



**resembid**

**INVITATION TO TENDER  
FOR THE PROCUREMENT OF A  
WORKS CONTRACT  
TO INSTALL**

**60 RESILIENT-LED SOLAR STREETLIGHTS WITH BATTERY ENERGY STORAGE  
TECHNOLOGY in PROVIDENCIALES, TURKS AND CAICOS ISLANDS**

**FOR THE RESEMBID SUSTAINABLE ENERGY PROJECT (SEP)  
TRANSITIONING TOWARDS GREEN ENERGY IN THE TURKS AND CAICOS  
ISLANDS**



**THE GOVERNMENT OF TURKS AND CAICOS ISLANDS  
Ministry of Public Safety and Utilities (MPSU)**

**TENDER REFERENCE NUMBER: RES-33/TCI-03-1**

**DATE PUBLISHED: April 29, 2024**

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## PART ONE: PROJECT BACKGROUND

The Turks and Caicos Islands (TCI) is one of the most vulnerable member states of CARICOM. An archipelago of 40 low-lying islands and cays, TCI's geographic location, and small economy make it highly susceptible to climate change impacts such as the increased frequency of hurricanes and sea-level rise (SLR). These climate change impacts pose a significant risk to the local economy, critical infrastructure, and livelihoods of TCI islanders.

The high exposure and vulnerability to the local energy sector are evident following an active 2017 Atlantic Hurricane Season. Hurricane Irma (a Category 5 hurricane) ripped off roofs, caused significant flooding throughout communities, and destroyed utility poles resulting in mass power outages. Compounding the damage already felt, just days later, TCI would be struck by a second major hurricane, Hurricane Maria (Category 3), with winds up to 125 miles per hour (mph). To address the damage caused to the local energy utility system, local utility company, FortisTCI, would be forced to import much-needed capacity from their international parent companies in Canada, the United States and across The Caribbean. It would then take the team 60 days after Irma to restore power to the country; however, many residents remained without power due to the damage caused to their homes and the inability to connect power safely. Currently, electricity is generated primarily through diesel (84MW); however, there is a national consensus (across the public and private sectors) to expand renewable energy in the most environmentally friendly manner.

In addition to hurricane impacts, strengthening TCI's energy sector is critical to the country's overall national development plan and the diversification of its economy. The country's National Development Plan (2020) outlines national challenges, vision statements, and ten strategic goals, including creating a more sustainable future, investing in human capital, supporting quality infrastructure and services, and creating a knowledge based competitive economy. The high cost of electricity, inadequate electrical generation to support future development, and poor infrastructure were all identified as significant challenges that warranted urgent action. With the tourism sector accounting for 36.6% of total GDP (2017), the electricity sector must maintain and improve its reliability, resilience, cost-effectiveness, and environmental sustainability to drive new economic activity while further enhancing the lives of TCI Islanders.

Demonstrating leadership towards green energy, FortisTCI installed 1 MW of distributed roof-top solar on commercial buildings through its Utility Owned Renewable Energy Program (UORE). An additional 1MW of ground-mounted solar is also set to be constructed. While this is a step in the right direction, accelerating the sustainable energy transition will require TCI to undertake a deeper investment in capacity building, the development of modern legislative and regulatory frameworks, and catalytic pilot projects.

The overall objective of this project is to contribute to the acceleration of a reliable, resilient, and environmentally sustainable energy sector in TCI (Renewable energy penetration rate). It will also strengthen capacity for sustainable energy transition in TCI through investment in capacity building; development of modern legislative and regulatory frameworks; catalytic pilot projects.

To support the improvement and transformation of TCI's energy sector, The Turks and Caicos Islands developed its Resilient National Energy Transition Strategy (R-NETS), which offers a comprehensive evaluation of the energy sector and identifies short, medium, and long-term needs for the development of a green energy network. In 2019, the TCIG/RESEMBID SEP Cabinet adopted the R-NETS, led by TCIG/RESEMBID SEP, Fortis TCI, and Rocky Mountain Institute (RMI) and identified an optimal pathway to reach at least 33% renewable energy penetration by 2040 with the installation of "microgrid-capable" renewables at critical public facilities. The R-NETS also recommended the pursuit of efficiency, the acceleration of legislation to support TCIG/RESEMBID SEP and FortisTCI programs, and additional utility-scale and pilot battery storage projects.

Following the R-NETS, in 2020, in partnerships with the Clinton Climate Initiative (CCI) and RMI, a Solar Land and Rooftop Assessment of 31 critical facilities were completed to assess their solar PV potential for roof-top or ground-mounted systems. The team identified 17 sites as suitable locations for ground-mount solar PV, totaling 67.6 MW in capacity, while high-opportunity sites for roof-top solar showed potential for 7.9 MW.

Building on these existing national strategies, this proposed project will progress the TCIG/RESEMBID SEP national goals to take proactive steps to diversify the local economy and heighten public systems to support future development and climate resiliency in a post-COVID-19 era. Like other tourism-dependent islands throughout the region, the global health pandemic severely impacted TCI's tourism industry. Much-needed revenue generated directly and indirectly from the tourism sector was lost and had a trickle-down impact on the local labour market. This proposal will provide much-needed investment into enhancing public infrastructure and offer tangible outputs to improve capacity to develop resilience to climate change.

## PART TWO: PROJECT SUMMARY

### PROJECT SPECIFIC OBJECTIVES

The specific objective of this project is to strengthen the capacity of the TCI for a sustainable energy transition. It is against this impact statement to create long-term and meaningful change within the energy sector and across public systems that the following set of outcomes and actions are proposed.

#### Component 1: Catalytic pilot energy projects implemented.

##### Output 1a: Solar PV Microgrids

At the end of the project, a solar roof-top feasibility, and structural assessments of five (5) essential government critical facilities (including 4 clinics and TCI's disaster management headquarters) for solar PV and energy efficiency upgrades will be conducted. The necessary data to support the project will be collected and analyzed, including a capacity needs assessment (CNA). Catalytic pilot energy projects will be implemented to reduce TCI's dependency on

imported fossil fuel. Additionally, energy audits will be conducted to assist in designing Solar PV systems and Battery Energy Storage Systems (BESS) for the critical facilities identified.

#### Output 1b. Solar Streetlights

One hundred and ten (110) hurricane-resilient solar streetlights installed on; North Caicos (25), Middle Caicos (25), and **Providenciales (60)** will be installed.

Component 2: Applicable laws and regulations, policies related to the national energy transition strategy critically reviewed and Energy efficiency market transitions are strengthened.

A comprehensive review of existing energy legal and regulatory frameworks, including the Electricity Ordinance, Customs Ordinance, Physical Development Ordinance, Development Manual, Building Code, Energy Policy, and housing policies will be conducted and proposed amendments will be made to existing applicable laws, regulations, and policies in TCI. A financial and investment analysis of RE and EE technologies will also be conducted.

A strategy for the market transition towards efficient energy-consuming products and appliances will be developed in accordance with the criteria of CARICOM Regional Organization for Standards and Quality (CROSQ). A draft report on the recommendations (regulations, defining procedures and infrastructure needs, and outline procedures for market surveillance) will be prepared by the project. A report on financial and investment analysis of RE will also be prepared under this component of the project.

Component 3: Increased national conversations, interests, and knowledge awareness surrounding sustainable energy and TCI's green energy transition.

A Communications and Visibility plan, and a Community Outreach, Awareness, and Communication Strategy will be prepared and implemented, including but not limited to the development of EUD website. The design and distribution of flyers, brochures, posters, billboards, press releases, radio & TV interviews, town hall/public meetings will be populated on the UED website periodically.

Component 4: Improved institutional capacity building for energy transition and economic Diversification.

At the end of the project the local capacity of TCI residents to participate in the transition towards green energy will be enhanced. A cadre of local experts on RE and EE will be established to support TCIs green energy transition.

## PART THREE: INTRODUCTION

We are pleased to inform you that [your firm] [the consortium led by you] is invited to take part in the [simplified procedure] procedure for the above contract. The complete tender dossier attached to this Invitation to Tender (ITT) includes:

### VOLUME 1

#### SECTION 2: TENDER FORM

- Declaration of honour on exclusion and selection criteria Form a.14

#### SECTION 3: FORMS regarding selection criteria:

- Financial capacity Form 4.4
- Technical and professional capacity Form 4.6.5

#### SECTION 4: TECHNICAL OFFER:

- Legal Entity File FORM 4.3
- Overview of the tenderer's staff Form 4.6.1.2
- Plant Form 4.6.2
- Work plan and programme Form 4.6.3

#### SECTION 5: ADMINISTRATIVE COMPLIANCE GRID AND EVALUATION GRID

- Administrative compliance grid
- Evaluation grid

### VOLUME 2

#### SECTION 1: CONTRACT FORM

#### SECTION 3: SPECIAL CONDITIONS

### VOLUME 4.2

#### FINANCIAL OFFER LUMP SUM CONTRACTS

For full information about procurement procedures please consult the practical guide and its annexes, which can be downloaded from the following web page:

[http://ec.europa.eu/europeaid/funding/about-funding-and-procedures/procedures-and-practical-guide-prag\\_en](http://ec.europa.eu/europeaid/funding/about-funding-and-procedures/procedures-and-practical-guide-prag_en)

We look forward to receiving your tender.

By submitting a tender, you accept to receive notification of the outcome of the procedure by electronic means. Such notification shall be deemed to have been received by you on the date upon which the contracting authority sends it to the electronic address you referred to in your offer.

If you decide not to submit a tender, we would be grateful if you could inform us in writing, stating the reasons for your decision.

## PART FOUR: INSTRUCTIONS TO TENDERERS, with CONTRACT NOTICE

### INSTRUCTIONS TO TENDERERS

In submitting a tender, the tenderer accepts in full and without restriction the special and general conditions governing the contract as the sole basis of this tendering procedure, whatever its own conditions of sale may be, which it hereby waives. Tenderers are expected to examine carefully and comply with all instructions, forms, contract provisions and specifications contained in this tender dossier. Failure to submit a tender containing all the required information and documentation within the deadline specified will lead to the rejection of the tender. No account can be taken of any reservation in the tender as regards the tender dossier; any reservation may result in the immediate rejection of the tender without further evaluation.

These instructions set out the rules for the submission, selection and implementation of contracts financed under this call for tenders, in conformity with the provisions of the practical guide, which is applicable to the present call (available on the internet at this address: <http://ec.europa.eu/europeaid/prag/document.do>).

### GENERAL PART

#### GENERAL INSTRUCTIONS

Tenderers must tender for the whole of the works required by the dossier. Timetable:

	DATE	TIME*
<b>Send clarification questions from Bidders to Contracting Authority (via email: eid@gov.tc)</b>	May 1 , 2024 (Wednesday)	End of Business (TCI Time)
<b>Date on response to questions by the binder by the contracting authority via email</b>	May 6, 2024	End of Business (TCI Time)
<b>Deadline for submission of tenders</b>	May 10, 2024	4:00 PM  TCI Time
<b>Tender opening session</b>	May 14, 2024	10:00 AM  (TCI Time)

<b>Notification of award to the successful tenderer</b>	May 16, 2024	-
<b>Signature of the contract</b>	May 30, 2024	-

## TENDER EXPENSES

The tenderer will bear all costs associated with the preparation and submission of the tender. The contracting authority will in no case be responsible or liable for such costs, whatever the conduct or outcome of the procedure.

The contracting authority will neither be responsible for, nor cover, any expenses or losses incurred by the tenderer through site visits and inspections or any other aspect of its tender.

## OPPORTUNITY FOR CLARIFICATION ISSUES

All clarification issues must be sent to the contracting authority on **May 6 2024**.

[The answers to questions will be sent to all senders/bidders]<sup>1</sup>

## TENDERS DOCUMENTS

### CONTENT OF TENDER DOCUMENTS

Tenderers bear sole liability for examining with appropriate care the tender documents, including those design documents available for inspection and any modification to the tender documents issued during the tendering period, and for obtaining reliable information with respect to any and all conditions and obligations that may in any way affect the amount or nature of the tender or the execution of the works. In the event that the tenderer is successful, no claim for alteration of the tender amount will be entertained on the grounds of errors or omissions in the obligations of the tenderer described above.

### EXPLANATIONS CONCERNING TENDER DOCUMENTS

Tenderers may submit questions in writing up to **May 1, 2024** before the deadline for submission of tenders, specifying the publication reference and the contract title, to:

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<sup>1</sup> The answers should comply with the requirements on Data Protection, section 21 of this annex.

Contact name: The TCIG RESEMBID SEP

Address: c/o The Ministry of Public Safety and Utilities (MPSU), Energy and  
Utilities Department E-mail: [eud@gov.tc](mailto:eud@gov.tc)

The contracting authority has no obligation to provide additional information after this date.  
Any clarification of the tender dossier will be communicated simultaneously to all tenderers at  
the latest 8 calendar days before the deadline for submitting tenders.

## **MODIFICATIONS OF TENDER DOCUMENTS**

The contracting authority may amend the tender documents up to 8 calendar days before the  
deadline for submission of tenders.

[Electronic submission:

Any modification of the tender dossier will be accessible at:

<https://www.dropbox.com/sc/fo/hm8gei0dhhyefj3eig81e/h?dl=0&rlkey=p7tu4fgk7c7k9rjstsofn3q16>

Any modification of the tender dossier will be communicated simultaneously in writing to all  
tenderers via email.

The contracting authority may, as necessary and in accordance with clause 12, extend the  
deadline for submission of tenders to give tenderers sufficient time to take modifications into  
account when preparing their tenders.

## **TENDERS PREPARATION**

### **LANGUAGE OF TENDERS**

The tender and all correspondence and documents related to the tender exchanged by the  
tenderer and the contracting authority must be written in the language of the procedure which  
is English.

### **CONTENT AND PRESENTATION OF TENDER**

The tender must be signed by a person or persons empowered by the power of attorney  
submitted in accordance with Form 4.3 of Volume 1, Section 4 of the tender dossier.

All tenders must comprise the following information and duly completed documents:

- 8.1 Tender form, 'Declaration on Honour on exclusion criteria and selection criteria'<sup>2</sup>.
- 8.2 Evidence of the tenderer's fulfilment of the following eligibility and selection criteria:
- the eligibility requirements in Form 4.3 ('Legal entity file'). Copies of the most recent documents showing legal status and place of registration of the headquarters of the tenderer are to be attached;
  - the economic and financial capacity requirements in section 14.a of the attached contract notice, through Form 4.4;
  - the professional and technical capacity requirements in section 14.b of the attached contract notice, through Form 4.6.5.
- 8.3 Financial offer, in accordance with Form 4.2.3 ('Breakdown of the lump-sum price') of Volume 4;

The breakdown of the lump-sum price does not derogate in any way to the clause according to which, in a lump-sum contract, the total contract price remains fixed irrespective of the quantities of work actually carried out. The prices filled in Volume 4 are deemed to have been determined on the basis of the conditions in force 30 days prior to the latest date fixed for submission of tenders.

- 8.4 Technical offer, which must include this information:
- a list of the staff proposed for the execution of the contract, with the CVs of key staff (Forms 4.6.1.2 and 4.6.1.3);
  - a list of plant proposed for execution of the contract (Form 4.6.2). The descriptions must demonstrate the tenderer's ability to complete the works and should include inter alia:
    - Trenching machines
    - Concrete mixing and placing plant
    - Cranes and lifting equipment

The tenderer must indicate whether such equipment is owned, hired or used by a subcontractor.
  - a work plan with brief descriptions of major activities (Form 4.6.3 Volume 1), showing the sequence and proposed timetable for the implementation of the tasks.

<sup>2</sup> See detailed instructions on p.5 of annex ds4c

- 8.5 a power of attorney empowering the person signing the tender and all related documentation (Form 4.3).
- 8.6 Tenders submitted by companies in partnerships forming a joint venture/consortium must also fulfil the following requirements:
- The tender must include all the information required by Subclause 8.2 above for each member of the joint venture/consortium and the summary data for execution of works by the tenderer.
  - The tender must be signed in a way that legally binds all members. One member must be appointed lead member and that appointment confirmed by submission of powers of attorney signed by legally empowered signatories representing all the individual members. See Form 4.3 in Volume 1 and the tender form.
  - All members of the joint venture/consortium are bound to remain in the joint venture/consortium for the whole execution period of the contract. See the declaration in the tender form.

## TENDER PRICES

The currency of the tender is the [USD]

The tenderer must provide a breakdown of the lump-sum price in [USD]. The tender price must cover the whole of the works as described in the tender documents. No payment will be made for items which have not been costed; such items will be deemed to be covered by other items on the breakdown of the lump-sum price.

## PERIOD OF VALIDITY OF TENDERS

Tenders must remain valid for a period of 90 days from the deadline for submission of tenders indicated in the contract notice, the invitation to tender or as modified in accordance with Clause 6 and/or 12.

The successful tenderer must maintain its tender for a further 60 days. The further period is added to the validity period irrespective of the date of notification.

## SUBMISSION OF TENDERS

[Paper submission:

The complete tender must be submitted in **one original**, clearly marked 'original' and **two copies**, also clearly marked 'copy'. In the event of any discrepancy between them the original will prevail.

The technical and financial offers must be placed together in a sealed envelope. The envelopes should then be placed in another sealed envelope/package, unless their volume requires several envelopes/packages.

All tenders must be sent to the contracting authority before the deadline for submission of tenders specified in the table in point 1 above:

**EITHER** by post or by courier service, in which case the evidence shall be constituted by the postmark or the date of the deposit slip<sup>3</sup>, to:

**[ Ministry of Public Safety and Utilities (MPSU), Turks and Caicos Islands Government Business Park, Airport Road Providenciales, Turks and Caicos Islands, TKCA 1ZZ**

**OR hand delivered** by the participant in person or by an agent **directly** to the premises of the contracting authority in return for a **signed and dated receipt**, in which case the evidence shall be constituted by this acknowledgement of receipt, to:

**[Ministry of Public Safety and Utilities (MPSU), Turks and Caicos Islands Government Business Park, Airport Road Providenciales, Turks and Caicos Islands TKCA 1Z, Operating Hours 8:30 AM to 4:00 PM Monday to Friday]**

The contracting authority may, for reasons of administrative efficiency, reject any request to participate or tender submitted on time to the postal service but received, for any reason beyond the contracting authority's control, after the effective date of approval of the evaluation report, if accepting tenders that were submitted on time but arrived late would considerably delay the evaluation procedure or jeopardise decisions already taken and notified.

The technical and financial offers must be placed together in one sealed envelope. This envelope should then be placed in another sealed envelope/package, unless their volume requires a separate submission for each lot.

The outer envelope should provide the following information:

the address for submitting tenders indicated above;

- b) the reference code of the tender procedure (i.e., < **RES-33/TCI-03-1**>);
- c) the words 'Not to be opened before the tender-opening session';

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<sup>3</sup> It is recommended to use registered mail in case the postmark would not be readable.

d) the name of the tenderer.

Each envelope must include an index of its contents. The pages of the technical and financial offers must be numbered.]

## **EXTENSION OF THE DEADLINE FOR SUBMISSION OF TENDERS**

The contracting authority may, on its own discretion, extend the deadline for submission of tenders when issuing a modification. In such cases, all rights and obligations of the contracting authority and the tenderer regarding the original date specified in the contract notice will be subject to the new date.

## **LATE TENDERS**

All tenders received after the deadline for submission specified in these instructions will be kept by the contracting authority.

No liability can be accepted for late delivery of tenders. Late tenders will be rejected and will not be evaluated.

## **ALTERATION AND WITHDRAWAL OF TENDERS**

[Paper submission: Tenderers may alter or withdraw their tenders by written notification prior to the above deadline. No tender may be altered after the deadline for submission. Withdrawals must be unconditional and will end all participation in the tender procedure.]

Any such notification of alteration or withdrawal must be prepared and submitted in accordance with Clause 11 above, and the envelope must also be marked with 'alteration' or 'withdrawal' as appropriate.

## **OPENING AND EVALUATION OF TENDERS**

### **OPENING OF TENDERS**

The opening session should be held at least one week after the deadline for submission of tenders.

### **EVALUATION OF TENDERS**

The contracting authority reserves the right to ask a tenderer to clarify any part of the offer that the evaluation committee may consider necessary for the evaluation of the offer. Such requests and the responses to them must be made in writing. They may in no circumstances alter or try to change the price or content of the tender, except to correct arithmetical errors discovered by the

evaluation committee when analysing tenders. The contracting authority reserves the right to check information submitted by the tenderer if the evaluation committee considers it necessary.

The evaluation of tenders will be conducted according to Section 5.3.9.4 of the practical guide:

#### 16.1 Examination of the administrative conformity of tenders

The evaluation committee will check that each tender:

- has been properly signed;
- all the elements in the administrative compliance grid are acceptable; has complete documentation and information;
- substantially complies with the requirements of these tender documents.

#### 16.2 Examination of the selection criteria

The evaluation committee will check whether the tenderers meet the eligibility and selection criteria.

#### 16.3 Technical evaluation

The evaluation committee will analyse the tenders' technical conformity in relation to the technical specifications, classifying them technically compliant or non-compliant.

#### 16.4 Financial evaluation

Once the technical evaluation has been completed the evaluation committee checks that the financial offers contain no arithmetical errors. When analysing the tender, the evaluation committee will determine the final tender price after adjusting it on the basis of Clause 17.

#### 16.5 Award criterion

The most economically advantageous tender is the technically compliant tender with the lowest price.

Documentary evidence required from the successful tenderer.

At any time during the procurement procedure and before the award of the contract, the contracting authority may request documentary evidence on compliance with the exclusion criteria set out in these instructions.

## **CORRECTION OF ERRORS**

Possible errors in the financial offer will be corrected by the evaluation committee as follows:

where there is a discrepancy between amounts in figures and in words, the amount in words will prevail;

except for lump-sum contracts, where there is a discrepancy between a unit price and the total amount derived from the multiplication of the unit price and the quantity, the unit price as quoted will prevail.

The amount stated in the tender will be adjusted by the evaluation committee in the event of error, and the tenderer will be bound by that adjusted amount.

## **CONTRACT AWARD**

### **NOTIFICATION OF AWARD, CONTRACT CLARIFICATIONS**

Prior to the expiration of the period of validity of tenders, the contracting authority will notify the successful tenderer, in writing, that its tender has been selected and draw its attention to any arithmetical errors corrected during the evaluation process. This notification may take the form of an invitation to clarify certain contractual questions raised therein, to which the tenderer must be prepared to reply. This clarification will be confined to issues that had no direct bearing on the choice of the successful tender. The outcome of such clarifications will be set out in a memorandum of clarifications, to be signed by both parties and incorporated into the contract.

By submitting a tender, each tenderer accepts to receive notification of the outcome of the procedure by electronic means. Such notification shall be deemed to have been received on the date upon which the contracting authority sends it to the electronic address referred to in the offer.

The successful tenderer will be informed in writing that its tender has been accepted (notification of award).

## **CONTRACT SIGNING**

Within 30 days of receipt of the contract already signed by the contracting authority, the selected tenderer must sign and date the contract and return it to the contracting authority. On signing the contract, the successful tenderer will become the contractor and the contract will enter into force.

If it fails to sign and return the contract within 30 days after receipt of notification, the contracting authority may consider the acceptance of the tender to be cancelled without prejudice to the contracting authority's right to claim compensation or pursue any other remedy in respect of

such failure, and the successful tenderer will have no claim whatsoever on the contracting authority.

## **CANCELLATION OF THE TENDER PROCEDURE**

In the event of a tender procedure's cancellation, tenderers will be notified by the contracting authority. In case of paper submission and if the tender procedure is cancelled before the tender opening session the sealed envelopes will be returned, unopened, to the tenderers.

Cancellation may occur where:

the tender procedure has been unsuccessful, namely where no qualitatively or financially worthwhile tender has been received or there has been no valid response at all;

the economic or technical parameters of the project have been fundamentally altered;

exceptional circumstances or force majeure render normal execution of the project impossible;

all technically compliant tenders exceed the financial resources available;

there have been irregularities in the procedure, in particular where these have prevented fair competition;

the award is not in compliance with sound financial management, i.e. does not respect the principles of economy, efficiency and effectiveness (e.g. the price proposed by the tenderer to whom the contract is to be awarded is objectively disproportionate with regard to the price of the market.

**In no event will the contracting authority be liable for damages whatsoever including, without limitation, damages for loss of profits, in any way connected with the cancellation of a tender procedure, even if the contracting authority has been informed of the possibility of damage. The publication of a procurement notice does not commit the contracting authority to implement the programme or project announced.**

## **DATA PROTECTION**

[Processing of personal data related to this tender procedure by the contracting authority takes place in accordance with the national legislation of the state of the contracting authority and with the provisions of the respective financing agreement.

The tender procedure and the contract relate to an external action funded by the EU, represented by the Expertise France. If processing your reply to the invitation to tender involves transfer of personal data (such as names, contact details and CVs) to the Expertise France, they will be processed solely for the purposes of the monitoring of the procurement procedure and of the implementation of the contract by the Expertise France, for the latter to comply with its obligations under the applicable legislative framework and under the financing agreement

concluded between the EU and the Partner Country without prejudice to possible transmission to the bodies in charge of monitoring or inspection tasks in application of EU law. For the part of the data transferred by the contracting authority to Expertise France, the RESEMBID Programme Manager is the contact person for the processing of personal data carried out within the contract.

## **EARLY DETECTION AND EXCLUSION SYSTEM**

The tenderers and, if they are legal entities, persons who have powers of representation, decision-making or control over them, are informed that, should they be in one of the situations of early detection or exclusion, their personal details (name, given name if natural person, address, legal form and name and given name of the persons with powers of representation, decision-making or control, if legal person) may be registered in the early detection and exclusion system (EDES) and communicated to the persons and entities concerned in relation to the award or the execution of a procurement contract.

## **CONTRACT NOTICE**

### **To Install 60 Solar Streetlights (SSL) in Providenciales, Turks and Caicos Islands**

#### **Reference**

< RES-33/TCI-03 >

#### **Procedure**

[Simplified]

## Programme title

< TCI RESEMBID Sustainable Energy Project, “Transitioning Towards Green Energy in the Turks and Caicos Islands>

## Financing

The project is [financed] by the European Union, in accordance with the rules of Expertise France.

[The project is co-financed by, The Government of the Turks and Caicos Islands, Ministry of Public Safety and Utilities (MPSU).

## Contracting authority

Ministry of Public Safety and Utilities, , Energy and Utilities Department  
Turks and Caicos Islands Government Business Park, Airport Road Providenciales, Turks and Caicos Islands, TKCA IZZ

## CONTRACT SPECIFICATIONS

### Nature of contract

<Lump-sum>

### Description of the contract

Tenderers are invited to tender for the installation of 60 to Solar Streetlights in Providenciales.

Each installation must be capable of withstanding hurricane force winds up to 157 miles per hour. The height of the poles will be between 25 – 30 feet in height (as procured). All nuts, bolts or anchor rods must be stainless steel or equivalent, suitable for a corrosive environment. Successful Tenderers will be allowed to make reasonable adjustments to their designs based on manufacturer’s specifications.

Tenders shall provide details of the Plan to be used for the purpose of the contract, stating what is owned and/ or rented.

The Contractor shall withdraw the Solar Streetlights, poles and accessories from a location to be designated by the contracting Authority.

The contractor shall take full responsibility of the goods from the storage/location to be designated by the contracting authority. Any damage, loss or theft, thereafter, shall be the full responsibility of the contractor to replace such good/s with a new one.

### **Provisional commencement date of the contract**

< June 2024 >

### **Period of implementation of tasks**

<The period of implementation of all tasks from contract signature to the provisional acceptance shall be no more than 30 calendar days.>

## **CONDITIONS OF PARTICIPATION**

### **Legal basis, eligibility, and rules of origin**

Participation in tendering is open on equal terms to all natural and legal persons (participating either individually or in a grouping – consortium – of candidates/tenderers) which are established in one of the Member States of the European Union, ACP States or in a country or territory authorised by the ACP-EC Partnership Agreement under which the contract is financed.

Participation is also open to international organisations.

All supplies and materials under this contract may originate in any country.

### **Subcontracting**

Subcontracting is allowed.

Subcontractors, suppliers, and entities upon whose capacity the tenderer relies for the selection criteria, must be eligible in respect of the rules on nationality and origin for the financing programme detailed in Section 10 above.

### **Grounds for exclusion**

Natural persons, companies or undertakings falling into a situation set out in Section 2.6.10.1.1. ('exclusion from participation in procurement procedures') and Section 2.6.10.1.2. ('rejection from a given procedure') of the practical guide, are not entitled to participate in this tender procedure or be awarded a contract. Should they do so, their tender will be considered unsuitable or irregular respectively. Tenderers must provide declarations to the effect that they are not in any of the exclusion situations listed in Section 2.6.10.1. of the practical guide. The declarations must cover all the members of a joint venture/consortium. Tenderers guilty of

making false declarations may also incur financial penalties up to 10% of the value of the contract and exclusion in accordance with the Financial Regulation in force.

Those exclusion situations apply to all members of a joint venture/consortium, all subcontractors and all suppliers to tenderers, as well as to all entities upon whose capacity the tenderer relies for the selection criteria.

Tenderers included in the lists of EU restrictive measures (see Section 2.4. of the PRAG) at the moment of the award decision cannot be awarded the contract.

### **Number of tenders**

Tenderers may submit only one tender. Tenders for parts of the works will not be considered. Tenderers may not submit a tender for a variant solution in addition to their tender for the works required in the tender dossier.

## **SELECTION AND CRITERIA**

### **Selection criteria**

In order to be eligible for the award of the contract, tenderers must provide evidence that they meet the selection criteria. If a tender is submitted by a consortium, unless specified, the selection criteria will be applied to the consortium as a whole.

The selection criteria for each tenderer are as follows:

The selection criteria should be clear and non-discriminatory and may not go beyond the scope of the contract. The reference period for financial capacity may not go beyond the last 3 years for which accounts have been closed. Concerning the professional and technical capacity and in order to verify the corresponding selection criteria, the contracting authority may request one or more of the following:

- (a) information on the educational and professional qualifications, skills, experience and expertise of the persons responsible for performance;
- (b) a list of the works carried out in the last five years, accompanied by certificates of satisfactory execution for the most important works. However, where necessary in order to ensure an adequate level of competition, the contracting authority may indicate that evidence of relevant works delivered or performed more than five years before will be taken into account.
- (c) a statement of the technical equipment, tools or the plant available to the economic operator for performing the works contract;

- (d) a description of the technical facilities and means available to the economic operator for ensuring quality, and a description of available study and research facilities;
- (e) a reference to the technicians or technical bodies available to the economic operator, whether or not belonging directly to it, especially those responsible for quality control;
- (g) a statement of the average annual manpower and the number of managerial staff of the economic operator for the last three years;
- (h) an indication of the supply chain management and tracking systems that the economic operator will be able to apply when performing the contract;
- (i) an indication of the environmental management measures that the economic operator will be able to apply when performing the contract.

Consider which proof documents should be requested for each selection criteria. See Section 2.6.11. of the practical guide.

#### **14.a Economic and financial capacity of candidate:**

##### **Financial criteria:**

- the average annual turnover of the tenderer in the past 3 years must be at least <50,000 USD>
- the tenderer must have access to an amount of credit which exceeds <50,000> USD>

#### **14.b Technical and professional capacity of candidate:**

Tenderer must have completed at least one (1) project of the same nature, amount, or complexity as the works **concerned** by the tender and implemented during the following period: **Five (5) years** counting from the submission deadline of a tender. please specify the dates. The contracting authority reserves the right to ask for copies of certificates of final acceptance signed by the supervisors/contracting authority of the projects concerned.

##### **Capacity-providing entities:**

An economic operator may, where appropriate and for a particular contract, rely on the capacity of other entities, regardless of the legal nature of the links which it has with them. If the tenderer relies on other entities, it must prove to the contracting authority that it will have at its disposal the resources necessary to perform the contract by producing a commitment on the part of those entities to place resources at its disposal. Such entities, for instance the parent company of the economic operator, must respect the same rules of eligibility and notably that of

nationality, as the economic operator relying on them and must comply with the selection criteria for which the economic operator relies on them. Furthermore, the tender should include a separate document providing data on this third entity for the relevant selection criterion. Proof of capacity must be provided at the request of the contracting authority.

With regard to technical and professional criteria, a tenderer may only rely on the capacities of other entities where the latter will perform the works for which these capacities are required.

With regard to economic and financial criteria, the entities upon whose capacity the tenderer relies, become jointly and severally liable for the performance of the contract.

Financial data to be provided by the tenderer in relation to the selection criteria must be expressed in [USD]. If applicable, where a candidate refers to amounts originally expressed in a different currency, the conversion to [USD shall be made in accordance with the InforEuro exchange rate of [<MONTH and YEAR> of the applicable InforEuro exchange rate, which can either correspond to the month and year of the publication of the present contract notice or the month and year corresponding to the deadline for submitting applications], which can be found at the following address: <http://ec.europa.eu/budget/graphs/inforeuro.html>.

### **Award criteria**

The sole award criterion will be the price: the most economically advantageous tender is the technically compliant tender with the lowest price.

## **TENDERING**

### **Ethics clauses**

The tenderers are subject to the ethics clauses, detailed in Section 2.5.6. of the practical guide.

### **Appeals**

Tenderers believing that they have been harmed by an error or irregularity during the award process may file a complaint. See further Section 2.12. of the practical guide.

### **Early detection and exclusion system**

The tenderers and, if they are legal entities, persons who have powers of representation, decision-making or control over them, are informed that, should they be in one of the situations of early detection or exclusion, their personal details (name, given name if natural person, address, legal form and name and given name of the persons with powers of representation, decision-making or control, if legal person) may be registered in the early detection and exclusion system (EDES) and communicated to the persons and entities concerned in relation to the award or the execution of a procurement contract.

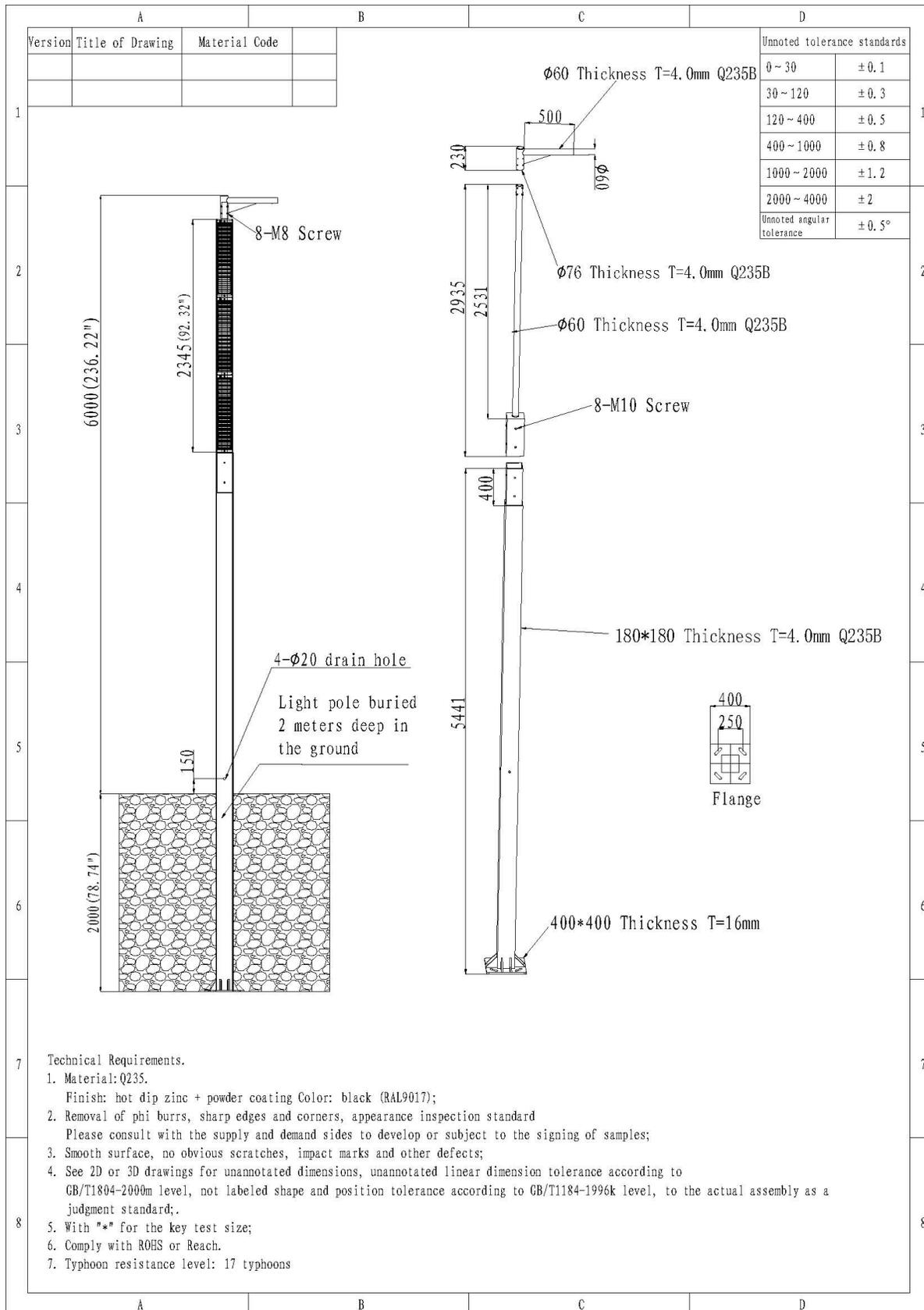
## Solar Street Light Specifications

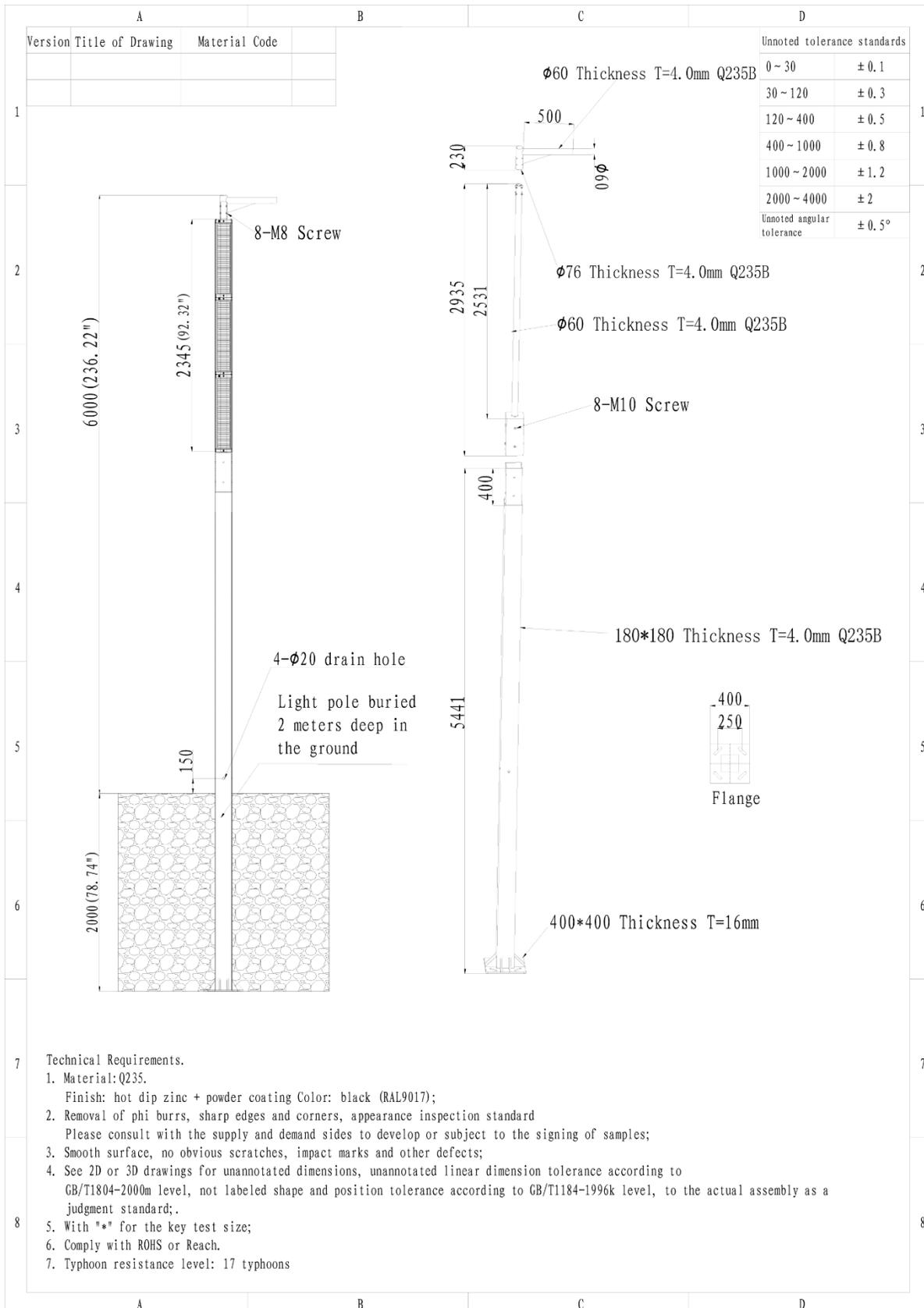
The integrated standalone LED solar-powered lights would be rated at a minimum of 100 Watts and are to be installed on metal poles capable of withstanding hurricane winds  $\geq 157$  mph at a high of 25 feet.

## TECHNICAL SPECIFICATIONS

1. Item number	2. Specifications required
1	Power: $\geq 100$ watts
2	Lumen/LED Type: $\geq 12,800$ Lumens
3	Colour Temperature: 4500K – 6000K
4	Light Control: Photo Sensor Light Control or timer controlled
5	Colour: Natural White
6	LED Life: $\geq 50,000$ hours
7	Working Temperature : $-10^{\circ}\text{F} - 140^{\circ}\text{F} / -23^{\circ}\text{C} - 60^{\circ}\text{C}$
8	Controller: Microwave induction/PIR
9	Luminous Efficacy: Minimum 110 lumens/watt
10	Heat sink: Well defined thermal management system should be provided, and LED must be mounted on heat sink conductive bars with suitable large surface area utilizing fins to dissipate the heat to ambient air
11	Body of fitting: Anti-corrosive material
12	Road viewing angle (Polar Candela Distribution): Horizontal 120 Degree & Vertical 70 Degree (Batwing pattern) – Type III
13	Certification preferred : UL, RoHS, CE
14	Solar Module: Mono-crystalline Silicon Cells
15	Battery Sealed: maintenance-free Lithium-Iron phosphate
16	Charging Time: Requires 6 hours of direct sunlight at optimal angle
17	Battery Discharge time: Minimum 30 operating hours per permissible discharge.
18	Design: Aerodynamic housing/shell featuring a watertight enclosure
19	Test Certificate & photometry charts: The test certificate of the LED lamps and lighting distribution pattern shall be provided from an officially authorized independent agency. The photometry chart should be from an equivalent independent test agency.
20	Rating: IP67

21	<p>Electronics Protection:</p> <ul style="list-style-type: none"> <li>• Adequate protection is to be incorporated under “No Load” conditions e.g. when the lamp is removed and the system is switched ON.</li> <li>• The system should have protection against battery overcharge and deep discharge conditions.</li> <li>• Fuse should be provided to protect against short circuit conditions.</li> <li>• Protection for reverse flow of current through the PV module(s) should be provided.</li> <li>• Adequate protection should be provided against battery reverse polarity</li> </ul>
22	<p>Special features: The entire unit should be theft-proof (anti-theft mechanism included) Must be able to withstand 157 mph wind speed or higher.</p>
23	<p>Poles: Round tapered pole shaft made of aluminium and meet all applicable material ASTM standards. Suitable foundation to support weight and wind speeds up to a category 5 hurricane.</p>
24	<p>Warranty: 5 years</p>





## Location of the Solar Street Lights in Providenciales

Light Number	Latitude (Y)	Longitude (X)
SSL- PLS 1	21.822896	-72.291529
SSL- PLS 2	21.818718	-72.288922
SSL- PLS 3	21.821481	-72.290257
SSL- PLS 4	21.820577	-72.290546
SSL- PLS 5	21.822232	-72.287900
SSL- PLS 6	21.824128	-72.291716
SSL- PLS 7	21.823220	-72.292886
SSL- PLS 8	21.821447	-72.291294
SSL- PLS 9	21.799807	-72.268597
SSL- PLS 10	21.799690	-72.268725
SSL- PLS 11	21.799569	-72.268850
SSL- PLS 12	21.799536	-72.269026
SSL- PLS 13	21.799411	-72.268716
SSL- PLS 14	21.782264	-72.211698
SSL- PLS 15	21.782324	-72.211961
SSL- PLS 16	21.782352	-72.212151
SSL- PLS 17	21.782390	-72.212324
SSL- PLS 18	21.782433	-72.212499
SSL- PLS 19	21.782474	-72.212676
SSL- PLS 20	21.782496	-72.212854
SSL- PLS 21	21.782426	-72.213015
SSL- PLS 22	21.782274	-72.213091
SSL- PLS 23	21.782180	-72.212941
SSL- PLS 24	21.782087	-72.258404
SSL- PLS 25	21.782079	-72.258581
SSL- PLS 26	21.782089	-72.258760
SSL- PLS 27	21.782114	-72.258936
SSL- PLS 28	21.782139	-72.259113
SSL- PLS 29	21.782158	-72.259294
SSL- PLS 30	21.782139	-72.259474
SSL- PLS 31	21.782097	-72.259648
SSL- PLS 32	21.782052	-72.259822
SSL- PLS 33	21.774555	-72.252131
SSL- PLS 34	21.774646	-72.252463
SSL- PLS 35	21.774250	-72.252441
SSL- PLS 36	21.766433	-72.267641
SSL- PLS 37	21.766361	-72.267800
SSL- PLS 38	21.766253	-72.267936

SSL- PLS 39	21.766145	-72.268068
SSL- PLS 40	21.766033	-72.268199
SSL- PLS 41	21.765914	-72.268326
SSL- PLS 42	21.765806	-72.268458
SSL- PLS 43	21.765679	-72.268572
SSL- PLS 44	21.765557	-72.268690
SSL- PLS 45	21.765427	-72.268803
SSL- PLS 46	21.765298	-72.268915
SSL- PLS 47	21.765164	-72.269025
SSL- PLS 48	21.765041	-72.269146
SSL- PLS 49	21.764909	-72.269255
SSL- PLS 50	21.764774	-72.269357
SSL- PLS 51	21.764641	-72.269465
SSL- PLS 52	21.764507	-72.269570
SSL- PLS 53	21.764374	-72.269680
SSL- PLS 54	21.764242	-72.269784
SSL- PLS 55	21.764105	-72.269886
SSL- PLS 56	21.763975	-72.269997
SSL- PLS 57	21.763837	-72.270098
SSL- PLS 58	21.763697	-72.270195
SSL- PLS 59	21.763563	-72.270302
SSL- PLS 60	21.763426	-72.270405