



بسم الله الرحمن الرحيم

هيئة الاتصالات الخاصة

إعلان طرح عطاء



شراء مشروع طاقة شمسية لمواقع هيئة الاتصالات الخاصة وعددها (٤) مواقع .

تعلن هيئة الاتصالات الخاصة في القيادة العامة للقوات المسلحة الاردنية - الجيش العربي/شعبة التزويد عن طرح عطاء رقم \_\_\_\_\_ هـ أ خ/ت/٣٦/٢٣ ٢٠ شراء مشروع طاقة شمسية لمواقع هيئة الاتصالات الخاصة على المتعهدين الراغبين بالاشتراك بهذا العطاء مراجعة هيئة الاتصالات الخاصة/ شعبة التزويد لشراء نسخة من دعوة العطاء مقابل دفع مبلغ (٥٠) دينار غير مستردة مصطحبين معهم رخصة المهن والسجل التجاري ساريتي المفعول وصورة عنهما وكتاب تفويض من الشركة لمندوبها.

١. يتم بيع نسخة دعوة العطاء يومياً من الساعة (٠٩٠٠) التاسعة صباحاً يوم الثلاثاء الموافق ٢٠٢٣/١١/٢٨ ويستمر بيع دعوة العطاء لغاية الساعة (١٤٠٠) الثانية ظهراً من يوم الاثنين الموافق ٢٠٢٣/١٢/١٨ (باستثناء أيام العطل الرسمية).

٢. تعاد المناقصات بواسطة الطرف المختوم (عرض فني ومالي منفصلين) قبل الساعة (١٤٠٠) الثانية ظهراً من يوم الثلاثاء الموافق (٢٠٢٣/١٢/١٩) ومرفق بها تأمين مالي مصدق بقيمة (٣%) من القيمة الاجمالية المعروضة (حسب أعلى سعر معروض) وكل مناقصة غير مرفق بها التأمين المالي او قيمة التأمين المالي أقل من المطلوب تهمل ولا ينظر بها وكل مناقصة ترد متأخرة عن موعد الاغلاق أعلاه ترفض ولن يتم استلامها.

٣. عنوان هيئة الاتصالات الخاصة:

تلفون: (٥٠٥٩١١٥)

فاكس: (٥٠٥٠١٠٤)

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# Power System Project

(ON-Grid solar energy system)

2023

## **1. General:**

- 1.1 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.
- 1.2 Special Communications Commission (SCC) is considering purchasing a solar energy system for its sites mentioned in ANNEX-1- connected to commercial electricity company (ON-Grid), which shall include the supply of all needed components.

## **2. Documentation:**

- 2.1. All the requested documents, manuals and catalogues shall be in English language.
- 2.2. Maintenance manuals which shall include the maintenance procedures, precautions, routine maintenance procedures, possible breakdowns and repairs.
- 2.3. 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.
- 2.4. The provided manuals shall include the manufactures name, module number, parts list, and brief descriptions of all equipment and their basic operation features.
- 2.5. Troubleshooting guides have to be included.
- 2.6. Elaborated catalogues describing all the technical details of the offered equipment, general catalogues will not be accepted.

## **3. Shipment and delivery:**

- 3.1. Delivery of equipment shall be based on CPT QAIA/Jordan or CIF/AQABA seaport.
- 3.2. The equipment mentioned in the Annexes (1,2) shall be delivered within maximum period of (16) weeks from the date of the tender award.
- 3.3. The Bidder shall pay all fees of goods and documentation imposed by the country of origin.
- 3.4. The company is committed to supplying materials to the sites after coordination with the SCC.

#### 4. Warranty:

- 4.1. Warranty period is (36) months a local agent warranty for all items in the BOM from the date of receiving certificate issued from SCC workshop.
- 4.2. Manufacturing warranty for all proposed items shall be clearly shown in the technical and financial proposals.
- 4.3. During warranty period, defective or malfunctioned blocks shall be replaced free of charge within (30) days from notification by SCC.
- 4.4. The manufacturer is required to provide the Repair and Return (R&R) policy after Warranty period.

#### 5. Terms and conditions

- 5.1. The proposed equipment (PVs, inverters, mounting structures, monitoring system) must be 100% brand new and manufactured not before year (2023).
- 5.2. Original equipment manufacturer (OEM) certificate shall be submitted for all items.
- 5.3. Offered prices shall be exempt from all governmental taxes and/or duties and include packing costs, shipping, and any other costs.
- 5.4. All items quoted shall be genuinely brand-new and in accordance with the original manufacturer specification.
- 5.5. During warranty period bidder has to supply proposed equipment with the same prices as bid prices or lower.
- 5.6. All proposals shall include the following:
  - 5.6.1. Itemized price list for each type of proposed equipment.
  - 5.6.2. Two Bills of Material (BOM) shall be submitted: first one in the technical offer & second priced one in the financial offer.
  - 5.6.3. The Technical offer and the financial shall be submitted separately.
- 5.7. 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.
- 5.8. The awarded bidder shall bear the consequences of any technical problem arising during warranty.
- 5.9. Bidder shall enclose (one hard and one soft) copies of his proposal including technical data sheets for each proposed item.



- 5.10. 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.
- 5.11. SCC reserve the right to increase and/or decrease quantities of materials in ANNEX-2 with the same prices according to any updates might require any modification.
- 5.12. SCC reserves the right to contact the mother company to acquire information related to the offered items.
- 5.13. SCC Shall not be responsible for any expenses or losses Incurred by the bidder in the preparation of his offer.
- 5.14. Bidder shall provide all installation accessories, cables ...etc. and any related materials needed.
- 5.15. The bidder shall 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.
- 5.16. 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.
- 5.17. All technical requirements in ANNEX-2 shall be considered as minimum required requirement.
- 5.18. Bidder must include his company profile in the technical proposal and must show clearly any experience with similar projects (supply and/or install) and mention one or more customers as references.
- 5.19. Bidder has to provide all needed certificates that clearly show it's compliant with the international codes and standards mentioned in ANNEX-2.
- 5.20. All proposed items must meet Jordanian codes and standards issued by Jordan standards and metrology organization and commercial electricity companies.
- 5.21. All needed diagrams (SLD) and approvals from EDCO for installation, commissioning, and interconnection with commercial grid, are bidder responsibility.

## ANNEX-1

### SITES INFORMATION WITH NEEDED SYSTEM SIZE

#	Site name	Electricity subscription number	Electricity company	coordination	PV system size KWP
1	Traibeel	2000268339	Electricity distribution company (EDCO)	32 42 25.41-38 54 10.00	30
2	Eastern SCC	2000265129		32 30 24.83-38 11 34.35	34
3	Petra	2000091298		30 20 10.69-35 30 57.31	11
4	Derah	2000059248		29 21 26.54-34 57 46.86	18

## ANNEX-2

### TECHNICAL SPECIFICATIONS AND REQUIREMENTS

#	Component	specification
1	Pv modules	<ol style="list-style-type: none"><li>1. Grade A.</li><li>2. Type: mono crystalline, half cut cell.</li><li>3. Power: <math>\geq 500</math>wp.</li><li>4. Standards : IEC 61215 , IEC 61730 , IEC 61701 , ISO 9001 , ISO 14001 , ISO 45001</li></ol>
2	Mounting structure	<ol style="list-style-type: none"><li>1. Type: Ballasted mounting structure.</li><li>2. Materials: Hot Deep galvanized steel based on ASTM A123 OR ISO 1461.</li><li>3. Tilt angle = 30.</li></ol>
3	Inverter	<ol style="list-style-type: none"><li>1. Compliant with Jordanian standards and codes.</li><li>2. Accepted by EDCO.</li><li>3. Wall mounted / Outdoor.</li></ol>
4	Monitoring system	<ol style="list-style-type: none"><li>1. Stand alone monitor system ( not connected to internet</li><li>2. Data logger.</li><li>3. License free.</li><li>4. RJ45 interface.</li><li>5. Compliant with SCC microwave network to transmit data (E1 base).</li></ol>
5	Balance of system (BOS)	Cables (AC & DC) , pipes , trunks , circuit breakers ( RCCB , MCCB & MCB ) , enclosures , earth system components (AC&DC) , MC4 connectors (male & female)...etc.