***ANNEX II + III:* TECHNICAL SPECIFICATIONS + TECHNICAL OFFER**

**Contract title: Supply of generator , spareparts and UPS** **p 1 /…**

**Publication reference:** 10/CUAMM/ETH/2025/AID 05/12282/ETH

**Columns 1-2 should be completed by the contracting authority Columns 3-4 should be completed by the bidder**

**Column 5 is reserved for the evaluation committee**

Annex III - the contractor's technical offer

The bidders are requested to complete the template on the next pages:

* Column 2 is completed by the contracting authority shows the required specifications (not to be modified by the bidder),
* Column 3 is to be filled in by the bidder and must detail what is offered (for example the words ‘compliant’ or ‘yes’ are not sufficient)
* Column 4 allows the bidder to make comments on its proposed supply and to make eventual references to the documentation

The eventual documentation supplied should clearly indicate (highlight, mark) the models offered and the options included, if any, so that the evaluators can see the exact configuration. Offers that do not permit to identify precisely the models and the specifications may be rejected by the evaluation committee.

The offer must be clear enough to allow the evaluators to make an easy comparison between the requested specifications and the offered specifications.

**Lot 1 Supply of Generator**

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| **1.**  **Item number** | **2.**  **Specifications required** | | **3.**  **Specifications offered**  **TO BE FILLED BY THE SUPPLIER** | **4.**  **Notes, remarks, ref. to documentation** | **5.**  **Evaluation committee’s notes** |
| **1** | | **Generator 1**  Specifications:  15 kVA water cooled generator with a prime power output of 15 kVA, 12kW and a standby output of 17kVA, 12kW at 0.8 power factor, 3 phase, 4 wire, 415/240 / 400/230 / 380/220 Volts, 50 Hz at 1500 RPM.  The complete generating set is mounted in a heavy gauge steel, weatherproof and acoustic enclosure. • Auto start Deep Sea Electronics (DSE) digital control panel including temperature gauges, engine protections, controls and alarms, with remote communication if required.  Including 63A Automatic transfer switch. • Integral fuel tank with a minimum of 8 hours operation at full load.  **Unit: pcs**  **Quantity: 1**  **Delivery: CUAMM Shire field office**  Special condition: *the price should include Transportation and a labour cost for commissioning and a warranty for at least a year.*  *The bidder should provide the unit price for the Fuel filter, oil filter and air cleaner of the generator* | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |
| **2** | | **Generator 2**  Specifications:  13 kVA water cooled generator with a prime power output of 13 kVA, 10kW and a standby output of 14kVA, 11kW at 0.8 power factor, 3 phase, 4 wire, 415/240 / 400/230 / 380/220 Volts, 50 Hz at 1500 RPM.  The complete generating set is mounted in a heavy gauge steel, weatherproof and acoustic enclosure. • Auto start Deep Sea Electronics (DSE) digital control panel including temperature gauges, engine protections, controls and alarms, with remote communication if required.  Including 63A Automatic transfer switch.  • Integral fuel tank with a minimum of 8 hours operation at full load.  **Unit: pcs**  **Quantity: 1**  **Delivery: CUAMM Shire field office**  Special condition:  *the price should include Transportation and a labour cost for commissioning and a warranty for at least a year.*  *The bidder should provide the unit price for the Fuel filter, oil filter and air cleaner of the generator* | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |

**Lot 2 Supply of Generator service spare parts**

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| **1.**  **Item number** | **2.**  **Specifications required** | | **3.**  **Specifications offered**  **TO BE FILLED BY THE SUPPLIER** | **4.**  **Notes, remarks, ref. to documentation** | **5.**  **Evaluation committee’s notes** |
| **1** | | **Generator service spare parts**  Specifications:  FUEL FILTER, Part number - 504107584 (IVECO)  **Unit: pcs**  **Quantity: 1**  **Delivery: CUAMM Shire field office** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |
| **2** | | **Generator service spare parts**  **Specifications:**  OIL FILTER, Part number -CS1636(IVECO)  **Unit: pcs**  **Quantity: 1**  **Delivery: CUAMM Shire field office** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |
| **3** | | **Generator service spare parts**  **Specifications:**  AIR CLEANER, Part number - 8041322 (IVECO)  **Unit: pcs**  **Quantity: 1**  **Delivery: CUAMM Shire field office** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |
| **4** | | **Generator service spare parts**  **Specifications:**  OIL PRESSURE SENSOR for STAR POWER  ENGINE – IVECO, ENGINE NUMBER – F4GE0655B\* , \*B600 – 0407435\*  **Unit: pcs**  **Quantity: 1**  **Delivery: CUAMM Shire field office** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |
| **5** | | **Generator service spare parts**  **Specifications:**  THERMOSTAT for STAR POWER  ENGINE – IVECO, ENGINE NUMBER – F4GE0655B\* , \*B600 – 0407435\*  **Unit: pcs**  **Quantity: 1**  **Delivery: CUAMM Shire field office** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |
| **6** | | **Generator service spare parts**  **Specifications:**  ENGINE OIL, Total, 15W40  **Unit: Liter**  **Quantity: 1**  **Delivery: CUAMM Shire field office** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |
| **7** | | **Generator service spare parts**  **Specifications:**  FUEL FILTER, Part number - 4461492 (PERKINS) for PERKINS GENERATOR MODEL : FD 60 P-ST  ENGINE – PERKINS, ENGINE TYPE – 1103A-33TG2  **Unit: Pcs**  **Quantity: 1**  **Delivery: CUAMM Shire field office** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |
| **8** | | **Generator service spare parts**  **Specifications:**  OIL FILTER, Part number - 2654403 (PERKINS) for PERKINS GENERATOR MODEL : FD 60 P-ST  ENGINE – PERKINS, ENGINE TYPE – 1103A-33TG2  **Unit: Pcs**  **Quantity: 1**  **Delivery: CUAMM Shire field office** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |
| **9** | | **Generator service spare parts**  **Specifications:**  AIR CLEANER, , Part number - 26510337 (PERKINS) for PERKINS GENERATOR MODEL : FD 60 P-ST  ENGINE – PERKINS, ENGINE TYPE – 1103A-33TG2  **Unit: Pcs**  **Quantity: 1**  **Delivery: CUAMM Shire field office** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |
| **10** | | **Generator service spare parts**  **Specifications:**  PRIMARY FUEL FILTER, , Part number - 320/A7088(JCB) for ENGINE – JCB, ENGINE TYPE: JCB444TG, MODEL- G90QS, ENGINE NUMBER – H00252966  **Unit: Pcs**  **Quantity: 1**  **Delivery: CUAMM Shire field office** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |
| **11** | | **Generator service spare parts**  **Specifications:**  MAIN FUEL FILTER, Part number - 320/A7170 (JCB) for ENGINE – JCB, ENGINE TYPE: JCB444TG, MODEL- G90QS, ENGINE NUMBER – H00252966  **Unit: Pcs**  **Quantity: 1**  **Delivery: CUAMM Shire field office** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |
| **12** | | **Generator service spare parts**  **Specifications:**  OIL FILTER, , Part number - 320/04133 (JCB) for ENGINE – JCB, ENGINE TYPE: JCB444TG, MODEL- G90QS, ENGINE NUMBER – H00252966  **Unit: Pcs**  **Quantity: 1**  **Delivery: CUAMM Shire field office** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |
| **13** | | **Generator service spare parts**  **Specifications:**  AIR CLEANER, , Part number -32/915802 (JCB) for ENGINE – JCB, ENGINE TYPE: JCB444TG, MODEL- G90QS, ENGINE NUMBER – H00252966  **Unit: Pcs**  **Quantity: 1**  **Delivery: CUAMM Shire field office** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |
| **14** | | **Generator service spare parts**  **Specifications:**  BATTERY CHARGING ALTERNATOR for KAMA, MODEL- KDE 7000, Pout – 5KW, Pmax – 5.5KW, PHASE – SINGLE PHASE  **Unit: Pcs**  **Quantity: 1**  **Delivery: CUAMM Shire field office** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |
| **15** | | **Generator service spare parts**  **Specifications:**  AVR, AUTOMATIC VOLTAGE REGULATOR for YAMNAR, GENERATOR, Pout – 5 - 7KW  **Unit: Pcs**  **Quantity: 1**  **Delivery: CUAMM Shire field office** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |
| **16** | | **Generator service spare parts**  **Specifications:**  CARBON BRUSH for YAMNAR, GENERATOR, Pout – 5 - 7KW  **Unit: Pcs**  **Quantity: 1**  **Delivery: CUAMM Shire field office** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |
| **17** | | **Generator service spare parts**  **Specifications:**  **FUEL FILTER** , for BLACK SMITH, MODEL : BS15S3  SN: 1810110-48  KVA –15KVA/12KW, 400V  FREEQUENCY – 50 HZ, RPM – 1500,  *Supplier should refer the generator data sheet from the manufacturer website to get the part number of the requested part.*  **Unit: Pcs**  **Quantity: 1**  **Delivery: CUAMM Shire field office** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |
| **18** | | **Generator service spare parts**  **Specifications:**  **OIL FILTER**, for BLACK SMITH, MODEL : BS15S3  SN: 1810110-48  KVA –15KVA/12KW, 400V  FREEQUENCY – 50 HZ, RPM – 1500,  *Supplier should refer the generator data sheet from the manufacturer website to get the part number of the requested part.*  **Unit: Pcs**  **Quantity: 1**  **Delivery: CUAMM Shire field office** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |
| **19** | | **Generator service spare parts**  **Specifications:**  AIR CLEANER for BLACK SMITH, MODEL : BS15S3  SN: 1810110-48  KVA –15KVA/12KW, 400V  FREEQUENCY – 50 HZ, RPM – 1500, Part number -K11900cdNL21-18k1 NLk06  **Unit: Pcs**  **Quantity: 1**  **Delivery: CUAMM Shire field office** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |
| **20** | | **Generator service spare parts**  **Specifications:**  BATTERY, BOLIDEN 150AH    **Unit: Pcs**  **Quantity: 1**  **Delivery: CUAMM Shire field office** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |
| **21** | | **Generator service spare parts**  **Specifications:**  BOLIDEN BATTERY- 12V,100AH  **Unit: Pcs**  **Quantity: 1**  **Delivery: CUAMM Shire field office** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |
| **22** | | **Generator service spare parts**  **Specifications:**  BOLIDEN BATTERY 12V, 45AH  **Unit: Pcs**  **Quantity: 1**  **Delivery: CUAMM Shire field office** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |
| **23** | | **Generator service spare parts**  **Specifications:**  AUTOMATIC TRANSFER SWITCH(ATS) FOR 125KVA GENERATOR, 300A  **Unit: Pcs**  **Quantity: 1**  **Delivery: CUAMM Shire field office** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |
| **24** | | **Generator service spare parts**  **Specifications:**  AUTOMATIC TRANSFER SWITCH(ATS) FOR 60KVA GENERATOR, 100A  **Unit: Pcs**  **Quantity: 1**  **Delivery: CUAMM Shire field office** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |
| **25** | | **Generator service spare parts**  **Specifications:**  AUTOMATIC TRANSFER SWITCH(ATS) FOR 60KVA/66KVA GENERATOR, 150A  **Unit: Pcs**  **Quantity: 1**  **Delivery: CUAMM Shire field office** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |
| **26** | | **Generator service spare parts**  **Specifications:**  Surface mounted Distribution Board of metal enclosure MDB-UPS with lockable door, complete with bus terminals 80A/3ph, neutral and earth bars consisting of:  1pc main MCB of 80A/3ph  1pc RCD of 30mA/4 pole  6 pcs MCB of 16A/1ph  6 pcs MCB of 32A/1ph  6 pcs MCB of 20A/1ph  6 pcs MCB of 25A/3ph  **Unit: Set**  **Quantity: 1**  **Delivery: CUAMM Shire field office** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |

**Lot 3 Supply of UPS**

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| **1.**  **Item number** | **2.**  **Specifications required** | | **3.**  **Specifications offered**  **TO BE FILLED BY THE SUPPLIER** | **4.**  **Notes, remarks, ref. to documentation** | **5.**  **Evaluation committee’s notes** |
| **1** | | **UPS**  Specifications:  UPS  Model : GXT5-10KIRT5UXLE  RATING: 10000VA/10000W (10KVA/10KW), Unity PF, 50HZ, 230VAC, Minimum backup time with 50% of total loads – 19 minutes, with external battery including caninets.  Safety Standard - IEC62040  Waranty : 2 yrs  Battery: VRLA, non – spillable.  Audiable noise : 50 to 55dBA from all directions.  **Unit: pcs**  **Quantity: 1**  **Delivery: CUAMM Shire field office**  **Special condition**, ***the price should include Transportation, a labour cost and a warranty for atleast a year.*** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  |  |

**Lot 4 Supply of Generator Alternator**

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| **1.**  **Item number** | **2.**  **Specifications required** | **3.**  **Specifications offered**  **TO BE FILLED BY THE SUPPLIER** | | **4.**  **Notes, remarks, ref. to documentation** | | **5.**  **Evaluation committee’s notes** | |
| **1** | **ALTERNATOR**  Specifications:  GENERATOR (FULL SET WINDING PART(ALTERNATOR) WITHOUT THE ENGINE PART)  BRAND: **Leroy Somer**  POWER RATING: 60KVA, 48KW  CURRENT : 87A  MODEL : TAL042H M 6S/4, IP23, P1  1500RPM, 50HZ with an exciation at a full load 21.20V/2.89A (@ no load 0.74A)  AVR: B350, Exc AREP +  NDE Bearing: RLT030ET030  **Unit: PCS**  **Quantity: 1**  **Delivery: CUAMM Shire field office**  Special condition, ***the price should include a labour cost and a warranty for atleast a year.*** | Specification offered:  Unit:  Delivery time: (TO BE FILLED) |  | |  | |