

## Tuvalu Energy Sector Development Project

### Procurement Plan

Implementing Agency: Tuvalu Electricity Corporation (TEC)

Date: 7 December 2017

### Procurement of Goods, Works and Non-Consulting Services

| Contract No.   | Description  | Estimated Cost (USD Million) |
|----------------|--|------------------------------|
| ESPD/TUV/SH/1  | Remote monitoring and communications equipment                           | 0.1                          |
| ESPD/TUV/SH/2  | Fiber Optic cable to connect grid  | 0.05                         |
| ESPD/TUV/ICB/1 | EPC Works for 700kW Solar PV Facility and 1MW/1MWh Energy Storage System | 5                            |
| ESPD/TUV/SH/4  | EE Investments - Cool Rooms  | 0.2                          |
| ESPD/TUV/SH/5  | EE Investments - Insulation  | 0.2                          |
| ESPD/TUV/SH/6  | Motorbike  | 0.002                        |
| ESPD/TUV/SH/7  | Laptop and printer   | 0.003                        |
| ESPD/TUV/ICB/2 | Prepayment meter system  | 0.49                         |
| ESPD/TUV/ICB/3 | EPC Works for Wind Turbines and grid-control equipment                   | 2.235                        |

### Selection of Consultants

| <b>Contract No.</b> | <b>Description</b>  | <b>Estimated Cost (USD Million)</b> |
|---------------------|---------------------|-------------------------------------|
| ESPD/TUV/IC/1       | Project Officer     | 0.09                                |
| ESPD/TUV/IC/2       | Procurement Advisor | 0.05                                |
| ESPD/TUV/IC/3       | Safeguards Advisor  | 0.02                                |
| ESPD/TUV/CQS/<br>1  | Technical support   | 0.05                                |
| ESPD/TUV/IC/4       | PT BookKeeper       | 0.02                                |
| ESPD/TUV/IC/5       | Energy Specialist   | 0.08                                |

**PROCUREMENT PLAN** Tuvalu : Energy Sector Development Project

**General Information**

**Country:** Tuvalu **Bank's Approval Date of the Original Procurement Plan:** 2017-10-31  
**Revised Plan Date(s):** (comma delineated, leave blank 2022-08-25)  
**Project ID:** P144573 **GPN Date:**  
**Project Name:** Energy Sector Development Project  
**Loan / Credit No.:** IDA / D0290, TF / 18949  
**Executing Agency:** Tuvalu Electricity Corporation

**WORKS**

| Activity Reference No. / Description   | Loan / Credit No. | Component                    | Review Type | Method           | Market Approach      | Procurement Process         | Prequalification (Y/N) | High SEA/SH Risk | Procurement Document Type | Estimated Amount (US\$) | Actual Amount (US\$) | Process Status | Draft Pre-qualification Documents |        | Prequalification Evaluation Report |        | Draft Bidding Document / Justification |            | Specific Procurement Notice / Invitation |            | Bidding Documents Issued |        | Proposal Submission / Opening / Minutes |            | Bid Evaluation Report and Recommendation for Award |            | Signed Contract |            | Contract Completion |
|--|-------------------|------------------------------|-------------|------------------|----------------------|-----------------------------|------------------------|------------------|---------------------------|-------------------------|----------------------|----------------|-----------------------------------|--------|------------------------------------|--------|--|------------|--|------------|--------------------------|--------|---|------------|--|------------|-----------------|------------|---------------------|
|  |                   |                              |             |                  |                      |                             |                        |                  |                           |                         |                      |                | Planned                           | Actual | Planned                            | Actual | Planned                                | Actual     | Planned                                  | Actual     | Planned                  | Actual | Planned                                 | Actual     | Planned  | Actual     | Planned         | Actual     |                     |
| TV-TEC-62180-CW-RFP / Design, Supply and installation of Wind Turbines and Grid-Control Equipment            | IDA / D0290       | Renewable Energy Investments | Prior       | Request for Bids | Open - International | Single Stage - One Envelope |                        |                  |                           | 2,000,200.00            | 0.00                 | Canceled       |                                   |        |                                    |        | 2018-07-10                             |            | 2018-07-15                               |            |                          |        |   | 2018-08-26 |  | 2018-09-25 |                 | 2018-11-13 | 2019-05-12          |
| ESDR/TUVICB1 / Design, Supply and installation of 700Kw Solar PV Facility and 1MW/1MWh Energy Storage System | IDA / D0290       | Renewable Energy Investments | Prior       | Request for Bids | Open - International | Single Stage - One Envelope |                        |                  |                           | 5,000,000.00            | 0.00                 | Canceled       |                                   |        |                                    |        | 2018-12-05                             |            | 2018-12-06                               |            |                          |        |   | 2018-12-07 | 2018-05-30   | 2018-12-08 | 2018-12-19      | 2019-01-16 | 2019-10-13          |
| ESDR/TUVDIC1 / Design, Supply and installation of 750Kw Solar PV Facility and 1MW/1MWh Energy Storage System | IDA / D0290       | Renewable Energy Investments | Prior       | Direct Selection | Direct               |                             |                        |                  |                           | 6,000,000.00            | 5,328,419.56         | Signed         |                                   |        |                                    |        | 2019-06-18                             | 2019-06-28 | 2019-06-23                               | 2019-07-23 |                          |        |   |            |  |            | 2019-07-21      | 2019-09-23 | 2020-08-24          |

**GOODS**

| Activity Reference No. / Description   | Loan / Credit No. | Component                     | Review Type | Method                 | Market Approach      | Procurement Process         | Prequalification (Y/N) | Estimated Amount (US\$) | Actual Amount (US\$) | Process Status       | Draft Pre-qualification Documents |        | Prequalification Evaluation Report |            | Draft Bidding Document / Justification |            | Specific Procurement Notice / Invitation |            | Bidding Documents Issued |        | Proposal Submission / Opening / Minutes |            | Bid Evaluation Report and Recommendation for Award |            | Signed Contract |            | Contract Completion |            |  |
|--|-------------------|-------------------------------|-------------|------------------------|----------------------|-----------------------------|------------------------|-------------------------|----------------------|----------------------|-----------------------------------|--------|------------------------------------|------------|--|------------|--|------------|--------------------------|--------|---|------------|--|------------|-----------------|------------|---------------------|------------|--|
|  |                   |                               |             |                        |                      |                             |                        |                         |                      |                      | Planned                           | Actual | Planned                            | Actual     | Planned                                | Actual     | Planned                                  | Actual     | Planned                  | Actual | Planned                                 | Actual     | Planned  | Actual     | Planned         | Actual     |                     |            |  |
| ESPD/TUVSH8 / Audio Visual Equipment   | IDA / D0290       | Renewable Energy Investments  | Post        | Request for Quotations | Limited              | Single Stage - One Envelope |                        | 10,000.00               | 15,001.24            | Signed               |                                   |        |                                    |            |  |            | 2018-02-28                               | 2018-12-11 |                          |        |   |            |  |            | 2018-04-25      | 2019-03-05 | 2018-10-22          |            |  |
| TV-TEC-62169-GO-RFB / Prepayment meter system  | IDA / D0290       | Energy Efficiency Investments | Prior       | Request for Bids       | Open - International | Single Stage - One Envelope |                        | 700,000.00              | 392,444.43           | Signed               |                                   |        | 2018-06-03                         | 2018-06-05 | 2018-06-10                             | 2018-06-13 |  |            |                          |        | 2018-07-15                              | 2018-07-18 | 2018-08-14   | 2018-09-10 | 2018-09-18      | 2019-04-05 | 2019-03-17          |            |  |
| ESDR/TUVSH9 / Electric Motorcycles for pilot program under the Tuvalu Energy Sector Development Project        | IDA / D0290       | Renewable Energy Investments  | Post        | Request for Quotations | Open - International | Single Stage - One Envelope |                        | 400,000.00              | 0.00                 | Canceled             |                                   |        |                                    |            |  |            | 2019-11-15                               | 2019-11-15 |                          |        |   |            |  |            |                 | 2020-01-20 |                     | 2020-07-18 |  |
| ESDR/TUVSH1 / Supply and installation of HF Radios for Tuvalu Electricity Corporation                          | TF / 18949        | Energy Efficiency Investments | Post        | Request for Quotations | Open - International | Single Stage - One Envelope |                        | 150,000.00              | 89,252.25            | Signed               |                                   |        |                                    |            |  |            | 2019-11-12                               |            |                          |        |   |            |  |            | 2020-02-04      | 2020-03-11 | 2020-06-03          |            |  |
| ESDR/TUVSH10 / Window Tinting of Tuvalu National Hospital and Conference Center                                | IDA / D0290       | Energy Efficiency Investments | Post        | Request for Quotations | Open - International | Single Stage - One Envelope |                        | 65,000.00               | 37,229.85            | Signed               |                                   |        |                                    |            |  |            | 2020-05-23                               | 2020-05-20 |                          |        |   |            |  |            | 2020-07-11      | 2020-08-27 | 2020-12-08          |            |  |
| ESDR/TUVSH9/2020 / Electric Motorcycles for a pilot program under the Tuvalu Energy Sector Development Project | IDA / D0290       | Renewable Energy Investments  | Post        | Request for Quotations | Open - International | Single Stage - One Envelope |                        | 300,000.00              | 0.00                 | Canceled             |                                   |        |                                    |            |  |            | 2020-02-02                               | 2020-01-31 |                          |        |   |            |  |            | 2020-04-05      |            | 2020-09-30          |            |  |
| ESDR/TUVSH9/2021 / (Re-Aid) Supply of Electric Motorcycles for the Tuvalu Electricity Corporation              | IDA / D0290       | Energy Efficiency Investments | Post        | Request for Quotations | Open - International | Single Stage - One Envelope |                        | 200,000.00              | 0.00                 | Under Implementation |                                   |        |                                    |            |  |            | 2021-05-18                               | 2021-06-20 |                          |        |   |            |  |            | 2021-08-12      |            | 2022-02-08          |            |  |

**NON CONSULTING SERVICES**

| Activity Reference No. / Description                        | Loan / Credit No. | Component                     | Review Type | Method                 | Market Approach      | Procurement Process         | Prequalification (Y/N) | Estimated Amount (US\$) | Actual Amount (US\$) | Process Status | Draft Pre-qualification Documents |        | Prequalification Evaluation Report |        | Draft Bidding Document / Justification |        | Specific Procurement Notice / Invitation |        | Bidding Documents Issued |        | Proposal Submission / Opening / Minutes |        | Bid Evaluation Report and Recommendation for Award |        | Signed Contract |            | Contract Completion |  |
|---|-------------------|-------------------------------|-------------|------------------------|----------------------|-----------------------------|------------------------|-------------------------|----------------------|----------------|-----------------------------------|--------|------------------------------------|--------|--|--------|--|--------|--------------------------|--------|---|--------|--|--------|-----------------|------------|---------------------|--|
|   |                   |                               |             |                        |                      |                             |                        |                         |                      |                | Planned                           | Actual | Planned                            | Actual | Planned                                | Actual | Planned                                  | Actual | Planned                  | Actual | Planned                                 | Actual | Planned  | Actual |                 |            |                     |  |
| ESDR/TUVSH5 / Window Tinting for Tuvalu Government Building | IDA / D0290       | Energy Efficiency Investments | Post        | Request for Quotations | Open - International | Single Stage - One Envelope |                        | 200,000.00              | 82,963.50            | Signed         |                                   |        |                                    |        |  |        | 2019-02-14                               |        |                          |        |   |        |  |        | 2019-04-05      | 2019-06-14 | 2019-07-04          |  |

**CONSULTING FIRMS**

| Activity Reference No. / Description  | Loan / Credit No. | Component   | Review Type | Method                             | Market Approach      | Contract Type | Estimated Amount (US\$) | Actual Amount (US\$) | Process Status | Terms of Reference |            | Expression of Interest Notice |            | Short List and Draft Request for Proposals |            | Request for Proposals as Issued |        | Opening of Technical Proposals / Minutes |        | Evaluation of Technical Proposal |            | Combined Evaluation Report and Draft Negotiated Contract |            | Signed Contract |            | Contract Completion |  |
|---|-------------------|---|-------------|------------------------------------|----------------------|---------------|-------------------------|----------------------|----------------|--------------------|------------|-------------------------------|------------|--|------------|---------------------------------|--------|--|--------|----------------------------------|------------|--|------------|-----------------|------------|---------------------|--|
|   |                   |   |             |                                    |                      |               |                         |                      |                | Planned            | Actual     | Planned                       | Actual     | Planned                                    | Actual     | Planned                         | Actual | Planned                                  | Actual | Planned                          | Actual     | Planned  | Actual     | Planned         | Actual     |                     |  |
| ESPD/TUVICQ5/1 / Technical Support  | IDA / D0290       | Technical Assistance and Project Management Support | Post        | Consultant Qualification Selection | Open - International |               | 50,000.00               | 0.00                 | Canceled       | 2017-07-01         | 2017-07-22 | 2017-09-04                    |            |  |            |                                 |        |  |        |                                  | 2017-10-04 | 2017-11-08   | 2018-05-07 |                 |            |                     |  |
| ESPD/TUVICQ2 / Procurement Adviser  | IDA / D0290       | Technical Assistance and Project Management Support | Prior       | Consultant Qualification Selection | Open - International |               | 50,000.00               | 0.00                 | Canceled       | 2016-07-26         | 2016-08-16 | 2016-09-29                    |            |  |            |                                 |        |  |        |                                  | 2016-10-29 | 2016-12-03   | 2017-06-01 |                 |            |                     |  |
| ESDR/TUVICQ5/2 / Engineering Services for Renewable Energy Projects in Funafuti, Tuvalu | IDA / D0290       | Renewable Energy Investments                        | Post        | Consultant Qualification Selection | Open - International |               | 495,000.00              | 418,820.00           | Signed         | 2019-10-31         | 2019-11-01 | 2019-11-01                    | 2019-11-03 | 2019-11-20                                 | 2019-12-23 |                                 |        |  |        |                                  |            | 2019-12-13   | 2020-07-22 | 2020-01-06      | 2020-07-22 | 2020-09-30          |  |

**INDIVIDUAL CONSULTANTS**

| Activity Reference No. / Description | Loan / Credit No. | Component   | Review Type | Method                          | Market Approach | Contract Type | Estimated Amount (US\$) | Actual Amount (US\$) | Process Status | Terms of Reference |            | Invitation to Identify/Selected Consultant |            | Draft Negotiated Contract |            | Signed Contract |        | Contract Completion |
|--------------------------------------|-------------------|---|-------------|---------------------------------|-----------------|---------------|-------------------------|----------------------|----------------|--------------------|------------|--|------------|---------------------------|------------|-----------------|--------|---------------------|
|                                      |                   |   |             |                                 |                 |               |                         |                      |                | Planned            | Actual     | Planned                                    | Actual     | Planned                   | Actual     | Planned         | Actual |                     |
| 2 / Procurement Advisor              | IDA / D0290       | Technical Assistance and Project Management Support | Prior       | Individual Consultant Selection | Open            |               | 0.00                    | 40,670.00            | Signed         |                    | 2016-01-27 | 2016-02-26                                 | 2016-03-01 | 2016-04-26                | 2017-08-01 | 2017-04-21      |        |                     |
| ESDR/TUVIC1 / Project Officer        | IDA / D0290       | Renewable Energy Investments                        | Prior       | Individual Consultant Selection | Open            |               | 0.00                    | 27,811.88            | Terminated     |                    |            |  | 2016-11-23 |                           | 2016-12-20 |                 |        |                     |

|   |             |   |       |                                 |                 |  |           |            |                        |            |            |            |            |            |            |            |            |            |  |
|---|-------------|---|-------|---------------------------------|-----------------|--|-----------|------------|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--|
| ESPD/TUVIC/1 / Project Officer  | IDA / D0290 | Technical Assistance and Project Management Support | Prior | Individual Consultant Selection | Limited         |  | 90,000.00 | 0.00       | Canceled               | 2016-11-14 |            | 2016-11-19 |            | 2016-12-10 |            | 2017-01-14 |            | 2017-07-13 |  |
| TV-TEC-74269-CS-INDV / PROVISION FOR IMPLEMENTATION SUPPORT ADVISER   | IDA / D0290 | Renewable Energy Investments                        | Post  | Individual Consultant Selection | Open            |  | 12,880.00 | 30,240.00  | Signed                 | 2018-08-13 |            | 2018-08-25 |            | 2018-08-25 | 2018-08-24 | 2018-08-27 | 2018-08-24 | 2019-03-15 |  |
| TV-TEC-62184-CS-INDV / Top-up of Procurement Advisor in new payment ceiling amended via Addenda 6                           | IDA / D0290 | Renewable Energy Investments                        | Post  | Individual Consultant Selection | Open            |  | 49,815.00 | 0.00       | Canceled               | 2018-06-01 |            | 2018-07-20 |            | 2018-08-10 |            | 2018-09-14 |            | 2019-03-13 |  |
| ESPD/TUVIC/3 / Safeguards Adviser   | IDA / D0290 | Technical Assistance and Project Management Support | Post  | Individual Consultant Selection | Open            |  | 20,000.00 | 32,885.00  | Signed                 | 2018-02-19 |            | 2018-02-19 |            | 2018-02-19 | 2018-02-23 | 2018-02-19 | 2018-02-23 | 2019-02-22 |  |
| ESDR/TUVIC/5A / Energy Specialist 2   | TF / 18949  | Technical Assistance and Project Management Support | Post  | Individual Consultant Selection | Direct          |  | 60,000.00 | 152,928.00 | Signed                 | 2019-02-20 |            | 2019-02-20 |            | 2019-02-20 |            | 2019-03-13 | 2018-03-22 | 2019-03-31 |  |
| ESDR/TUVIC/6/2019 / New contract for the Implementation Support Adviser   | IDA / D0290 | Technical Assistance and Project Management Support | Post  | Individual Consultant Selection | Direct          |  | 37,000.00 | 52,676.00  | Signed                 | 2019-03-29 |            | 2019-03-31 |            | 2019-03-31 |            | 2019-03-31 | 2019-04-01 | 2020-03-31 |  |
| ESDR/TUVIC/2/2016 / Procurement Advisor to the Tuvalu Energy Sector Development Project (2016 - 2017)                       | IDA / D0290 | Technical Assistance and Project Management Support | Post  | Individual Consultant Selection | Open            |  | 45,000.00 | 44,375.00  | Signed                 | 2019-04-03 |            | 2019-04-03 |            | 2019-04-03 |            | 2019-04-04 | 2016-07-26 | 2019-04-05 |  |
| ESDR/TUVIC/2/2017 / Contract number 2/Extension for the Procurement Advisor to the Tuvalu Energy Sector Development Project | IDA / D0290 | Technical Assistance and Project Management Support | Post  | Individual Consultant Selection | Direct          |  | 45,000.00 | 173,130.00 | Signed                 | 2019-04-03 |            | 2019-04-03 |            | 2019-04-03 |            | 2019-04-03 | 2017-08-01 | 2019-04-03 |  |
| ESDR/TUVIC/7 / New Project Officer  | IDA / D0290 | Technical Assistance and Project Management Support | Post  | Individual Consultant Selection | Open            |  | 36,000.00 | 11,063.84  | Signed                 | 2019-05-31 | 2019-11-08 | 2019-06-25 | 2019-12-18 | 2019-07-02 | 2020-02-03 | 2019-07-30 | 2020-02-19 | 2020-01-26 |  |
| ESDR/TUVIC/8 / Bookkeeper for the TESDP   | IDA / D0290 | Technical Assistance and Project Management Support | Post  | Individual Consultant Selection | Direct          |  | 30,000.00 | 15,796.52  | Signed                 | 2019-11-04 | 2019-11-10 | 2019-11-10 | 2019-11-14 | 2019-11-11 | 2019-11-20 | 2019-11-29 | 2019-11-21 | 2020-05-27 |  |
| TV-TEC-311682-CS-INDV / Project Coordinator   | IDA / D0290 | Technical Assistance and Project Management Support | Post  | Individual Consultant Selection | Open - National |  | 55,000.00 | 0.00       | Pending Implementation | 2022-08-26 |            | 2022-10-14 |            | 2022-11-04 |            | 2022-12-09 |            | 2023-06-07 |  |