

Ireland: Electrical installation work EV infrastructure with Solar Panel and Battery back up

Contract or concession award notice – standard regime

1 Buyer

1.1 Buyer

Official name: Galway City Council

Legal type of the buyer: Body governed by public law, controlled by a local authority

Activity of the contracting authority: General public services

2 Procedure

2.1 Procedure

Title: EV infrastructure with Solar Panel and Battery back up

Description: GCC propose to pilot the use existing infrastructure and available spare MIC capacity (electricity capacity) at Westside Boxing Club with solar panel & battery storage back-up. This would eliminate the need for a new large kW ESB connection and yearly standing charge. This Pilot is being 100% funded by ZEVI (Zero Emission Vehicles Ireland) and is being used as a national Pilot for multiply organisations. The project is being run in conjunction with the ROBUST project. ROBUST is a Joined initiative between Trinity College Dublin, ESB, Enterprise rent-a-car which is funded by SEAI. The project proposes a long-term electric shared mobility hubs trial in four urban locations in Ireland, namely Dublin, Waterford, Galway and Sligo. The installed hub 2 thw1 The Negotiated Procedure without Prior Publication is proposed for this procurement on the following grounds set out in Reg 32: 1. Where the goods are manufactured purely for the purposes of research, experimentation, study or development. Provide Justification for Award without Competition infrastructure will comprise e-car charge points, electric cars, e-bikes and e-cargo bikes (provided by partners ESB & Enterprise) and further expand or alter the offer of micro-mobility options.

Procedure identifier: 0ad1932a-2773-41c6-9ad7-360cb0f7e5ed

Internal identifier: GCCLQ000088

Type of procedure: Innovation partnership

Justification for the accelerated procedure:

Main features of the procedure:

2.1.1 Purpose

Main nature of the contract: Works

Main classification (cpv): 45310000 Electrical installation work

2.1.2 Place of performance

Country: Ireland

Anywhere in the given country

2.1.3 Value

Estimated value excluding VAT: 281 625 Euro

2.1.4 General information

Legal basis:

Directive 2014/24/EU

5 Lot

5.1 Lot technical ID: LOT-0001

Title: EV infrastructure with Solar Panel and Battery back up

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Internal identifier: 1

5.1.1 Purpose

Main nature of the contract: Works

Main classification (cpv): 45310000 Electrical installation work

Quantity: 1 piece

5.1.2 Place of performance

Country: Ireland

Anywhere in the given country

Additional information:

5.1.5 Value

Estimated value excluding VAT: 281 625 Euro

5.1.6 General information

Procurement Project not financed with EU Funds.

The procurement is covered by the Government Procurement Agreement (GPA): yes

5.1.7 Strategic procurement

Aim of strategic procurement: Reduction of environmental impacts

Description: This proposed project will be first of its kind in Ireland with very few examples worldwide. Due to the unique proposal of this pilot, there are many unknowns and several positive learnings achievable within this pilot. This gained knowledge would not only be vital to GCC but at a national level for other Local Authorities and private stakeholders to utilise and deliver similar projects. The aim of this pilot is to use as much renewable energy as possible without the need of placing extra strain on an already overstressed electricity grid. As Westside Boxing club only has an available spare MIC (Maximum input capacity) of 40KVA electrical supply for EV chargers, an innovative solution was required. During research, only 1 company nationally was available to supply the required infrastructure and knowledge to deliver this pilot. It is intended to use the existing 40kVA of the Boxing Club to charge a Battery Energy Storage System (BESS) which will have 160kw of battery storage. The BESS will manage the building load, Solar PV charging and EV. It will prioritise the building supply and manage the available capacity to the EV chargers. When the building load is low it will provide capacity to the EV chargers. The solar will work in conjunction with the available grid capacity and available battery capacity to maximise the output. The batteries will use Off Peak Night Rate electricity to charge its batteries to maximum ready for the following days' usage. As discussed above this solution has never been used to provide power to EV charging infrastructure, to ensure successful roll out of 3 Provide Detail of Contract: Value of Procurement be sought €280,000.00 Approx. Duration

12 Months Proposed Vendor Name Electric Skyline Ltd. Sign-Off for Award without Competition: Signature
Name Date Note Requestor Colm Shaughnessy 16/09/2024 this pilot it is required to use this supplier to achieve continuity by providing their unique expertise in this area. This pilot will provide much need vital EV charging infrastructure to a large proportion residents across the city with the proposal to be supplied at reduced rate due to less reliance on grid electricity and more reliance on renewable. On successful completion of this pilot and on the gathering of the vital new learnings it is envision that this template could be used as an ideal solution for other GCC buildings to provide required EV infrastructure without the need for reliance if electrical grid. In this event all future projects will go through the required procurement process when all the required data & information is gathered and analysed from the pilot to ensure the most suitable system is in place for Galway City needs. The approx. cost of this project is €280,000.00, with approx. 70% of this cost is already procured thorough existing frameworks for electrical works, civil works and EV infrastructure. Total cost of pilot is approx. €280,000.00 (100% funded by ZEVI) • 70% of pilot costs is already procured through existing frameworks

Approach to reducing environmental impacts: Climate change mitigation

Green Procurement Criteria: National Green Public Procurement criteria

Innovative objective: The procured works, supplies or services involve research and development activities.

5.1.10 Award criteria

Criterion:

Type: Quality

Name:

Description: Pilot Project - On successful completion of this pilot and on the gathering of the vital new learnings it is envision that this template could be used as an ideal solution for other GCC buildings to provide required EV infrastructure without the need for reliance if electrical grid.

Category of award threshold criterion: Order of importance

Award criterion number: 1

Category of award weight criterion: Fixed value (per unit)

Award criterion number: 1

Category of award fixed criterion: Minimum score

Award criterion number: 1

Description of the method to be used if weighting cannot be expressed by criteria:

Justification for not indicating the weighting of the award criteria:

5.1.12 Terms of procurement

Information about review deadlines: As per memo provided

5.1.15 Techniques

Framework agreement:

No framework agreement

Information about the dynamic purchasing system:

No dynamic purchase system

5.1.16 Further information, mediation and review

Review organisation: The High Court of Ireland -

Information about review deadlines: As per memo provided

Organisation signing the contract: Galway City Council

6 Results

Value of all contracts awarded in this notice: 281 625 Euro

6.1 Result lot Identifier: LOT-0001

At least one winner was chosen.

6.1.2 Information about winners

Winner:

Official name: Electric Skyline

Tender:

Tender identifier: GCCLQ000088

Identifier of lot or group of lots: LOT-0001

Value of the tender: 281 625 Euro

The tender was ranked: no

The tender is a variant: no

Subcontracting: No

Contract information:

Identifier of the contract: GCCLQ000088

Date on which the winner was chosen: 20/09/2024

Date of the conclusion of the contract: 23/09/2024

Organisation signing the contract: Galway City Council

6.1.4 Statistical information

Received tenders or requests to participate:

Type of received submissions: Requests to participate

Number of tenders or requests to participate received: 1

8 Organisations

8.1 ORG-0001

Official name: Galway City Council

Registration number: 0022193N

Postal address: Galway City Council

Town: Galway

Postcode: H91 X4K8

Country subdivision (NUTS): West (IE042)

Country: Ireland

Email: James.murphy@galwaycity.ie

Telephone: 091536400

Buyer profile: <https://www.galwaycity.ie/>

Roles of this organisation:

Buyer

Organisation signing the contract

8.1 ORG-0002

Official name: The High Court of Ireland

Registration number: The High Court of Ireland

Department: The High Court of Ireland

Postal address: Four Courts, Inns Quay, Dublin 7

Town: Dublin

Postcode: D07 WDX8

Country subdivision (NUTS): Dublin (IE061)

Country: Ireland
Email: HighCourtCentralOffice@courts.ie
Telephone: +353 1 8886000
Roles of this organisation:
Review organisation

8.1 ORG-0003

Official name: European Dynamics S.A.
Registration number: 002024901000
Department: European Dynamics S.A.
Town: Athens
Postcode: 15125
Country subdivision (NUTS): Βόρειος Τομέας Αθηνών (EL301)
Country: Greece
Email: eproc-esender@eurodyn.com
Telephone: +30 2108094500
Roles of this organisation:
TED eSender

8.1 ORG-0004

Official name: Electric Skyline
Registration number: 1094729E
Postal address: Dalton Street Clare Co. Mayo
Town: Claremorris
Postcode: F12 Y7T3
Country subdivision (NUTS): West (IE042)
Country: Ireland
Email: info@electricsskyline.ie
Telephone: +353 094 9360954
Roles of this organisation:
Tenderer
Winner of these lots: LOT-0001

11 Notice information

11.1 Notice information

Notice identifier/version: 00cf1719-56bd-4d5e-94fd-e64698d83c61 - 01
Form type: Result
Notice type: Contract or concession award notice – standard regime
Notice dispatch date: 02/04/2025 11:45 +01:00
Languages in which this notice is officially available: English

11.2 Publication information