



05 DECEMBER 2025

**NOTICE TO TENDERERS NO. 2**

**TENDER NO: 104Q/2025/26**

**BOX NO: 227**

**CLOSING DATE: Thursday, 11 December 2025 at 10h00**

**DESCRIPTION: NEW ELECTRIC BUS CHARGING INFRASTRUCTURE AT THE IRT FORESHORE STAGING FACILITY**

**TO ALL TENDERERS:**

This notice to tenderers forms an integral part of the Contract and is an addendum to be bound into the Project Document. Tenderers are therefore requested to:

- 1) Record receipt of this Notice on Schedule 24: Record of Addenda to Tender Documents.
- 2) Sign and return this Notice (Append to schedule 24) together with their completed tender document.

**NT 2.1: Your attention is drawn to the below schedule of clarifications to emailed questions received during the tender process, since the clarification meeting:**

Note that the 20 questions do not use exact BOQ reference numbers. Line items were inferred according to item headings and question descriptions provided by the inquiring parties.

Multiple questions per line (of the submitted table) required some of the responses to be separately numbered

| Question No. | BOQ Tab No. | Item heading              | Question                                                                                                                                | Response                                                                                                                                                                                                                                           |
|--------------|-------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1            | 1           | Workstation Furniture     | 1. Are these items supposed to be placed in the guard house as a site office or<br>2. is this part of the final hand over installation? | 1. The Furniture items are intended for placement in the workstation for operational use and not during construction.<br>2. These items will be part of handover of the completed works at practical completion.                                   |
| 2            | 2           | Concrete services channel | Where does this service channel need to be installed exactly?<br>Can the location be marked on a drawing (if yes, what drawing number?) | 1. Cable route from the canopy over the charging cabinets to the guard hut office.<br>2. Drawing 24089E/206/03/03 => Sleeve route towards guard hut (2 x 110dia), westernmost area where sleeve route is indicated as tying into existing manhole. |

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| 3  | 3  | Connect to guard hut installation to external cableway                        | Is this for the connection of the existing Manhole on drawing 24089E-206-03-03?                                                                                  | No, this manhole is located ±6m from point of cable entry into existing prefab office.                                                                                                                                                                                                                                                                                                                                                                                                        |
| 4  | 4  | LV AC Supply cable                                                            | Where does this feed from? ie. Where is the point of supply? Or is this cable replacing an existing cable?                                                       | 1. Supply is from kiosk located at the guard hut (point-of-supply).<br>2. Cable is intended to supply the guard hut DB, replacing the current cable.                                                                                                                                                                                                                                                                                                                                          |
| 5  | 10 | Conduit (cast in, surface or chased)?                                         | Where is all of this detail for? What drawing does it relate to?                                                                                                 | Refer Drawings 24089E/320/01 and 24089E/320/02 (electrical and electronic fitout of the guard hut office)                                                                                                                                                                                                                                                                                                                                                                                     |
| 6  | 11 | Padlocks and Keys - CCT spec                                                  | What is this spec? Can we receive the spec document?                                                                                                             | 1. Similar to CCT EGD specification for padlocks.<br>2. Further description provided here:<br>- Weatherproof unit, with protective plastic cover for body, shackle seals, integral plastic cover for cylinder (boot), and drainage channels incorporated<br>- High precision ≥4 Pin Tumbler brass cylinder and dual locking system<br>- Body: Hardened steel with corrosion protection coating<br>- Stainless steel (316 Grade) shackle and inner components<br>- Locks are to be keyed alike |
| 7  | 11 | Supply authority metering                                                     | What is this spec? Can we receive the spec document?                                                                                                             | Metering adjustments will be handled by the supply authority.<br>Pricing to be provided is for the contractor's assistance and coordination on site.                                                                                                                                                                                                                                                                                                                                          |
| 8  | 12 | Existing LV cables "Cable route tracing and recording (12 feeder cables)"     | What 12 feeder cables? Is this the transformer feed cables?                                                                                                      | 1. This item refers to the existing low voltage cables, previously installed. The exact placement is not known and must be traced<br>2. The 12 low voltage cables are connected to the existing miniature substation                                                                                                                                                                                                                                                                          |
| 9  | 12 | Existing LV cables "Remove existing cables from terminals (10 x 3-ph cables)" | Where are these existing cables? Is this the existing Transformer feed OR load side? By Remove, does this intend to mean "disconnect" or "remove" from the site? | 1. Existing LV cables previously installed, intended for supply to loads<br>2. De-energised disconnection, and subsequent removal of cable will be necessary.                                                                                                                                                                                                                                                                                                                                 |
| 10 | 12 | LV Cables "Miniature substation to cabinets"                                  | Is this the feed to the new DC charger rectifier cabinets? Is there an existing DB that gets fed from the transformer at the moment, or is it not connected yet? | 1. Correct<br>2. There is an existing kiosk at the guard hut office that connects to the existing miniature substation, which cable was previously installed but not yet energised                                                                                                                                                                                                                                                                                                            |
| 11 | 12 | LV Cables "300mm <sup>2</sup> x 4-core Cu"                                    | Can we spec Aluminium to mitigate theft risk and reduce cost?                                                                                                    | Tenderers may propose alternatives , in accordance with and following the stipulations of the conditions of tender.                                                                                                                                                                                                                                                                                                                                                                           |

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| 12 | 12 | LV Cables:<br>Remedial works<br>"Correction of<br>cable ends<br>(50mm <sup>2</sup> Cu 4-<br>core PVC SWA<br>PVC)" | Where are these cables?<br>Location on what drawing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | These cables are connected to the existing<br>miniature substation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 13 | 13 | Utility metering -<br>adjustment of<br>metering point                                                             | Who is the supply authority to<br>obtain a quote?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | City of Cape Town (CCT) Energy<br>Generation and distribution (EGD) is the<br>licensed supply authority. Actual costs<br>incurred will be reconciled at<br>implementation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 14 | 16 | Charging<br>Cabinets                                                                                              | What is the minimum warranty<br>period required on the charging<br>equipment?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Refer conditions of contract Clause C5<br>(Page 108)<br>The Equipment Warranty shall be for a<br>minimum of 2 years period, irrespective of<br>the charging kWh delivered and the number<br>of charging sessions engaged, with the<br>period starting on the date of completion.<br>The charging equipment shall further be<br>warranted for delivery of a minimum of 500<br>000kWh per dispenser channel,<br>irrespective of the number of charging<br>sessions engaged and the expiry of the 2<br>year period .                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 15 | 16 | Charging<br>Cabinets                                                                                              | We would like to make an offer<br>for consideration on two possible<br>hardware solutions, both fully<br>compliant to the specified<br>standards, but at different price<br>points.<br>How do we present both bids?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tenderers may propose alternatives , in<br>accordance with and following the<br>stipulations of the conditions of tender:<br>clause C.2.12.1 which states that if you<br>wish to submit an alternate offer, you<br>should do so on a separate set of tender<br>documents, in a separate envelope marked<br>as 'alternative tender'.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 16 | 16 | Charging<br>Cabinets                                                                                              | Why two separate power units?<br>Why not one single 700-800kW<br>power unit with 10 outlets?<br>The maximum charging speed per<br>connector can be increased if its<br>one unit and the overall cost per<br>kW of total installed charger<br>capacity will be lower?<br>The on-site transformer will also<br>be oversubscribed (on a<br>conservative electrical design<br>approach of 80% utilisation) at<br>the Scoped 700kW draw.<br>A transformer with 800kVa supply<br>can provide 640 kVa supply at the<br>80% utilisation factor... 700kVa<br>would be fine, however,<br>Could we get clarification on what<br>safety margin ought to be placed<br>on this design?<br>If a single charger unit is not<br>acceptable, can we specify two<br>360kW units limited to 350kW<br>each (to meet the full 700kW<br>output spec)? | 1. The preferred design informed the<br>tender specification<br>2. Charging management must be applied<br>for distribution of power across the<br>charging bays served by a specific cabinet,<br>up to preset limits selected at<br>implementation<br>3. Charging management will be applied<br>across the separate cabinets up to preset<br>limits selected at implementation, and in<br>conjunction with transformer protection<br>measures to achieve transformer overload<br>protection<br>4. The tender stipulates the application of<br>an 80% utilisation factor of the transformer<br>nominal rating, i.e. that the demand must<br>be limited to 80% of the transformer's<br>rating. Tenderers' offers must incorporate<br>the technical characteristics of the<br>equipment that they are offering.<br>5. Tenderers may propose alternatives, in<br>accordance with and following the<br>stipulations of the conditions of tender. |

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| 17 | 17 | Satellite Dispensers       | No DC power reticulation cables specified?<br>Do we include this in the final cost of each terminal?                                                                                                                | 1. Refer BOQ item for cabling from charging cabinets to individual satellite dispensers (respectively listed for Canopy Cabinet 1 and Canopy Cabinet 2).<br>2. Cabling is to include power and control functions, suited to and in accordance with the OEM's specific requirements.                                                                                                                                                                                                         |
| 18 | 17 | Satellite Dispensers       | Could we supply two quote options? 250A and 350A-overclock. There are also 500A liquid cooled options available which could future proof the installation, would this be something that you would wish to consider? | 1. Tenderer may propose alternatives, in accordance with and following the stipulations of the conditions of tender2.<br>Current E-Bus specification indicates maximum CCS2 250A version (i.e vehicles currently on order)                                                                                                                                                                                                                                                                  |
| 19 | 17 | Satellite Dispensers       | To cover the satellite outlets? Isn't the existing canopy enough protection?<br>The outlets IP ratings allow for it to be used outdoors.                                                                            | 1. The tenderer appears to be querying the possible cover above the charging outlets i.e satellite dispensers. For clarity, none of the items under BOQ Tab 17 is intended to create a second canopy or roof cover above the charging equipment.<br>2. This BOQ Tab 17 relates to satellite dispenser bases, satellite dispenser units (single outlet), and cables from cabinets to dispensers (DC power, DC control, DC bus), for which pricing must be provided, as per question 17 above |
| 20 | 18 | Control kiosk for chargers | Can we change the specified location on site to rather have it right next to the DC power supply cabinets?                                                                                                          | Amendments during implementation will follow the contract's change processes                                                                                                                                                                                                                                                                                                                                                                                                                |

Yours Sincerely,

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**Director: Supply Chain Management**

**ACKNOWLEDGEMENT OF RECEIPT FOR AND ON BEHALF OF THE TENDERER: TENDER No. 58Q/2025/26**

At ..... on this ..... Day of ..... 2025.

Signature: .....

Name of Signatory: .....  
(In ink and capitals)

TENDERER: .....  
(Name of firm in ink and capitals)