

**PUBLIC UTILITIES CORPORATION**

| PROJECT NAMES   | TOTAL PROJECT COST (SCR '000) | TOTAL REQUIREMENTS (2017-2020) |                    | Q4 Budget 2017 (SCR '000) | Budget 2018 (SCR '000) | Budget 2019 (SCR '000) | Budget 2020 (SCR '000) |
|---|-------------------------------|--------------------------------|--------------------|---------------------------|------------------------|------------------------|------------------------|
|   |                               | LOAN (SCR '000)                | PUC/GOS (SCR '000) |                           |                        |                        |                        |
|   |                               | 1,523,757                      | 1,518,230          |                           |                        |                        |                        |
| <b>ELECTRICITY GENERATION &amp; DISTRIBUTION PROJECTS</b>           |                               |                                |                    |                           |                        |                        |                        |
| <b>Production Mahe</b>  |                               |                                |                    |                           |                        |                        |                        |
| 2x8 MW Generator Sets Roche Caiman Power Station - EPC              | 225,630                       | 225,630                        | 188,138            | -                         | 37,605                 | 75,210                 | 75,210                 |
| 1MVA containerised Gen Set as Black Start - Roche Caiman PS         | 6,417                         | -                              | 6,417              | 5,134                     | 1,283                  | -                      | -                      |
| 5MW Solar PV Plant Romainville - EPC                                | 145,359                       | 109,019                        | 37,595             | 3,592                     | 32,887                 | 558                    | 558                    |
| Supervision and Consultancy Contract for 5MW PV Plant - Romainville | 16,740                        | 9,556                          | 3,404              | 1,135                     | 2,270                  | -                      | -                      |
| Consultancy for Grid Tie Battery Storage Study                      | 2,153                         | -                              | 2,153              | 861                       | 1,292                  | -                      | -                      |
| Renewal of Radiators for Four Engines on Mahe Power Stations        | 18,314                        | -                              | 18,314             | -                         | 4,578                  | 13,735                 | -                      |
| Refurbishment of PSB  | 25,500                        | -                              | 25,500             | -                         | -                      | -                      | 25,500                 |
| Miscellaneous   | 10,000                        | -                              | 10,000             | -                         | 3,333                  | 3,333                  | 3,333                  |
| <b>Transmission &amp; Distribution Mahe</b>                         |                               |                                |                    |                           |                        |                        |                        |
| 33 kV Transmission Network to South Mahe (Phase I and II)           |                               |                                |                    |                           |                        |                        |                        |
| 33 kV Network Proper - Loan Agreement (EPC)                         | 439,349                       | 375,214                        | 61,569             | 9,226                     | 25,372                 | 25,372                 | 1,538                  |
| 33 kV Network Phase I (PUC): Roche Caiman to Airport                | 30,000                        | -                              | 500                | -                         | 500                    | -                      | -                      |
| 33 kV Network Phase II (PUC): Airport to Anse Boileau Via MP        | 25,000                        | -                              | 2,500              | 2,000                     | 500                    | -                      | -                      |
| 33 kV Network North Mahe - Loan                                     | 142,290                       | 133,920                        | 8,370              | -                         | -                      | 8,370                  | -                      |
| 33 kV Network from Roche Caiman to Huteau Lane                      | 28,100                        | -                              | 1,000              | 300                       | 700                    | -                      | -                      |
| 33 kV Network Ile du Port (IOT, CCCS & other developments)          | 65,000                        | -                              | 34,000             | 6,800                     | 23,800                 | 3,400                  | -                      |
| 11 kV Network Construction from Anse Boileau to Anse Soleil         | 9,000                         | -                              | 2,250              | 750                       | 1,500                  | -                      | -                      |
| Installation of Ducts in Victoria                                   | 2,300                         | -                              | 2,300              | 500                       | 1,800                  | -                      | -                      |
| Installation of Ducts in Mont Fleuri and Plaisance                  | 1,380                         | -                              | 920                | 460                       | 460                    | -                      | -                      |
| Network Extension   | 9,000                         | -                              | 5,000              | -                         | 1,667                  | 1,667                  | 1,667                  |
| Network Modification  | 10,500                        | -                              | 10,500             | -                         | 3,500                  | 3,500                  | 3,500                  |
| Bulk Services   | 15,000                        | -                              | 15,000             | -                         | 5,000                  | 5,000                  | 5,000                  |
| Sub-marine cables to inner islands                                  | 8,000                         | -                              | 8,000              | -                         | -                      | 8,000                  | -                      |
| Miscellaneous   | 4,500                         | -                              | 4,500              | -                         | 1,500                  | 1,500                  | 1,500                  |
| <b>Production Praslin-La Digue</b>                                  |                               |                                |                    |                           |                        |                        |                        |
| Noise Reduction and Ventilation Improvement at BSA Power Station    | 47,006                        | -                              | 47,006             | 9,401                     | 37,605                 | -                      | -                      |
| 3x2MW Gen Sets for replacement of Mirreles Gen Sets                 | 86,630                        | -                              | 86,630             | -                         | -                      | 60,641                 | 25,989                 |
| 1.8MVA Gen Set for La Digue as back up                              | 9,626                         | -                              | 9,626              | 7,700                     | 1,925                  | -                      | -                      |
| Miscellaneous   | 1,750                         | -                              | 1,750              | 135                       | 538                    | 538                    | 538                    |
| <b>Transmission &amp; Distribution Praslin-La Digue</b>             |                               |                                |                    |                           |                        |                        |                        |
| 11kV (UG x2) Feeders through Vallee de Mai                          | 15,000                        | -                              | 4,500              | 400                       | 4,100                  | -                      | -                      |
| 11kV (UG) Feeder to Cote d'Or Feeder                                | 3,800                         | -                              | 3,800              | -                         | 3,800                  | -                      | -                      |
| 11kV OH Mont Plaisir Link   | 1,800                         | -                              | 1,800              | 900                       | 900                    | -                      | -                      |
| Submarine Cable Praslin - La Digue                                  | 57,500                        | -                              | 57,500             | -                         | -                      | -                      | 57,500                 |
| Network Modification  | 6,000                         | -                              | 6,000              | -                         | 2,000                  | 2,000                  | 2,000                  |
| Bulk Services   | 3,000                         | -                              | 3,000              | -                         | 1,000                  | 1,000                  | 1,000                  |
| Miscellaneous   | 2,000                         | -                              | 2,000              | -                         | 667                    | 667                    | 667                    |
| <b>Total Electricity Projects</b>                                   | <b>1,473,644</b>              | <b>853,339</b>                 | <b>671,541</b>     | <b>49,294</b>             | <b>202,083</b>         | <b>214,491</b>         | <b>205,500</b>         |
| <b>Water and Sewerage Projects</b>                                  |                               |                                |                    |                           |                        |                        |                        |
| EIB-AFD - GOS/PUC Water & Sewerage Projects (Neptune)               | 1,026,617                     | 383,048                        | 209,826            | 22,871                    | 92,175                 | 86,404                 | 8,376                  |
| <b>Water Supply Projects Mahe</b>                                   |                               |                                |                    |                           |                        |                        |                        |
| 7000m3/day Additional Desalination Plants                           | 150,420                       | -                              | 150,420            | 30,084                    | 120,336                | -                      | -                      |
| Raising of La Gogue Dam   | 312,347                       | 287,370                        | 22,122             | -                         | -                      | 12,641                 | 9,481                  |
| Installation of New Water Filtration Schemes                        | 10,700                        | -                              | 3,500              | -                         | 3,500                  | -                      | -                      |
| Refurbishment of Mont Plaisir Treatment Plant                       | 6,000                         | -                              | 6,000              | -                         | 6,000                  | -                      | -                      |
| Refurbishment of Rochon Dam   | 8,000                         | -                              | 8,000              | -                         | -                      | -                      | 8,000                  |
| Refurbishment of Rochon Treatment Plant                             | 24,000                        | -                              | 24,000             | -                         | -                      | -                      | 24,000                 |
| Groundwater Exploration   | 12,799                        | -                              | 5,580              | 5,580                     | -                      | -                      | -                      |
| Groundwater Production Borehole Project                             | 6,210                         | -                              | 6,210              | -                         | -                      | 6,210                  | -                      |
| Mare Aux Cochons - New Water Supply Scheme                          | 13,000                        | -                              | 13,000             | 2,600                     | 10,400                 | -                      | -                      |
| Anse Major - New Water Supply Scheme                                | 28,271                        | -                              | 26,021             | 6,407                     | 19,614                 | -                      | -                      |
| Construction of 1000m3 GRP Reservoir at Beoliere                    | 4,000                         | -                              | 4,000              | -                         | -                      | 4,000                  | -                      |
| Caiman River Raw Water Abstraction Project                          | 4,615                         | -                              | 3,615              | 1,808                     | 1,808                  | -                      | -                      |
| Treatment Capacity Increase at Le Nirole Plant - New Filters        | 4,000                         | -                              | 4,000              | -                         | 4,000                  | -                      | -                      |
| Cascade GRP Retaining Wall  | 831                           | -                              | 360                | 360                       | -                      | -                      | -                      |
| Construction of 450m3 water tank at L'Islette                       | 3,163                         | -                              | 3,163              | -                         | 3,163                  | -                      | -                      |
| Fencing of TWs and PSs  | 2,000                         | -                              | 2,000              | -                         | 2,000                  | -                      | -                      |
| <b>Water Network Projects Mahe</b>                                  |                               |                                |                    |                           |                        |                        |                        |
| Pipe Replacement (Roche Caiman Village - 3km)                       | 4,500                         | -                              | 4,500              | -                         | 4,500                  | -                      | -                      |
| Le Nirole Phase I - Pipe Replacement                                | 6,054                         | -                              | 715                | 715                       | -                      | -                      | -                      |
| Le Nirole Phase II - Pipe Replacement                               | 4,400                         | -                              | 4,400              | -                         | 4,400                  | -                      | -                      |
| L'Islette to Beoliere - new 225mm HDPE Pipe installation            | 9,060                         | -                              | 1,150              | 1,150                     | -                      | -                      | -                      |
| Cayole Network Upgrade  | 4,000                         | -                              | 4,000              | -                         | 500                    | 3,500                  | -                      |
| Reef Estate to Capucin - Installation of New Transmission Pipe      | 1,500                         | -                              | 1,500              | -                         | 1,500                  | -                      | -                      |
| Anse Etoile - La Retraite Non Performing Pipeline Replacement       | 7,130                         | -                              | 7,130              | 2,377                     | 4,754                  | -                      | -                      |
| Quincy Village Non Performing Pipeline Replacement                  | 1,943                         | -                              | 1,943              | 1,000                     | 943                    | -                      | -                      |
| Bel Eau Pipeline Replacement  | 2,530                         | -                              | 2,530              | 253                       | 2,277                  | -                      | -                      |
| Port Glaud (Dan Mangroo) Land Bank Project                          | 3,000                         | -                              | 3,000              | 1,000                     | 2,000                  | -                      | -                      |
| Barbarons Land Bank Project   | 9,000                         | -                              | 9,000              | 3,000                     | 6,000                  | -                      | -                      |
| Anse Royal /Enfoncement water supply                                | 2,500                         | -                              | 2,500              | -                         | 2,500                  | -                      | -                      |
| New Pipeline from Anse Boileau to Anse La Mouche Junction           | 10,000                        | -                              | 10,000             | 2,500                     | 7,500                  | -                      | -                      |
| Reinstatement of Beau Vallon main road                              | 200                           | -                              | 200                | 200                       | -                      | -                      | -                      |
| Lower Dan Pen Pen Water Supply Network                              | 3,500                         | -                              | 3,500              | 350                       | 3,150                  | -                      | -                      |
| Maldives Pump House   | 400                           | -                              | 400                | 400                       | -                      | -                      | -                      |
| St Roch Water Supply Project  | 6,750                         | -                              | 3,500              | -                         | 500                    | 3,000                  | -                      |
| Mont Plaisir Network Extension                                      | 1,500                         | -                              | 500                | 500                       | -                      | -                      | -                      |
| Anse Boileau Desalination Pipeline                                  | 14,850                        | -                              | 14,850             | 4,950                     | 9,900                  | -                      | -                      |

|  |                  |                |                |                |                |                |               |
|--|------------------|----------------|----------------|----------------|----------------|----------------|---------------|
| Providence Desalination Pipeline                                     | 15,180           | -              | 15,180         | 5,060          | 10,120         | -              | -             |
| Submarine pipeline from Mahe to Cerf Island                          | 3,479            | -              | 3,479          | 2,087          | 1,392          | -              | -             |
| NRW Reduction Programme (DMA, PMA, MR and network improvement)       | 45,000           | -              | 45,000         | -              | 20,000         | 15,000         | 10,000        |
| Network Modifications  | 3,000            | -              | 3,000          | -              | 1,000          | 1,000          | 1,000         |
| Land Bank Projects   | 10,000           | -              | 10,000         | -              | 3,333          | 3,333          | 3,333         |
| Pump Upgrade and Refurbishment of Pump Stations                      | 1,750            | -              | 1,750          | -              | 583            | 583            | 583           |
| <b>Water Supply Projects Praslin and La Digue</b>                    |                  |                |                |                |                |                |               |
| Upgrade of Mont Plaisir Treatment Works                              | 2,500            | -              | 1,000          | -              | 1,000          | -              | -             |
| Upgrade of Nouvelle Decouvert Treatment Works                        | 2,500            | -              | 2,500          | -              | -              | 2,500          | -             |
| Refurbishment of TW and New Water Supply Scheme at Villaz Joseph     | 3,500            | -              | 3,500          | -              | 3,500          | -              | -             |
| Refurbishment of Salazie Treatment Works                             | 750              | -              | 750            | -              | 750            | -              | -             |
| Refurbishment and Upgrade of Anse Reunion Treatment Works            | 8,000            | -              | 8,000          | -              | 5,333          | 2,667          | -             |
| Dexse (Baie Ste Anne) New Water Supply Scheme                        | 3,500            | -              | 3,500          | -              | 3,500          | -              | -             |
| La Digue Desalination Plant - New Intake System                      | 17,910           | -              | 8,388          | 8,388          | -              | -              | -             |
| <b>Water Networks Project Praslin and La Digue</b>                   |                  |                |                |                |                |                |               |
| Grand Fond - New Water Network Scheme                                | 3,550            | -              | 3,550          | 1,183          | 2,367          | -              | -             |
| Cote D'or Non Performing Pipeline Replacement                        | 3,650            | -              | 116            | 75             | 40             | -              | -             |
| BSA Non Performing Pipeline Replacement                              | 5,000            | -              | 109            | 69             | 39             | -              | -             |
| Grand Anse (Praslin) Non Performing Pipeline Replacement             | 4,000            | -              | 75             | 38             | 38             | -              | -             |
| Distribution Network Extension to Anse Severe                        | 690              | -              | 690            | -              | 690            | -              | -             |
| Land Bank Projects   | 2,300            | -              | 2,300          | -              | -              | 1,150          | 1,150         |
| Pump Upgrade and Refurbishment of Pump Stations                      | 1,500            | -              | 1,500          | -              | 500            | 500            | 500           |
| Network modifications and extensions                                 | 3,000            | -              | 3,000          | -              | 1,000          | 1,000          | 1,000         |
| <b>Sewerage Mahe</b>   |                  |                |                |                |                |                |               |
| Odour Control Units for five Key Pump Stations                       | 6,000            | -              | 500            | 500            | -              | -              | -             |
| Central Pump Station Construction in Victoria                        | 11,754           | -              | 11,754         | 2,351          | 9,403          | -              | -             |
| Beau Vallon Phase 2 Network Extension & House Connections            | 2,400            | -              | 200            | 200            | -              | -              | -             |
| Beau Vallon Phase 3 Network Extension & House Connections            | 8,000            | -              | 8,000          | -              | 8,000          | -              | -             |
| Pte Larue Network Refurbishment + Network Ext for 10 houses          | 2,300            | -              | 1,300          | 300            | 1,000          | -              | -             |
| New Rising Main between Corgate Estate PS to Victoria Hospital PS    | 820              | -              | 820            | -              | 820            | -              | -             |
| Network Extension from Plaisance round-about to Les Mamelles Jnt     | 40,000           | -              | 40,000         | -              | 7,000          | 19,000         | 14,000        |
| Beau Vallon Treatment Plant Minor Refurbishment                      | 1,000            | -              | 1,000          | -              | 1,000          | -              | -             |
| Infiltration Prevention Projects                                     | 20,000           | -              | 20,000         | 500            | 8,000          | 7,500          | 4,000         |
| Survey and Detailed Design for priority areas                        | 10,000           | -              | 8,500          | -              | 2,833          | 2,833          | 2,833         |
| Pump Upgrade and Refurbishment of Pump Stations                      | 2,500            | -              | 2,500          | -              | 833            | 833            | 833           |
| <b>Total Water and Sewerage Projects</b>                             | <b>1,955,322</b> | <b>670,418</b> | <b>779,094</b> | <b>108,855</b> | <b>407,494</b> | <b>173,655</b> | <b>89,090</b> |
| <b>Corporate Projects</b>  |                  |                |                |                |                |                |               |
| <b>Storage and Utilities Buildings</b>                               |                  |                |                |                |                |                |               |
| Warehouse Roche Caiman Power Station                                 | 3,680            | -              | 1,495          | 1,311          | 184            | -              | -             |
| New 33kV Substation and Offices at Roche Caiman                      | 12,420           | -              | 12,420         | -              | 12,420         | -              | -             |
| Warehouse Perseverance/Ile du Port                                   | 4,000            | -              | 4,000          | -              | 4,000          | -              | -             |
| Storage building L-shape Water Depot                                 | 4,025            | -              | 4,025          | -              | -              | 4,025          | -             |
| Shelter for H. Plants Water Depot                                    | 1,725            | -              | 1,725          | -              | -              | 1,725          | -             |
| Stores & Staff Facilities - Praslin                                  | 2,760            | -              | 2,510          | 251            | 2,259          | -              | -             |
| Electromechanical Building and Meter Reader Offices (New Port)       | 5,750            | -              | 805            | 403            | 403            | -              | -             |
| Site Clearance and Fencing of land adjacent to Providence WWTP       | 863              | -              | 508            | 51             | 457            | -              | -             |
| <b>Office Blocks and Staff Facilities</b>                            |                  |                |                |                |                |                |               |
| Electricity House Extension  | 6,242            | -              | 6,242          | 1,248          | 4,994          | -              | -             |
| Malavois Extension   | 1,380            | -              | 1,140          | 1,140          | -              | -              | -             |
| Commercial Wing Upgrade - Praslin                                    | 460              | -              | 460            | 46             | 414            | -              | -             |
| Locker room building (ground +1) and sheds at Power Station B        | 2,300            | -              | 2,000          | -              | 2,000          | -              | -             |
| Corporate Building (Main Headquarters)                               | 49,050           | -              | -              | -              | -              | -              | -             |
| <b>IT Systems</b>  |                  |                |                |                |                |                |               |
| ERP System   | 38,431           | -              | 12,289         | 2,093          | 10,197         | -              | -             |
| System Improvements  | 1,500            | -              | 1,500          | 1,000          | 500            | -              | -             |
| CCTV Surveillance System   | 1,150            | -              | 1,150          | -              | 1,150          | -              | -             |
| <b>Vehicles</b>  |                  |                |                |                |                |                |               |
| Procurement of 40 Cars   | 10,650           | -              | 5,325          | 5,325          | -              | -              | -             |
| Procurement of Specialised Vehicles (cranes, hyab, cess pit emptier) | 10,000           | -              | 10,000         | -              | 5,000          | 5,000          | -             |
| <b>Total Corporate Projects</b>                                      | <b>156,385</b>   | <b>-</b>       | <b>67,595</b>  | <b>12,867</b>  | <b>43,977</b>  | <b>10,750</b>  | <b>-</b>      |