

## A: GRID REINFORCEMENT PROJECTS

| Ranking | Description of the Project  | Initial Cost [MUSD] | Total/Revised Cost [MUSD] |
|---------|---|---------------------|---------------------------|
| 1.      | Reinforcement of power supply infrastructure in Dar es Salaam and Pwani Regions   |                     | 158.72                    |
|         | Procurement and installation of smart motorized sectionalizers in DSM and Pwani Regions   |                     | 43.60                     |
|         | Automation of distribution network in Dar es Salaam and Pwani Regions (telecommunication, interconnection)                              |                     | 17.81                     |
|         | Construction of Songea – Tunduru 220kV line   |                     | 52.95                     |
| 2.      | Construction of 220kV Transmission line from Benaco to Kyaka and construction of two substations at Benaco (2x30KVA and Kyaka (2x60MVA) |                     | 63.43                     |
| 3.      | Reinforcement of power supply infrastructure in Mtwara and Lindi Regions  | 108.51              | 108.43                    |
| 4.      | Reinforcement of power supply infrastructure in Simiyu Region   | 48.85               | 56.63                     |
|         | Reinforcement of power supply infrastructure in Lushoto district  |                     | 23.72                     |
| 5.      | Reinforcement of power supply infrastructure in Morogoro Region – Mvomero district  | 17.44               | 20.34                     |
|         | Reinforcement of power supply infrastructure in Morogoro Region – Ulanga district   |                     | 30.20                     |
| 6.      | Reinforcement of power supply infrastructure in Dodoma Region and Kiteto District   |                     | 296.88                    |
|         | Reinforcement of power supply infrastructure in Kahama, Bukombe and Iramba district   | 31.39               | 35.27                     |
| 7.      | Construction of 132kV transmission line to connect Katavi Region in the National Grid.  | 163.11              | 112.24                    |
|         | Reinforcement of power supply infrastructure in Mbinga district   | 21.80               | 25.56                     |
| 8.      | Reinforcement of power supply infrastructure in Mbeya Region, Mafinga and Ilula townships   |                     | 135.58                    |
| 9.      | Reinforcement of power supply infrastructure in Mwanza Region   |                     | 164.82                    |
| 10.     | Procurement of distribution transformers for voltage improvement and loss reduction   |                     | 41.74                     |
| 11.     | Procurement of concrete 50,000 pieces of concrete poles 13mts for replacement of  |                     | 24.74                     |

|                    |  |       |                            |
|--------------------|--|-------|----------------------------|
|                    | wood poles in 5,000km of MV lines in major Cities and Towns, especially interconnectors  |       |                            |
| 12.                | Reinforcement of power supply infrastructure in Tanga City and Morogoro Municipal  |       | 101.30                     |
| 13.                | Reinforcement of power supply infrastructure in Arusha Region  |       | 139.25                     |
| 14.                | Procurement and installation of smart motorized sectionalizers in Tanga, Arusha, Mwanza, Dodoma, Mbeya, Morogoro, Iringa, Shinyanga, Kilimanjaro, Singida and Mara Regions |       | 51.90                      |
| 15.                | Reinforcement of power supply infrastructure in Moshi DC, Rombo district and Handeni district  | 22.15 | 25.07                      |
| 16.                | Procurement and installation of 40km 33kV Submarine Cable 95mm <sup>2</sup> from Nyamisati to Mafia Island   |       | 25.06                      |
|                    | Procurement and installation of 10km 33kV Submarine Cable 95mm <sup>2</sup> from Kisorya to Lugezi – Ukerewe Island  |       | 6.26                       |
|                    | Procurement and installation of 10km 33kV Submarine Cable 95mm <sup>2</sup> from Ukerewe to Ukara Island   |       | 6.66                       |
| 17.                | Reinforcement of power supply infrastructure in Manyoni district   | 26.99 | 31.07                      |
| 18.                | Reinforcement of power supply infrastructure in Siha, Monduli and Hanang districts   | 22.26 | 25.05                      |
| 19.                | Reinforcement of power supply infrastructure in Rudewa district by constructing 220kV transmission line and 220/33kV substation at Lugarawa                                | 19.41 | 22.71                      |
| <b>Grand Total</b> |  |       | <b>1,945.49<br/>[MUSD]</b> |