900 - Bangladesh e-Government ERP (01/07/2016-30/06/2018) Approved	1-2	3,62,00	1,00	7,15,00	10,93,00	0	0
224023000 - IDEA: Innovation Design and Entrepreneurship Academy (01/07/2016-30/06/2019) Approved	3	8,35,50	53,00,00	15,19,00	60,00,00	0	0
224023100 - Establishment of Software Quality Testing and Certification (SQTC) Centre. (01/07/2016-30/06/2018) Approved	4	4,70,00	1,00	4,66,00	15,00	0	0
224023200 - Development of National ICT Infra-Network for Bangladesh Government Phase-III (Info Sarker Phase-3) (01/01/2017-30/06/2018) Approved	5	114,08,00	1,00	97,86,00	1,00	0	0
224023300 - Enhancement of Bangla Language in ICT through Research & Development (01/07/2016-30/06/2019) Approved	2	1,23,00	13,00,00	2,97,00	47,84,00	0	0
224125900 - Empowerment of Persons with Disabilities including NDD through ICT	1-5	0	8,00,00	4,75,00	18,07,00	0	0
224126400 - Digital Island Moheshkhali (01/01/2017-31/12/2018)	5	0	6,84,00	8,10,00	1,00	0	0
224145000 - Digital Sylhet City	5	0	20,10,00	7,77,00	22,33,00	0	0
224230100 - Establishment of Secured email for Government & Digital Literacy Center	1-5	0	19,70,00	51,57,00	61,53,00	0	0
Total : Annual Development Program		794,88,40	453,35,00	836,90,00	310,70,00	0	0
Total : Development Activities		794,88,40	453,35,00	836,90,00	310,70,00	0	0
Total :		882,12,20	551,95,00	1010,50,00	429,04,00	124,34,48	130,65,81

6.3   Bangladesh Hi-tech Park Authority

6.3.1   Recent Achievements: Bangladesh High-Tech Park Authority has completed the work of Sheikh Hasina Software Technology Park, Jessore. In these two software technology parks, 1857 persons are working. Bangladesh High-Tech Park Authority has trained up 10500 persons out of, 4456 persons have been provided employment. Additionally, 5872 persons are working in 13 private software technology parks.

6.3.2   Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2017-18		2018-19		2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8	9	10	11
1. High-tech Park /IT Village/ICT Incubator/ Software Park / Private STP Installation at Division and District Level	established Park	3	Number]	7	6	8	6	8	9	10
2. Training on IT skill / freelancing	Trained manpower	2	[Number Thousand	7	5	7	7	10	15	25

6.3.3   Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2017-18	Budget	Revised	Medium Term Expenditure Estimates		
			2018-19		2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8
Operating Activities							
Support Activity							
131007400 - Bangladesh Hi-Tech Park Authority	1-2	20,55,40	19,21,00	19,21,00	23,00,00	25,00,00	27,00,00
Total : Support Activity		**20,55,40**	**19,21,00**	**19,21,00**	**23,00,00**	**25,00,00**	**27,00,00**
Total : Operating Activities		**20,55,40**	**19,21,00**	**19,21,00**	**23,00,00**	**25,00,00**	**27,00,00**
Development Activities							
Annual Development Program							
224022300 - Basic Infrastructure for Hi-Tech, Sylhet (Sylhet Electronics city) Project. (01/01/2016 - 31/12/2018)	1	55,00,00	70,00,00	70,00,00	114,84,00	0	0
224022500 - Support to Development of Kaliakoir Hi-Tech Park (31/01/2013 - 31/12/2019)	1	47,71,22	50,00,00	50,00,00	58,00,00	0	0
224023400 - Establishment of Bangabandhu Rajshahi Hi-Tech Park (Borendro Silicon City) (01/07/2016-30/06/2019) Approved	1	2,50,75	199,64,00	63,97,00	84,00,00	0	0
224023500 - Sheik Kamal IT Training and Incubation Centre. (01/01/2017 - 31/12/2019)	2	22,26,25	90,00,00	62,68,00	100,14,00	0	0
224125300 - Establishment of IT Business Incubator at Chattogram University of Engineering and Technology	1	0	23,80,00	5,22,00	61,00,00	0	0
224126000 - Establishment of IT/Hi-Tech Park at District level (12 Districts)	1	0	433,54,00	41,48,00	400,00,00	0	0
Total : Annual Development Program		**127,48,22**	**866,98,00**	**293,35,00**	**817,98,00**	**0**	**0**
Total : Development Activities		**127,48,22**	**866,98,00**	**293,35,00**	**817,98,00**	**0**	**0**
Total :		**148,03,62**	**886,19,00**	**312,56,00**	**840,98,00**	**25,00,00**	**27,00,00**

6.4   Controller of the Certifying Authority

6.4.1   Recent Achievements: Within FY2015-16 to 2017-18, 06 Licensed Organizations as a CA have completed their own technical process and distributed Digital Signature Certificates and services to government-non-governmental organizations and interested individuals.600 public officials have been awarded of digital signature. In 40 schools/colleges throughout the country, 10 thousand students of 9th-12th class have been given cyber-security training in their hands in "Cyber Security Awareness for Women Empowerment" workshop. At CCA office, PKI system, cyber forensic labs,3 software based online services called Digital Evidence Management & Reporting System (DEMRS), Leave Management Service and Training Calendar Automation have been upgraded, setup and introduced respectively.

6.4.2   Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2017-18		2018-19		2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8	9	10	11
1. Training on the introduction of digital signatures in the use and	Trained manpower	2	No. (person)	500	500	600	600	600	650	700

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2017-18		2018-19		2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8	9	10	11
application of information and technology										
2. Inspect offices and establishment of licensed CAs	inspected CA offices	1	No	6	6	6	6	6	6	6
3. Arrange seminar/workshops on cyber security at national level	organized Seminar	2	No	7	7	8	8	7	8	8
4. Digital Signature Certificate Delivery	users	2	No	500	500	600	600	600	650	700

6.4.3   Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2017-18	Budget	Revised	Medium Term Expenditure Estimates		
			2018-19		2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8
Operating Activities							
General Activity							
1280102 - Office of the Controller of Certifying Authority for Electronic Signature Certificate	1	2,75,97	3,98,26	4,07,46	4,27,43	4,45,83	4,67,92
Total : General Activity		**2,75,97**	**3,98,26**	**4,07,46**	**4,27,43**	**4,45,83**	**4,67,92**
Special Activity							
120000801 - Loans to Government Employees	1	0	0	0	2,57	2,65	2,98
Total : Special Activity		**0**	**0**	**0**	**2,57**	**2,65**	**2,98**
Total : Operating Activities		**2,75,97**	**3,98,26**	**4,07,46**	**4,30,00**	**4,48,48**	**4,70,90**
Total :		**2,75,97**	**3,98,26**	**4,07,46**	**4,30,00**	**4,48,48**	**4,70,90**

6.5   Directorate of Information and Communication Technology

6.5.1   Recent Achievements: 2901 Labs have been set up in different educational institutions in 64 districts by Directorate of Information and Communication Technology and 14505 teachers including head masters have been trained up in different durations. Advanced computer labs and libraries have been set up at ICT Tower. A total number of 500 young male and female are employed by arranging BPO Summit.

6.5.2   Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2017-18		2018-19		2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8	9	10	11
1. Provide support on ICT in all government offices at district and upazila level	ICT support Provided at District and Upazila level offices	1	Number	11000	11712	11500	17568	18000	20000	25000
2. Establish ICT lab at educational institutions	established Lab	2	Number	1000	900	5000	1275	8500	8500	8500
3. Create skilled women entrepreneurs through ICT training	trained Women entrepreneurs	2	Number person	1500	0	1000	9915	11251	10666	10666
4. e-file, Portal and ICT training at field level	Number of trainees	2	Number person	0	10000	0	12575	15000	20000	25000

6.5.3   Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2017-18	Budget	Revised	Medium Term Expenditure Estimates		
			2018-19		2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8
General Activity							
1280201 - Directorate of Information and Communication Technology		31,84,66	18,12,98	17,65,88	19,65,35	20,63,62	21,66,80
1280202 - District Information & Communication Technology Offices		0	8,93,12	8,43,62	6,83,84	6,87,00	7,13,85

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2017-18	Budget	Revised	Medium Term Expenditure Estimates		
			2018-19		2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8
1280203 - Upazila Information & Communication Technology Offices		0	17,19,43	21,10,67	49,08,81	47,60,73	50,07,12
Total : General Activity		**31,84,66**	**44,25,53**	**47,20,17**	**75,58,00**	**75,11,35**	**78,87,77**
Total : Operating Activities		**31,84,66**	**44,25,53**	**47,20,17**	**75,58,00**	**75,11,35**	**78,87,77**
Development Activities							
Non-Annual Development Program							
213029300 - ICT Training and Infrastructure Establishment Program in Recently Extinct Enclaves (ITP-REE) (July, 2018 - June, 2020)	1-3	0	0	0	6,07,52	0	0
Total : Non-Annual Development Program		**0**	**0**	**0**	**6,07,52**	**0**	**0**
Annual Development Program							
224022600 - Establishment of Computer and Language Training Lab in Educational Institutions all over the Country (01/01/2015-30/06/2017) approved	2	76,95,72	1,00	37,18,00	0	0	0
224125400 - The Women's Power help of Technology.	3	0	61,00,00	77,66,00	2,98,00	0	0
Total : Annual Development Program		**76,95,72**	**61,01,00**	**114,84,00**	**2,98,00**	**0**	**0**
Total : Development Activities		**76,95,72**	**61,01,00**	**114,84,00**	**9,05,52**	**0**	**0**
Total :		**108,80,38**	**105,26,53**	**162,04,17**	**84,63,52**	**75,11,35**	**78,87,77**