**Grant No. 25**

**128 - Information & Communication Technology Division**

**Medium Term Expenditure**

(Taka in Thousands)

|  |  |  |  |
| --- | --- | --- | --- |
| Description | Budget  2024-25 | Projection | |
| 2025-26 | 2026-27 |
| Operating Expenditure |  |  |  |
| Development Expenditure |  |  |  |
| **Total** |  |  |  |
|  | | | |
| Recurrent |  |  |  |
| Capital |  |  |  |
| Financial Asset |  |  |  |
| Liability |  |  |  |
| **Total** |  |  |  |

**1.0 Mission Statement and Major Functions**

**1.1 Mission Statement**

Trustworthy digital retreat at grassroots 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. Assisting the ministries/ agencies through implementing e-Government and e-Infrastructure;
    2. Conducting publicity to take ICT services to the door steps of people;
    3. Formulation of acts, policies and strategies etc. for ICT Division;
    4. Preparing a guideline (roadmap) for making ICT services commercially profitable;
    5. Coordination among different ministries and agencies on ICT related issues;
    6. Implementation of recommendations of Digital Bangladesh Task Force;
    7. Updating different activities through survey, design, research etc, and broadcast them, and
    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 |
| 1. Human Resource Development on ICT sector and Enhancement of mass awareness | * Arrange ICT-related conference/ seminar/workshop and digital fair | * Secretariat * Bangladesh Computer 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 |
| 1. 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 |
| 1. 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:** The various information services of the National Broadcasting Corporation are facilitating income-generating tasks. In addition, through video conferencing, grassroots people are able to easily communicate with the central government, which is playing a significant role in solving any problem they face. Also, poverty alleviation is being done by organizing job fairs for specially able and educated unemployed youths and providing employment opportunities to the poor, talented and unemployed with IT knowledge.

**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  2024-25 | Projection | |
| --- | --- | --- | --- |
| 2025-26 | 2026-27 |
| Poverty Reduction |  |  |  |
| Gender |  |  |  |

**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 Smart** Bangladesh  Information Technology is imperatives for building Smart 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 Medium Term Expenditure Estimates and Projection (2024-25 to 2026-27)**

**4.2.1 Expenditure by Department/Agencies/Institutional Units**

(Taka in Thousands)

| Description | Budget | Revised | Budget  2024-25 | Projection | |
| --- | --- | --- | --- | --- | --- |
| 2023-24 | | 2025-26 | 2026-27 |
|  |  |  |  |  |  |

**4.2.2 Expenditure by Economic Group Wise**

(Taka in Thousands)

| Economic  Group | Description | Budget | Revised | Budget  2024-25 | Projection | |
| --- | --- | --- | --- | --- | --- | --- |
| 2023-24 | | 2025-26 | 2026-27 |
|  |  |  |  |  |  |  |

**5.0 Key Performance Indicator (KPIs)**

| Indicator | Related Strategic Objectives | Unit | Revised  Target | Actual | Target | Revised Target | Medium Term Targets | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2022-23 | | 2023-24 | | 2024-25 | 2025-26 | 2026-27 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1. Increasing use of e-services | 1,4 | Number in crore | 17 |  | 20 |  | 22 | 23 |  |
| 1. Increasing Information Technology Export | 2,3,4 | Million Dollar | 1400 |  | 3000 |  | 4500 | 5000 |  |
| 1. Expansion of broadband connectivity | 1 | Number Iin Million | 127 |  | 129 |  | 130 | 132 |  |
| 1. Establishment of hi-tech park/ software park across the country | 2 | Number | 14000 |  | 5000 |  | 5000 | 6000 |  |

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

**6.1 Secretariat**

**6.1.1 Recent Achievements:** During the fiscal years 2019-20, 2020-21 and FY 2021-22 the establishment of 5,000 Sheikh Russell Digital Labs, formation of Data Center Company Ltd. and Start-up Bangladesh Limited Company and establishment of 44 Hi-Tech Parks are very much remarkable achievement. A total of 529 people received fellowships/scholarships, innovation grants, 10500 women received training and internships, 919 women were employed, 5000 trainees were trained through Coursera, 21854 people including 3080 disabled persons were trained and 410 disabled persons were employed. 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 | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2022-23 | | 2023-24 | | 2024-25 | 2025-26 | 2026-27 |
| 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 | 35 |  | 35 |  | 35 | 35 |  |
| 2. Provide fellowship/scholarship for research work and grants for innovative projects on ICT | persons/ institutions received grants | 2 | Number | 177 |  | 200 |  | 210 | 220 |  |

**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  2022-23 | Budget | Revised | Medium Term Expenditure Estimates | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 2023-24 | | 2024-25 | 2025-26 | 2026-27 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|  |  |  |  |  |  |  |  |

**6.2 Bangladesh Computer Council**

**6.2.1 Recent Achievements:** During the fiscal years 2019-20, 2020-21 and FY 2021-22 connecting a total of 18434 government offices to the National e-Government Network for the implementation of e-Governance; Providing Broadband Internet Connection to 2600 Unions; Capacity building of National Data Center and establishment of Disaster Recovery Center at Jessore; E-Recruitment System, Project Progress Tracker System, Food Grain Procurement Management System, GeoDash.gov.bd-Online system for GEOSpatial data Management services have been developed under the National Enterprise Architecture to facilitate e-services. A total of 21854 persons including 3080 persons with disabilities have been trained and 410 persons with disabilities have been employed through job fairs in the past three years to improve the country's information technology capacity. 5000 trainees have been facilitated to take 4000+ courses through Coursera, an international platform for skills development during the Corona crisis. National and International Programming Competitions like NGPC, NCPC, ICPC and IT Competition for People with Disabilities; National Child Programming Competition is organized for primary and secondary level to develop programming culture.

**6.2.2 Activities, Output Indicators and Targets**

| Activities | Output Indicator | Related Strategic Objectives | Unit | Revised Target | Actual | Target | Revised Target | Medium Term Targets | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2022-23 | | 2023-24 | | 2024-25 | 2025-26 | 2026-27 |
| 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. | 20 |  | 47 |  | 50 | 40 |  |
| 1. Conduct ICT-related training programs at division, district and upazila levels | trained Person | 2 | No (thousand) | 4.00 |  | 4.03 |  | 3.58 | 4.00 |  |
| 1. Arrange competitions on ICT sector | organized Competitions | 2 | No (thousand) | 4 |  | 7 |  | 7 | 4 |  |
| 1. Conduct examinations for ICT professionals | trained Professionals | 2 | No.  (thousand) | 0.50 |  | 0.90 |  | 0.90 | 0.90 |  |
| 1. Provide broadband connections at union level | established Connections | 3 | No. | 300 |  | 317 |  | 0 | 0 |  |
| 1. Organize Digital World Event | Participated  Institutions | 4 | No | 0 |  | 240 |  | 250 | 260 |  |
| 1. Provide fund and technical assistance to start-up/Idea under innovation planning and entrepreneurship development academy | Start-up / Idea | 4 | No | 88 |  | 121 |  | 9 | 200 |  |
| 1. Provide co-working space with mentoring facilities to start-ups. | Beneficiary | 4 | No | 92 |  | 65 |  | 0 | 700 |  |
| 1. Participation in international conferences/events | Participated Events | 4 | No | - |  | 8 |  | 8 | - |  |

**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  2022-23 | Budget | Revised | Medium Term Expenditure Estimates | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 2023-24 | | 2024-25 | 2025-26 | 2026-27 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|  |  |  |  |  |  |  |  |

**6.3 Bangladesh Hi-tech Park Authority**

6.3.1 **Recent Achievements**: During the fiscal years 2019-20, 2020-21 and fiscal year 2021-22 44 Hi-Tech/Software Technology Parks/Sheikh Kamal IT Training and Incubation Centers have been set up under the supervision of Hi-Tech Park Authority. About 193 IT institutions are operating in these hi-tech parks. A total of 23,000 (twenty three thousand) people have been employed in these companies. Besides, space has been allotted to 160 startup companies. 33 specialized labs on frontier technology have been established in various universities to produce skilled human resources. More than 36,000 (thirty six thousand) people have completed 4th Industrial Revolution IT training. Moreover, Nokia, Maximus handsets, digital devices, optic fiber, kidney dialysis machines and Talpata brand laptops are being manufactured at Bangabandhu Hi-Tech City, Kaliakor Gazipur. Already, various companies have made private investment of about 600 crore rupees in various 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 | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2022-23 | | 2023-24 | | 2024-25 | 2025-26 | 2026-27 |
| 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 | 5 | Number] | 6 |  | 10 |  | 15 | 25 |  |
| 1. Training on IT skill / freelancing | Trained manpower | 12 | [Number Thousand | 20 |  | 30 |  | 30 | 30 |  |

**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  2022-23 | Budget | Revised | Medium Term Expenditure Estimates | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 2023-24 | | 2024-25 | 2025-26 | 2026-27 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|  |  |  |  |  |  |  |  |

**6.4 Controller of the Certifying Authority**

**6.4.1 Recent Achievements**: From FY 2019-20 to FY 2021-22, CCA office provided “digital signature training to 2344 government officials and 4,264 digital signature certificates at consumer level. From the fiscal year 2019-20 to the fiscal year 2021-2022, 53,678 adolescent girls across the country have been provided hands-on cyber security training through workshops on “Digital Security Awareness for Girls”. 120 government officials have been given local training on cyber and forensics under the project titled CA Monitoring System Deployment and Security Provision. As an international quality organization, CCA office has obtained a total of 6 Web Trust Seals from CA Browser Forum in 5 subjects. Digital signature has already been implemented in 2 institutions (TIN certificate of RJSC and NBR). Besides, implementation of digital signature in ibas++, Bangladesh Bank, Passport, CPTU and e-documents is ongoing.

**6.4.2 Activities, Output Indicators and Targets**

| Activities | Output Indicator | Related Strategic Objectives | Unit | Revised Target | Actual | Target | Revised Target | Medium Term Targets | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2022-23 | | 2023-24 | | 2024-25 | 2025-26 | 2026-27 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 1. Training on the introduction of digital signatures in the use and application of information and technology | Trained manpower | 2 | No.  (person) | 500 |  | 1000 |  | 2000 | 3000 |  |
| 1. Inspect offices and establishment of licensed CAs | inspected CA offices | 1 | No | 6 |  | 6 |  | 6 | 6 |  |
| 1. Arrange seminar/workshops on cyber security at national level | organized Seminar | 2 | No.  (person) | 12000 |  | 15000 |  | 20000 | 30000 |  |
| 1. Digital Signature Certificate Delivery | Trrainee Person | 2 | No.  (person) | 4 |  | 4 |  | 4 | 4 |  |

**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  2022-23 | Budget | Revised | Medium Term Expenditure Estimates | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 2023-24 | | 2024-25 | 2025-26 | 2026-27 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|  |  |  |  |  |  |  |  |

**6.5 Directorate of Information and Communication Technology**

**6.5.1 Recent Achievements**: During the FY 2019-20, 2020-21 and FY 2021-22, 5000 Sheikh Russell digital labs have been installed in various educational institutions and 300 Schools of Future have been established through the project entitled "Establishment of computer and language training labs in educational institutions across the country". Also, 15 Sheikh Russell Digital Labs have been provided to Bangladesh community in Saudi Arabia. Establishment of Digital Connectivity (EDC) and rate power schemes have been approved. A total of 500 youths employment have been created by organizing the BPO Summit. Bangladesh Public Service Commission has appointed 1(one) 6th grade 1 (one) 10th grade in head office, 52 assistant network engineers in district office and 67 assistant programmers in upazila office and internship Trainning have been given to a total of 10500 women. Also a total of 919 women have been employed through the project titled “Empowerment of Women through Technology”.

**6.5.2 Activities, Output Indicators and Targets**

| Activities | Output Indicator | Related Strategic Objectives | Unit | Revised Target | Actual | Target | Revised Target | Medium Term Targets | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2022-23 | | 2023-24 | | 2024-25 | 2025-26 | 2026-27 |
| 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 | 15000 |  | 15500 |  | 16000 | - |  |
| 1. Establish ICT lab at educational institutions | established Lab | 2 | Number | 5000 |  | - |  | - | - |  |
| 1. Create skilled women entrepreneurs through ICT training | trained Women entrepreneurs | 2 | Number person | - |  | 10000 |  | 15125 | - |  |
| 1. e-file, Portal and ICT training at field level | Number of trainees | 2 | Number person | 3500 |  | 30000 |  | 2000 | 1000 |  |

**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  2022-23 | Budget | Revised | Medium Term Expenditure Estimates | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 2023-24 | | 2024-25 | 2025-26 | 2026-27 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|  |  |  |  |  |  |  |  |

**6.6 Digital Security Agency**

**6.6.1 Recent Achievements:** The 'Digital Security Agency' has been constituted as per Section-5 of the 'Digital Security Act-2018' to establish a secure cyber space for Bangladesh in FY 2019-20, 2020-21 and 2021-22. Digital Security Help-Desk has been launched through 333 to provide basic assistance and advice to people regarding cyber security. Cyber ​​awareness advice has already been provided to more than 10 target people through help-desk. Online course 'Muktpath' on digital security has been launched to enhance skills in cyber security, through which nearly 60 thousand students have registered in the course. About 6000 officials and employees of various government offices and students of educational institutions have been provided cyber awareness training. Around 70 lakh people have been sensitized through “Aasal Chini” campaign jointly with LICT project to raise awareness about lies, rumours, etc. through social media. Bilateral MoU signed with Cambodia CERT and CERT-In for mutual cooperation in national cyber security. Providing regular consultancy and assistance to Bangladesh Banks and Financial Institutions to achieve PCI-DSS and ISO 27000 certification.

**6.6.2 Activities, outcome indicators and indicator targets**

| Activities | Output Indicator | Related Strategic Objectives | Unit | Revised Target | Actual | Target | Revised Target | Medium Term Targets | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2021-22 | | 2022-23 | | 2023-24 | 2024-25 | 2025-26 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 1. Organized seminars/workshops organized cyber drill competition to enhance skills in cyber security | Organized Seminars/ Workshops | 3 | Number | 1 |  | 1 |  | 1 | 1 |  |
| 1. Organize Seminars/Workshops on Cyber ​​Security Organized Seminars/Workshops | Organized Seminars/ Workshops | 3 | Number | 10 |  | 12 |  | 15 | 16 |  |

**6.6.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects**

(Taka in Thousands)

| Name of the Institutional Unit/Scheme/ Project | Related Activity | Actual  2022-23 | Budget | Revised | Medium Term Expenditure Estimates | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 2023-24 | | 2024-25 | 2025-26 | 2026-27 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|  |  |  |  |  |  |  |  |