بسم الله الرحمن الرحيم



### القيادة العامة للقوات المسلحة الأردنية

### مديرية المشتريات الدفاعية

**هاتف:5000140**

**فاكس:5001166**

**ص0ب:926680**

1. تعلن القيادة العامة للقوات المسلحة الاردنية – الجيش العربي /مديرية المشتريات الدفاعية عن تمديد طرح العطاء رقم م ش5/50/2023 الخاص بشراء مواد بطاريات فعلى المتعهدين الراغبين بالاشتراك في هذا العطاء مراجعة مديرية المشتريات الدفاعية/ شعبة الاتصالات والأنظمة الإلكترونية لشراء نسخة العطاء مقابل دفع مبلغ (200) مئتان دينار أردني غير مستردة مصطحبين معهم سجل تجاري ورخص المهن سارية المفعول أو صور عنها.
2. يتم بيع دعوة العطاء يومياً ولغاية الساعه (1300) بعد الظهر من كل يوم ما عدا يوم الخميس والعطل الرسمية ويكون يوم الثلاثاء الموافق 17/10/2023 الساعه (1300) أخر موعد لبيع المناقصات.
3. تعاد المناقصات بواسطة الظرف المختوم الى مديرية المشتريات الدفاعية / سكرتير اللجان قبل الساعه (1300) يوم الاربعاء الموافق 18/10/2023 معززة بتأمين مالي مصدق بقيمة (3%) ثلاث بالمئة من قيمة المناقصة وكل مناقصة ترد بعد هذا التاريخ أو غير مرفق بها تأمين مالي تهمل ولا ينظر بها .
4. علمًا بان موقعنا على الانترنت هو [www.jafdop.mil.jo](http://www.jafdop.mil.jo) (للاطلاع على المواصفات الفنية (



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| **Power System Project**  **(Renewable & Stand-by battery banks)**  **2023** |

1. **General:**
   1. The following document describes the process for a request for proposal (RFP) of the Jordan Armed Forces/Special communications Commission; Potential vendors are invited to submit their proposals as a reply to the RFP.
   2. Special Communications Commission **(SCC)** is considering purchasing deep cycle batteries for renewable energy use and stand-by batteries for telecommunication towers sites, which shall include the supply of all needed components.
2. **Documentation:**
   1. All the requested documents, manuals and catalogues shall be in English language.
   2. Maintenance manuals which shall include the maintenance procedures, precautions, routine maintenance procedures, possible breakdowns and repairs.
   3. Manufacturing requirements and recommendations which shall include: installation guide, safe operating, storage, charging & discharging processes, and any other technical requirements must be considered to get optimum performance.
   4. The provided manuals shall include the manufactures name, module number, parts list, and brief descriptions of all equipment and their basic operation features.
   5. Troubleshooting guides have to be included.
   6. Elaborated catalogues describing all the technical details of the offered equipment, general catalogues will not be accepted.
3. **Shipment and delivery:**
   1. Delivery of equipment shall be based on CPT QAIA/Jordan or CIF/AQABA seaport.
   2. The equipment mentioned in the Annexes (1+2) should be delivered within maximum period of (24) weeks from the date of the tender award.
   3. The Bidder shall pay all fees of goods and documentation imposed by the country of origin.
4. **Warranty:**
   1. Warranty period is (36) months as a local agent warranty for all items in the BOM from the date of receiving certificate issued from SCC workshop.
   2. Manufacturing warranty for all proposed items shall be clearly shown in the technical and financial proposals.
   3. During warranty period, defective or malfunctioned blocks shall be replaced free of charge within (30) days from notification by SCC.
   4. Replaced and/or Repaired battery shall be returned to SCC within (30) days.
   5. The manufacturer is required to provide the Repair and Return (R&R) policy after Warranty period.
5. **Terms and conditions**
   1. The proposed equipment (batteries) must be 100% brand new and manufactured not before year (2023).
   2. Original equipment manufacturer (OEM) certificate shall be submitted for all items.
   3. Offered prices shall be exempt from all governmental taxes and/or duties and include packing costs, shipping, and any other costs.
   4. All items quoted shall be genuinely brand-new and in accordance with the original manufacturer specification.
   5. Bidder has to supply proposed equipment with the same prices as bid prices or lower during warranty period.
   6. All proposals shall include the following:
      1. Itemized price list for each type of proposed equipment.
      2. Two Bills of Material (BOM) shall be submitted: first one in the technical offer & second priced one in the financial offer.
      3. The Technical offer and the financial shall be submitted separately.
   7. SCC reserves the right not to award the contract to the bidder of the lowest price, nor to purchase the whole BOM.
   8. Bidder shall guarantee the supply of any proposed item whenever required of the offered equipment for a period of 10 years after the warranty period with bid prices modified by an escalation formula agreed on by SCC &bidder.
   9. The awarded bidder shall in all respects bear the consequences of any technical problem arising during warranty.
   10. Bidder shall enclose (one hard and one soft) copies of his proposal including technical data sheets for each proposed item.
   11. Any proposal that does not include technical specifications for the proposed items shall be disqualified.
   12. SCC reserves the right to include/reject any specific optional items or requirements to fit its needs; therefore, the bidder is obliged to quote for all optional items separately in his financial offer.
   13. SCC reserve the right to increase and/or decrease quantities of (BATTERIES) with the same prices according to any updates might require any modification.
   14. SCC reserves the right to contact the mother company to acquire information related to the offered items.
   15. SCC Shall not be responsible for any expenses or losses Incurred by the bidder in the preparation of his offer.
   16. Bidder shall provide all installation accessories, cables …etc. and any related materials needed.
   17. The bidder must make point- by- point compliance statement to all items of the present specification according to provided compliance list and it is considered a vital part of bid documents.
   18. In case where the bidder is not fully compliant with the specifications, bidder shall state the reason and/or why should SCC reconsider his position.
   19. SCC has the right to cancel any part or the whole tender and also has the right to increase or decrease any other required conditions depending on SCC requirements.
   20. The Bidder is allowed to propose just one technical proposal only.
   21. All technical requirements in ANNEX (1+2) shall be considered as minimum required requirement.
   22. Bidder shall include his company profile in the technical proposal and must show clearly any experience with similar projects (supply and/or installing high-capacity battery banks) and mention one or more customers as references.
   23. All proposed items must meet international codes and standards related to lead acid valve regulated batteries for renewable energy use and standby use such as: IEC 60896-21, IEC 60896-22, and IEC 62485-2, OR equivalent standards from IEEE/EN.
   24. Bidder shall provide all needed certificates that clearly show it’s compliant with the international codes and standards mentioned in (5.23).
   25. All proposed items shall meet Jordanian codes and standards issued by Jordan standards and metrology organization and royal scientific society.
   26. Each battery must have an official manufacturer plate with this information:
       1. Tag number.
       2. Year of manufacturing.
       3. Name of manufacturer.
       4. Type of battery.
       5. Battery voltage.
       6. Number of cells.
       7. Nominal capacity.
6. **Training course:**
   1. System training course:**(for 6 Engineers for 5 working days)**
      1. The training to consider the following targets: energy storage system for OFF-Grid solar energy applications which includes :
7. Energy conversion (chemical energy & electrical energy).
8. Recommended procedures for charging and discharging processes, and equalization.
9. Safe use.
10. Battery sizing.
    * 1. Eligible bidders are requested to respond to the training requirement and provide a suggested training schedule showing the timetable for each day of the course and requested pre-requisites.
      2. Training shall be at the manufacturer training center.
      3. Training cost shall cover:

a. Training fees

b. Training subsistence (Air tickets, respectable accommodation, meals and local transportation).

6.1.5 Training package price shall be clearly shown in bidder’s financial offer.

**Annex 1**

**Technical Specifications and Requirements**

**For RENEWABLE ENERGY BATTERIES**

1. **2V 2000Ah (QTY = 240).**
2. **2V 3500Ah (QTY = 120).**

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| **#** | **Characteristics** | **Description** |
| **1** | **Nominal Cell voltage** | **2V** |
| **2** | **Nominal Cell Capacity** | **A. 2000Ah**  **B. 3500Ah** |
| **3** | **Shelf life time**  **At 20°C** | **12 months** |
| **4** | **Designed life**  **At 20°C** | **15 YEARS at least** |
| **5** | **Technical Features** | **5.1 Valve regulated lead acid.**  **5.2 Deep cycle.**  **5.3 OPZV tubular plate Gel type.**  **5.4 Rack mounting (local supply).**  **5.5 Top Terminal design.**  **5.6Operating life cycle 2500 cycle at 50%DOD.**  **5.7 Operating Temp. Range -10°C to 40°C** |

**Annex 2**

**Technical Specifications and Requirements**

**For stand-by batteries**

1. **12V 170-190 Ah. ( QTY = 400 battery).**

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| **#** | **Characteristics** | **Description** |
| **1** | **Nominal Cell voltage** | **12 V** |
| **2** | **Nominal Cell Capacity** | **170>>190 Ah.** |
| **3** | **Shelf life time**  **At 20°C** | **12 months** |
| **4** | **Designed life**  **At 20°C** | **12 years at least** |
| **5** | **Technical Features** | **5.1 Valve regulated lead acid.**  **5.2 absorbed glass matt (AGM) OR OPZV.**  **5.3 Rack mounting (local supply).**  **5.4 Front terminal design.**  **5.6 Operating Temp. Range -10°C to 40°C.** |