



## إعلان طلبات تقديم إبداء الإهتمام

### Request for Expression of Interest (REOI)

خدمات الإشراف على أعمال التصميم والبناء لمشروع " تطوير موقع مكب نفايات الأكيدر

" التصميم والبناء والدعم الفني DB+TA "

والممول من الإتحاد الأوروبي وتحت إشراف الوكالة الفرنسية للتنمية

عطاء رقم ( CJO 1062-T31/3-01/SER/2022 ) للمرة الثانية

تدعو وزارة الإدارة المحلية الشركات الاستشارية المحلية و الاجنبية المهتمة بالمشاركة في الدعوة أعلاه لتقديم طلبات إهتمامها وفقاً للشروط التالية :

- تقديم شهادة تصنيف سارية المفعول ، على النحو التالي: (إذا كان المتقدم ائتلافاً ، يتم اعتبار المتطلبات المحددة أدناه من قبل أعضاء الائتلاف مجتمعين):

أ- الشركات الاستشارية المحلية :

1- تقديم شهادة تصنيف سارية المفعول صادرة من دائرة العطاءات الحكومية الأردنية للتخصصات التالية مجتمعة: على الأقل بالفئة الأولى ( أ ) أو (ب) في مجال الأبنية ومجال فحص المواد، والفئة الأولى في مجال البيئة.

2- تقديم شهادة تصنيف سارية المفعول من نقابة المهندسين الأردنيين للشركات الاستشارية الأردنية.

3- تقديم رخصة مهن سارية المفعول.

ب- الشركات الاستشارية الأجنبية ( غير الأردنية ) :

تقديم شهادات تصنيف سارية المفعول بالحد الأدنى من الفئات والتخصصات المحددة للاستشاريين المحليين أعلاه أو ما يعادلها حسب المعمول به في البلد التي تم تأسيس الشركة فيها بشكل قانوني ، صادرة عن الهيئات الحكومية المختصة. يتم تشجيع الشركات الاجنبية على التعاقد مع شركات محلية مرخصه .

مع ملاحظة ما يلي :

- 1- وصف المشروع : القيام بأعمال الإشراف الهندسي على أعمال التصميم والبناء لمشروع " تطوير موقع مكب نفايات الأكيدر " التصميم والبناء والدعم الفني DB+TA " و الممول من الإتحاد الأوروبي وتحت إشراف الوكالة الفرنسية للتنمية .
- 2- طلبات الإهتمام مفتوحة للمتقدمين الدوليين والأردنيين المحليين المؤهلين وفقاً للإرشادات الواردة في وثيقة طلب إبداء الإهتمام، و وفقاً لنظام المشتريات الحكومية الأردني رقم 8 لسنة 2022 و بند (1.3) من تعليمات الشراء الخاصه بالوكالة الفرنسية للتنمية (AFD) (<http://www.afd.fr>)

- 3- يمكن للشركات الاستشارية المشاركة في هذا العرض إما بشكل فردي أو من خلال ائتلاف وفي حال الائتلاف يتم إرفاق اتفاقية الائتلاف أو كتاب نوايا (Letter of Intent) موقع من جميع الاطراف يقدم مع طلب ابداء الاهتمام حسب الأصول مع بيان قائد الائتلاف، و الحصص، والأدوار، ومسؤوليات كل طرف في الائتلاف.
- 4- وثائق طلبات تقديم الاهتمام متاحة باللغة الانجليزية للتحميل المجاني من الموقع الإلكتروني لوزارة الإدارة المحلية [www.mola.gov.jo](http://afd.dgmarket.com) ( وموقع الوكالة الفرنسية للتنمية <http://afd.dgmarket.com> .
- 5- يتم ارسال طلبات الايضاح الى البريد الإلكتروني [hussain\\_mhaidat@yahoo.com](mailto:hussain_mhaidat@yahoo.com) , في موعد لا يتجاوز الساعة 3:30 (حسب التوقيت المحلي الأردني ) من مساء يوم الثلاثاء الموافق 2023/6/27
- 6- تقدم الشركات ابداء الاهتمام EOI الى العنوان التالي : وزارة الإدارة المحلية / وحدة تنفيذ المشروع - مشروع النفايات الصلبة، مكتب رقم 613 الطابق الرابع، شارع زهران- جبل عمان الدوار الثالث عمان، الأردن في موعد أقصاه الساعة 1:00 من مساء يوم الأربعاء الموافق 2023/7/12 , وسيتم رفض استلام اي عروض متأخرة عن الموعد أعلاه .
- 7- سيتم فتح الطلبات المقدمة في تمام الساعة 1:30 (حسب التوقيت المحلي الأردني) من مساء يوم الأربعاء الموافق 2023/7/12 في مبنى وزارة الإدارة المحلية – الطابق الثالث / شارع زهران – جبل عمان الدوار الثالث – عمان , الأردن .
- 8- يحق لصاحب العمل و/أو للجنة الشراء الخاصة بإلغاء طلب ابداء الاهتمام دون ابداء الأسباب ودون ان يترتب على هذا الإلغاء أي التزامات مالية أو قانونية.
- 9- على الشركات المهمة متابعة الموقع الإلكتروني لوزارة الإدارة المحلية [www.mola.gov.jo](http://afd.dgmarket.com) , وموقع الوكالة الفرنسية للتنمية <http://afd.dgmarket.com> للحصول على اي ملاحق و/أو إعلانات قد تصدر على طلب ابداء الاهتمام.
- 10- أجور الاعلان في الصحف المحلية (مهما تكرر ذلك) ستتحملها الشركة التي سيحال عليها العقد.

المهندس حسين مهيدات  
أمين عام وزارة الإدارة المحلية للشؤون الفنية  
رئيس لجنة الشراء الخاصة



## Announcement for Request for Expression of Interest (REOI)

### Supervision of the design and construction works of the project “Upgrading of Al Ekaider Waste Disposal Site – DB+TA”

Funded by the European Union (EU) Under Supervision of French Development Agency (AFD)

Tender No. (CJO 1062-T31/3-01/SER/2022)

for the Second Time

The Ministry of Local Administration invites international and local Jordanian Consultants interested to participate in the above invitation to submit their applications according to the following conditions:

- Submit valid professional registration certificates, as following: (If the Applicant is a consortium, the requirements specified below may be met by all members of the consortium in combination:

A) Local Consultants must submit:

- 1) Valid classification certificates issued by the Jordanian Government Tenders Department for minimum Grade (1) class (A or B) in Building and Material examination, and Grade (1) in Environment.
- 2) Valid classification certificate from Jordanian Engineers Association for Jordanian consultancy companies.
- 3) Valid careers license.

B) International (non-Jordanian) Consultants must submit valid classification certificates of minimum classes and specialties specified for Local Consultants above or equivalent as applicable in the country in which they have been legally established, issued by the competent governmental authorities of the country in which they have been legally established. *International Consultants are encouraged to contract with a licensed local engineering entities.*

**Please consider the following:**

1. **Project Description:** achieving engineering supervision for the design and construction work for the project “Upgrading of Al Ekaider Waste Disposal Site "Design, Build and Operate DBO" funded by the European Union under the supervision of the French Development Agency (AFD).
2. Applications are open to eligible local Jordanian and international applicants according to the guidelines mentioned in the documents of Request for Expression of Interest, and according to the Jordanian government procurement by-law No. 8 of 2022 issued by the Jordan Government, and in sub-clause 1.3 of the "Procurement Guidelines for AFD-Financed Contracts in Foreign Countries" available online on AFD's website: <http://www.afd.fr>
3. Companies can participate in this tender either individually or through a joint venture. In the event of a joint venture, the joint venture agreement or letter of intent must be submitted with the application duly with

presenting with the leader of the joint venture, the shares, roles, and responsibilities of each party in the joint venture.

4. The documents for submitting applications are available in English for free download from the website of the Ministry of Local Administration ([www.mola.gov.jo](http://www.mola.gov.jo)) and the French Development Agency website <http://afd.dgmarket.com>.
5. Inquiries to be sent to the email [hussain\\_mhaidat@yahoo.com](mailto:hussain_mhaidat@yahoo.com) / [solid.waste@moma.gov.jo](mailto:solid.waste@moma.gov.jo), no later than 3:30 pm (Jordanian local time) from Tuesday afternoon dated on 27/06/2023.
6. Companies to submit applications for Request for Expression of Interest REOI to the following address: **Ministry of Local Administration** / Project Implementation Unit - Solid Waste Project, Office No. 613, Fourth Floor, Zahran Street - Jabal Amman, Third Circle Amman, Jordan **no later than 1:00 pm on Wednesday 12/7/2023, any applications that are later than the above date will be refused.**
7. **The submitted applications will be opened** at 1:30 pm (according to Jordanian local time) from **Wednesday, 12/7/2023** at the building of the Ministry of Local Administration - third floor / Zahran Street - Jabal Amman, the third circle - Amman, Jordan.
8. The client and /or SPC has the right to cancel the request for applications without giving reasons and without any financial or legal commitments due to the cancelation.
9. Interested companies should follow the website of the Ministry of Local Administration [www.mola.gov.jo](http://www.mola.gov.jo), and the website of the French Development Agency <http://afd.dgmarket.com> to obtain any amendments (addendums) and/or announcements that may be issued on the request for applications.
10. Advertising fees in local newspapers (**whatever repeated**) will be borne by the consultancy company to which the contract will be awarded.

**Eng. Hussain Mhaidat**

**Secretary-General for Technical Affairs**

**Chairman of the Special Procurement Committee**

**Ministry of Local Administration**

Ministry of Local Administration

PROCUREMENT DOCUMENT

# Selection of Consultants

-

# Request for Expressions of Interest

June 2023



Funded by the European Union  
بتمويل من الاتحاد الأوروبي

## Table of Contents

<b>Request for Expression of Interest</b> .....	3
<b>Appendix to The Request for Expressions of Interest</b> .....	7
<b>ANNEX I. Project Information</b> .....	10
<b>1. The AI Ekaider Waste Disposal Site</b> .....	10
<b>2. The project ‘Upgrading of AI Ekaider Waste Disposal Site – DB+TA’ (the “Project”)</b> .....	16
2.1 Objectives - Scope.....	16
2.2 Roles and responsibilities for the implementation and management of the Project 17	
2.3 Description of the DB elements of the Project.....	17
2.4 Indicative Implementation Schedule of the Project .....	21
<b>ANNEX II. Scope of Supervision Services</b> .....	24
<b>ANNEX III. Instructions for classifying technical service providers of Jordan for the year 2020</b> .....	26

---

**JORDAN**

---

---

**Supervision of the design and construction works of the project “Upgrading of Al Ekaider Waste Disposal Site – DB+TA” Ref.# CJO 1062-T31/3-01/SER/2022 ‘for the Second Time’**

---

## Request for Expression of Interest

### CONSULTING SERVICES

The Ministry of Local Administration of Jordan (the “Employer”) has received a financing from EU through *Agence Française de Développement* (“AFD”), and intends to use part of the funds thereof for payments under the following Services: “**Supervision of the design and construction works of the Project ‘Upgrading of Al Ekaider Waste Disposal Site – DB+TA’**”.

Information about the Project is provided in ANNEX I to this REoI document.

The scope of Supervision Services requested is described in ANNEX II to this REoI document.

The Ministry of Local Administration hereby invites Applicants to show their interest in delivering the Services requested.

This Request for Expressions of Interest (REoI) is open to only (the checked box):

**Consulting firms**

Individual consultants

NGOs

Joint Venture between NGO(s) and consulting firm(s)

An Applicant shall submit only one Application, either in its own name or as a member of a consortium (meaning Joint Venture or intending to establish a Joint Venture). If Applicant is a consortium, the maximum number of members in the consortium shall be three (3). If an Applicant (including any consortium member) submits or participates in more than one Application, those Applications shall be all rejected. However, the same Subconsultant may participate in several Applications.

If the Applicant is a consortium, the EoI Application shall include:

- a copy of the JV Agreement entered into by all members, which shall state - inter alia - the leader party and the shares of each member of the JV.

or

- a Letter of Intent to execute a JV Agreement signed by all members, together with a copy of the Agreement proposal, which shall state - inter alia - the leader party and the shares of each member of the intended JV.

In the absence of this document, the other members will be considered as Subconsultants.

Experiences and qualifications of Subconsultants are not taken into account in the evaluation of the Applications.

This REoI is open to eligible international and local Jordanian Consultants. Eligibility criteria are specified in the Procurement By-Law n°8 for the year 2022 issued by the Jordan Government, and in sub-clause 1.3 of the "Procurement Guidelines for AFD-Financed Contracts in Foreign Countries" available online on AFD's website: <http://www.afd.fr>.

Applicants must submit with the Application the Statement of Integrity, Eligibility and Environmental and Social Responsibility (Appendix to this REoI) signed and unaltered.

Applicants must also submit with the Application information evidencing their eligibility and ability to successfully perform the Services requested, including professional registration, experience and quality certificates as following:

**1. Professional registration certificates** (If the Applicant is a consortium, the requirements specified below may be met by all members of the consortium in combination):

(a) Local Consultants must submit:

- 1) Valid classification certificates issued by the Jordanian Government Tenders Department for minimum Grade (1) class (A or B) in Building and Material examination, and Grade (1) in Environment. Instructions for classifying technical service providers (engineering and consulting office) of Jordan for the year 2020 are attached in ANNEX III to this REOI.
- 2) Valid classification certificate from Jordanian Engineers Association for Jordanian consultancy companies.
- 3) Valid careers license.

(b) International (non-Jordanian) Consultants must submit valid classification certificates of minimum classes and specialties specified for Local Consultants above or equivalent as applicable in the country in which they have been legally established, issued by the competent governmental authorities of the country in which they have been legally established. International Consultants are encouraged to contract with a licensed engineering local entities.

**2. Experience certificates:**

At least two (2) certificates of completion of contracts of similar nature and expertise specified below, each of minimum value EUR 800,000 during the last 10 years; At least one (1) of them must -in addition- be accompanied by a Letter of Recommendation signed by the client including detailed information such as on time hand over, quality of work, quality of cooperation, etc.

The similar nature and expertise is specified as follows:

- Detailed Design/Review, Supervision of construction work

- Project management and Contract management of projects involving Remediation of wastewater ponds, Closure & Rehabilitation of Dumpsites of solid waste and Development of Sanitary Landfills of solid waste.

The location of past projects may be any location worldwide, while the experience in Middle East, Gulf region and North Africa will be considered as strong advantage.

### 3. Valid Quality certificates:

- a. for worksite organization (ISO 9001 or equivalent). Equivalency to be demonstrated by Applicant; and
- b. Occupational health & safety management system certificate ISO 45001 or equivalent (in such case, please specify it).

If the Applicant is a consortium, the experience requirements specified above may be met by all members of the consortium in combination.

Among the submitted applications, the Ministry of Local Administration will shortlist a maximum of six (6) Applicants, to whom the Request for Proposals (RFP) document shall be sent. In case of equal grade between Applicants, and if the above limit of six (6) is exceeded due to that equivalent grade, all Applicants given the equivalent grade will be included in the shortlist. For the application of this provision, the minimum number of certificates of experience required in point 2 above will be given the lowest grade.

Financial requirements that may be requested in the RFP stage may be met by all members of the consortium in combination.

Interested eligible Applicants shall follow up the Ministry's Website ( [www.mola.gov.jo](http://www.mola.gov.jo) ) and AFD's Website ( <http://afd.dgmarket.com> ) for any announcement or addendum or that may be issued on the REOI.

Applications for Expression of Interest must be submitted in three (3) hard copies -one (1) of which shall be the Original- and Electronic Version on USB Keys, at the address below no later than **1:00 p.m. (Jordan Local Time), July 12<sup>th</sup>, 2023.**

#### **Application Submission Address:**

Ministry of Local Administration / Project Implementation Unit (PIU), *Solid Waste Management Directorate*, Office #613, 4<sup>th</sup> Floor, Zahran Str. 3<sup>rd</sup> Circle, Amman, Jordan.

Applications for Expression of Interest should be submitted in clearly Closed marked envelopes. The outer envelope should indicate the reference and the title as below:

- ❖ **Support to the Implementation of the National Solid Waste Management Strategy**
- ❖ **Request for Expression of Interest /Supervision of the design and construction works of the project 'Upgrading of Al Ekaider Waste Disposal Site – DB'TA+**
- ❖ **Ref.# CJO 1062-T31/3-01/SER/2022 'for the Second Time'**

Interested Applicants may obtain further information at the address below during office hours: 8:00 a.m to 3:00 p.m.

Ministry of Local Administration / Project Implementation Unit (PIU), *Solid Waste Management Directorate*, Office #613, 4<sup>th</sup> Floor, Zahran Str. 3<sup>rd</sup> Circle, Amman, Jordan, Telephone: +.962797720835

Requests for clarifications can be sent by email to the following address: [hussain\\_mhaidat@yahoo.com](mailto:hussain_mhaidat@yahoo.com) [solid.waste@moma.gov.jo](mailto:solid.waste@moma.gov.jo), no later than **3:30 p.m. (Jordan Local Time) of June 27<sup>th</sup>, 2023.**

The public opening of Applications submitted by the deadline will be done on **July 12<sup>th</sup>, 2023, 1:30 p.m. (Jordan Local Time)** in the Ministry of Local Administration, 3<sup>rd</sup> Floor, Zahran Str., 3<sup>rd</sup> Circle, Amman, Jordan.

## Appendix to The Request for Expressions of Interest (To be submitted with the application, signed and unaltered)

### Statement of Integrity, Eligibility and Environmental and Social Responsibility

Reference of the proposal “Supervision of the design and construction works of the project ‘*Upgrading of Al Ekaidar Waste Disposal Site – DB+TA*’ “ (the “**Contract**”).

To: the Ministry of Local Administration of Jordan (the “**Contracting Authority**”)

1. We recognise and accept that *Agence Française de Développement* (“**AFD**”) only finances projects of the Contracting Authority subject to its own conditions which are set out in the Financing Agreement which benefits directly or indirectly to the Contracting Authority. As a matter of consequence, no legal relationship exists between AFD and our company, our joint venture or our suppliers, contractors, subcontractors, consultants or subconsultants. The Contracting Authority retains exclusive responsibility for the preparation and implementation of the procurement process and performance of the contract. The Contracting Authority means the Purchaser, the Employer, the Client, as the case may be, for the procurement of goods, works, plants, consulting services or non-consulting services.
2. We hereby certify that neither we nor any other member of our joint venture or any of our suppliers, contractors, subcontractors, consultants or subconsultants are in any of the following situations:
  - 2.1 Being bankrupt, wound up or ceasing our activities, having our activities administered by the courts, having entered into receivership, reorganisation or being in any analogous situation arising from any similar procedure;
  - 2.2 Having been:
    - a) convicted, within the past five years by a court decision, which has the force of *res judicata* in the country where the Contract is implemented, of fraud, corruption or of any other offense committed during a procurement process or performance of a contract (in the event of such conviction, you may attach to this Statement of Integrity supporting information showing that this conviction is not relevant in the context of this Contract);
    - b) subject to an administrative sanction within the past five years by the European Union or by the competent authorities of the country where we are constituted, for fraud, corruption or for any other offense committed during a procurement process or performance of a contract (in the event of such sanction, you may attach to this Statement of Integrity supporting information showing that this sanction is not relevant in the context of this Contract);
    - c) convicted, within the past five years by a court decision, which has the force of *res judicata*, of fraud, corruption or of any other offense committed during the procurement process or performance of an AFD-financed contract;
  - 2.3 Being listed for financial sanctions by the United Nations, the European Union and/or France for the purposes of fight-against-terrorist financing or threat to international peace and security;
  - 2.4 Having been subject within the past five years to a contract termination fully settled against us for significant or persistent failure to comply with our contractual obligations during contract performance, unless this termination was challenged and dispute resolution is still pending or has not confirmed a full settlement against us;
  - 2.5 Not having fulfilled our fiscal obligations regarding payments of taxes in accordance with the legal provisions of either the country where we are constituted or the Contracting Authority's country;
  - 2.6 Being subject to an exclusion decision of the World Bank and being listed on the website <http://www.worldbank.org/debarr> (in the event of such exclusion, you may attach to this Statement of Integrity supporting information showing that this exclusion is not relevant in the context of this Contract);

- 2.7 Having created false documents or committed misrepresentation in documentation requested by the Contracting Authority as part of the procurement process of this Contract.
3. We hereby certify that neither we, nor any of the members of our joint venture or any of our suppliers, contractors, subcontractors, consultants or subconsultants are in any of the following situations of conflict of interest:
- 3.1 Being an affiliate controlled by the Contracting Authority or a shareholder controlling the Contracting Authority, unless the stemming conflict of interest has been brought to the attention of AFD and resolved to its satisfaction;
- 3.2 Having a business or family relationship with a Contracting Authority's staff involved in the procurement process or the supervision of the resulting Contract, unless the stemming conflict of interest has been brought to the attention of AFD and resolved to its satisfaction;
- 3.3 Being controlled by or controlling another bidder or consultant, or being under common control with another bidder or consultant, or receiving from or granting subsidies directly or indirectly to another bidder or consultant, having the same legal representative as another bidder or consultant, maintaining direct or indirect contacts with another bidder or consultant which allows us to have or give access to information contained in the respective applications, bids or proposals, influencing them or influencing decisions of the Contracting Authority;
- 3.4 Being engaged in a consulting services activity, which, by its nature, may be in conflict with the assignments that we would carry out for the Contracting Authority;
- 3.5 In the case of procurement of goods, works or plants:
- a) Having prepared or having been associated with a consultant who prepared specifications, drawings, calculations and other documentation to be used in the procurement process of this Contract;
- b) Having been recruited (or being proposed to be recruited) ourselves or any of our affiliates, to carry out works supervision or inspection for this Contract.
4. If we are a state-owned entity, and to compete in a procurement process, we certify that we have legal and financial autonomy and that we operate under commercial laws and regulations.
5. We undertake to bring to the attention of the Contracting Authority, which will inform AFD, any change in situation with regard to points 2 to 4 here above.
6. In the context of the procurement process and performance of the corresponding contract:
- 6.1 We have not and we will not engage in any dishonest conduct (act or omission) deliberately intended to deceive others, to intentionally conceal items, to violate or vitiate someone's consent, to make them circumvent legal or regulatory requirements and/or to violate their internal rules in order to obtain illegitimate profit;
- 6.2 We have not and we will not engage in any dishonest conduct (act or omission) contrary to our legal or regulatory obligations or our internal rules in order to obtain illegitimate profit;
- 6.3 We have not promised, offered or given and we will not promise, offer or give, directly or indirectly to (i) any Person who holds a legislative, executive, administrative or judicial mandate within the State of the Contracting Authority regardless of whether that Person was nominated or elected, regardless of the permanent or temporary, paid or unpaid nature of the position and regardless of the hierarchical level the Person occupies, (ii) any other Person who performs a public function, including for a State institution or a State-owned company, or who provides a public service, or (iii) any other person defined as a Public Officer by the national laws of the Contracting Authority's country, an undue advantage of any kind, for himself or for another Person or entity, for such Public Officer to act or refrain from acting in his official capacity;

- 6.4 We have not promised, offered or given and we will not promise, offer or give, directly or indirectly to any Person who occupies an executive position in a private sector entity or works for such an entity, regardless of the nature of his/her capacity, any undue advantage of any kind, for himself or another Person or entity for such Person to perform or refrain from performing any act in breach of its legal, contractual or professional obligations;
- 6.5 We have not and we will not engage in any practice likely to influence the contract award process to the detriment of the Contracting Authority and, in particular, in any anti-competitive practice having for object or for effect to prevent, restrict or distort competition, namely by limiting access to the market or the free exercise of competition by other undertakings;
- 6.6 Neither we nor any of the members of our joint venture or any of our suppliers, contractors, subcontractors, consultants or subconsultants shall acquire or supply any equipment nor operate in any sectors under an embargo of the United Nations, the European Union or France;
- 6.7 We commit ourselves to comply with and ensure that all of our suppliers, contractors, subcontractors, consultants or subconsultants comply with international environmental and labour standards, consistent with laws and regulations applicable in the country of implementation of the Contract, including the fundamental conventions of the International Labour Organisation (ILO) and international environmental treaties. Moreover, we shall implement environmental and social risks mitigation measures when specified in the environmental and social commitment plan (ESCP) provided by the Contracting Authority.
7. We, as well as members of our joint venture and our suppliers, contractors, subcontractors, consultants or subconsultants authorize AFD to inspect accounts, records and other documents relating to the procurement process and performance of the contract and to have them audited by auditors appointed by AFD.

Name: \_\_\_\_\_ In the capacity of: \_\_\_\_\_

Duly empowered to sign in the name and on behalf of<sup>1</sup>: \_\_\_\_\_

Signature: \_\_\_\_\_

Dated: \_\_\_\_\_

---

<sup>1</sup> In case of joint venture, insert the name of the joint venture. The person who will sign the application, bid or proposal on behalf of the applicant, bidder or consultant shall attach a power of attorney from the applicant, bidder or consultant.

## ANNEX I. Project Information

### 1. The Al Ekaider Waste Disposal Site

The Northern Region of Jordan has a strategic and significant economic importance comprising large residential, commercial, agricultural, touristic and industrial sectors. It is home to four big metropolitan cities (Irbid, Jerash, Ramtha and Ajlun) and it is mainly characterized by numerous residential villages and towns with different demographics and developments.

Al Ekaider dumpsite (“the Site”) is the second largest MSW dumpsite of Jordan. It is located within the administrative boundaries of New Hosha Municipality of Mafraq Governorate identified by mean coordinates 36°06.5'E and 32°30.7'N., in particular:

- at about 35 km NE of Irbid, which is the biggest metropolitan city in the governorate of Irbid and northern Jordan, in the extreme north of the country, adjacent to the international borders with Syria (0.5 km north of the Site) as illustrated in Figure 1 and Figure 2 below;
- at ~5.5km distance from the main road connecting Irbid and Mafraq, and at ~0.65km distance from the international road connecting Ramtha City to the Jabber border station with Syria, called the “Jabber Road”.

All roads are paved, in good condition, and well-maintained. The Jabber Road connects to the Al Ekaider site access road. The site access road is also paved and well maintained and has sufficient capacity to serve the Site.

The villages closer to the Site are (a) the Al Ekaider village, at about 1.2km NE of Site; and (b) the Mshairfeh, village at about 2.7km NW of Site.

A health centre operates in Al Ekaider village, visited by doctor for one (1) hour three (3) times per week.

The Ramtha public hospital located in Ramtha city, around 10 km away, and King Abdulla University Hospital, located at the campus of Jordan University of Science and Technology (JUST) are the nearest hospitals to the Site. Figure 5 below depicts evacuation routes from the Site to the hospitals.



Figure 1: Location of the Al Ekaider site in the Northern Region of Jordan ([www.kinghussein.gov.jo](http://www.kinghussein.gov.jo))

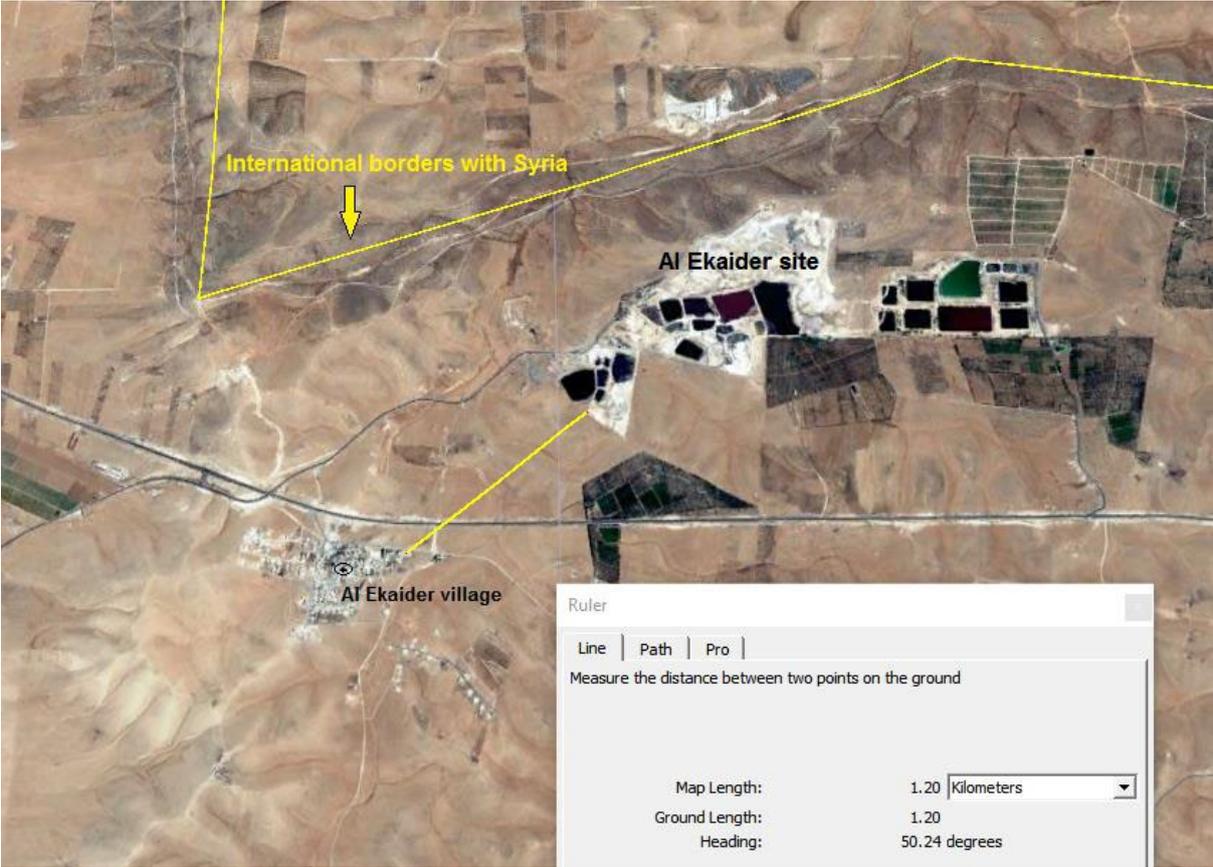


Figure 2: Distance of Al Ekaider site from the international borders with Syria and Al Ekaider village (Google Earth, 2016)



Figure 3: Location of Al Ekaider site with respect to the basic road network of the area (Google Earth, 2016)



Figure 4: Location of Al Ekaider site with respect to the basic road network of the area (Google Earth, 2016)

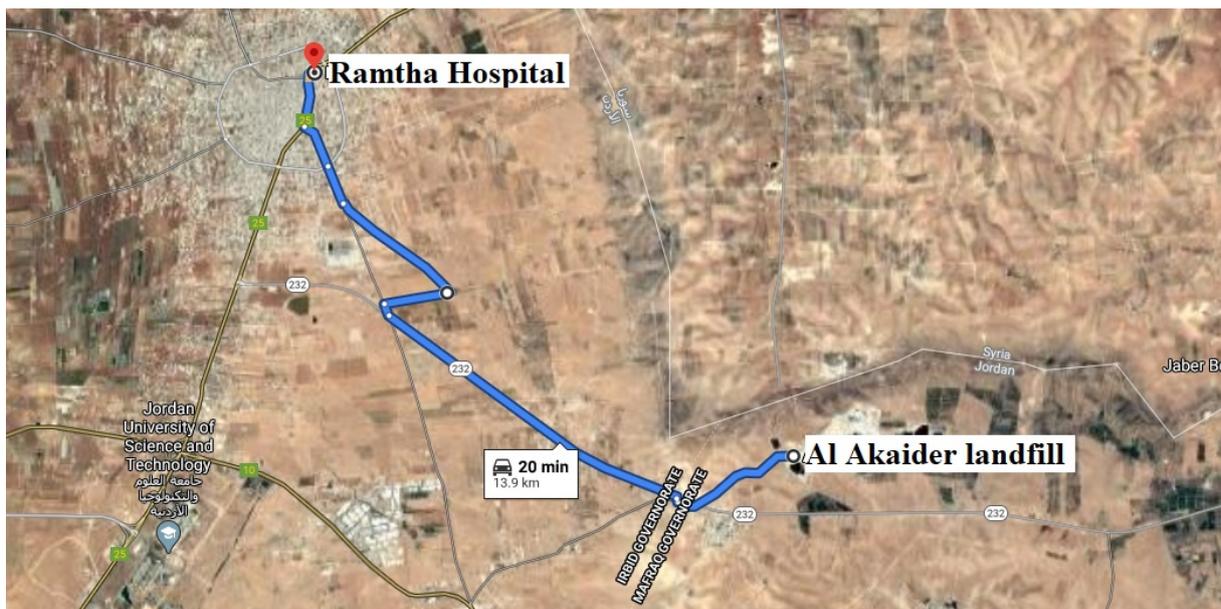
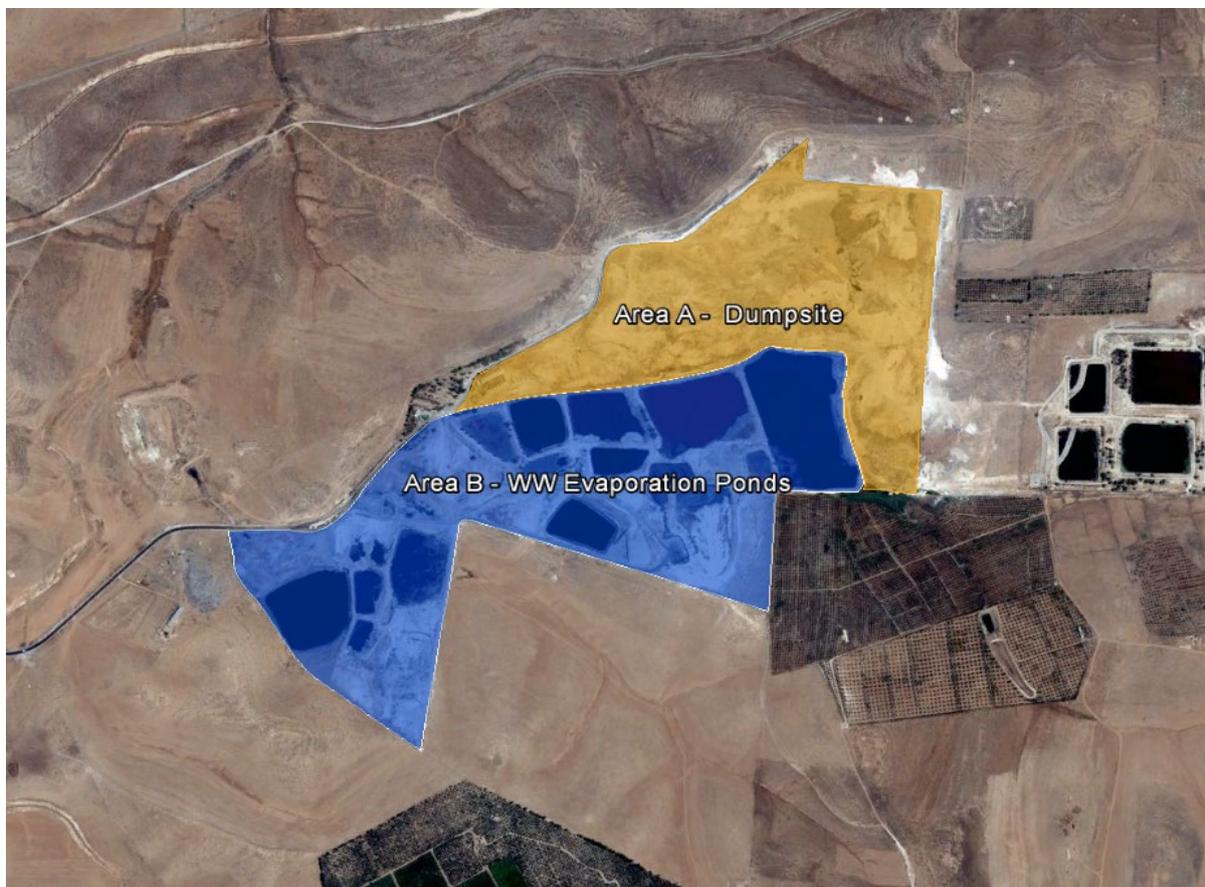


Figure 5: Routes from Al Ekaider landfill Site to the nearest hospitals

The Site has been in operation since 1981. It occupies an area of 908 donums (0,908 km<sup>2</sup>), and is operated and managed by the Joint Service Council (JSC) of Irbid. Solid waste from residential, commercial, industrial, institutional, and agricultural generators, as well as sludge from wastewater treatment plants, industrial wastewater, and zibar (wastewater from olive-oil mills), which end up in the Al-Ekaider area for final disposal during all those years, have formed two discrete disposal areas have been respectively formed in the Al Ekaider site (Figure 6):

- The dumpsite Area (A) in the northern part of the site; and
- The WW Evaporation Ponds Area (B) in the southern part of the site including the zibar ponds in the western-south part of the Area.

The Site's catchment area has been expanding during the years. With regards to the municipal solid waste (MSW) disposal, the site serves 31 Municipalities from four (4) Governorates (Irbid, Jerash, Mafraq and Ajloun), and the amount of MSW disposed is ~1,300 tones / day (average).



**Figure 6: Location of major activities in the Al Ekaider site (Google Earth, 2016).**

No groundwater supply and/or monitoring wells are available in the Site. Water for dust control or construction activities is being provided by tanker trucks.

Electrical power supply available on the Site is as following:

1. New Electrical Transformer 3-Phase, 100 KVA near the new administration building.
2. Existing Electrical Transformer 3-Phase, 100 KVA.
3. New Stand-By Diesel Electrical Generator 90 KVA near the existing administration building.
4. New Prime Diesel Electrical Generator 135 KVA near the new administration building.

5. Grid-On Solar PV System 11 KVA on the roof of the new administration building.
6. Grid-On Solar PV System 85 KVA, implemented by UNDP near the new administration building and the existing administration building.

In 2015 and subsequently in 2017, the Government of Jordan endorsed its National Municipal Solid Waste Management Strategy and the Regional Municipal Solid Waste Management of the Northern Region of Jordan, respectively, which identified the upgrading of the Al Ekaider landfill as the top priority in the sector and specified measures to be taken in the short-, mid- and long-term. In line with the Strategy and planning, and leveraging grants allocated by international donors, the following interventions were designed, constructed and operated in order to (a) relieve the Site from wastewater disposal; and (b) urgently address the needs for waste disposal, upgrading the operations and adopt sanitary landfill practices (Figure 7):

1. A new sanitary landfill cell (Emergency Cell #1) in the area occupied by Ponds 06, 07 and 08, funded by the Canadian Government through the UNDP. Capping layers and LFG extraction were not included in the scope of that Cell. Emergency Cell #1 operated until the end of 2019. By that date, it is estimated that 1 Mt of solid waste was deposited to Emergency Cell #1, i.e., approximately a volume of 940,000m<sup>3</sup>.
2. A new sanitary landfill cell (Emergency Cell #2) in the surrounding area of Pond 01 funded by the EU through the GiZ. Capping layers and LFG extraction were not included in the scope of that Cell. Emergency Cell #2 started operating on 1/1/2020, and ceased at the end of July 2021.
3. A new lined pond for zibar in proximity to the Site, planned by MoEnv and supported by the USAID/Jordan, to divert zibar stream from the existing evaporation ponds.
4. A new 200,000m<sup>3</sup> lined pond for WWTP sludge in proximity to the Site, planned by the Water Authority of Jordan (WAJ), to divert sludge stream from the evaporation ponds existing in Site.

The Old Dumpsite had ceased operations for as long as Emergency Cells #1 and #2 were in operation, however, it was re-commissioned after Emergency Cell #2 ceased operations. As the Old Dumpsite has exceeded its capacity, its continued operation poses serious risks.

With regards to the wastewater disposal, eighteen (18) evaporation ponds have been established in the site (Figure 7). It is roughly estimated that in 2016 a total 1,200 m<sup>3</sup>/d of wastewater treatment plants' sludge and mixed industrial wastewater was disposed of at the Al Ekaider ponds, in addition to approximately 130,000 m<sup>3</sup> of zibar. Disposal of industrial wastewater at the Site has ceased since 2016. As a result, the industrial wastewater ponds were found particularly dry in September 2019, compared to the situation in November 2018. Disposal of zibar at the Site had also ceased, however, through October - November 2021 zibar was again deposited in the lined zibar pond and in P2A – P2B ponds due to the high pressure exerted by the olive mill businesses during that production period and the lack of alternative disposal space in the northern region.

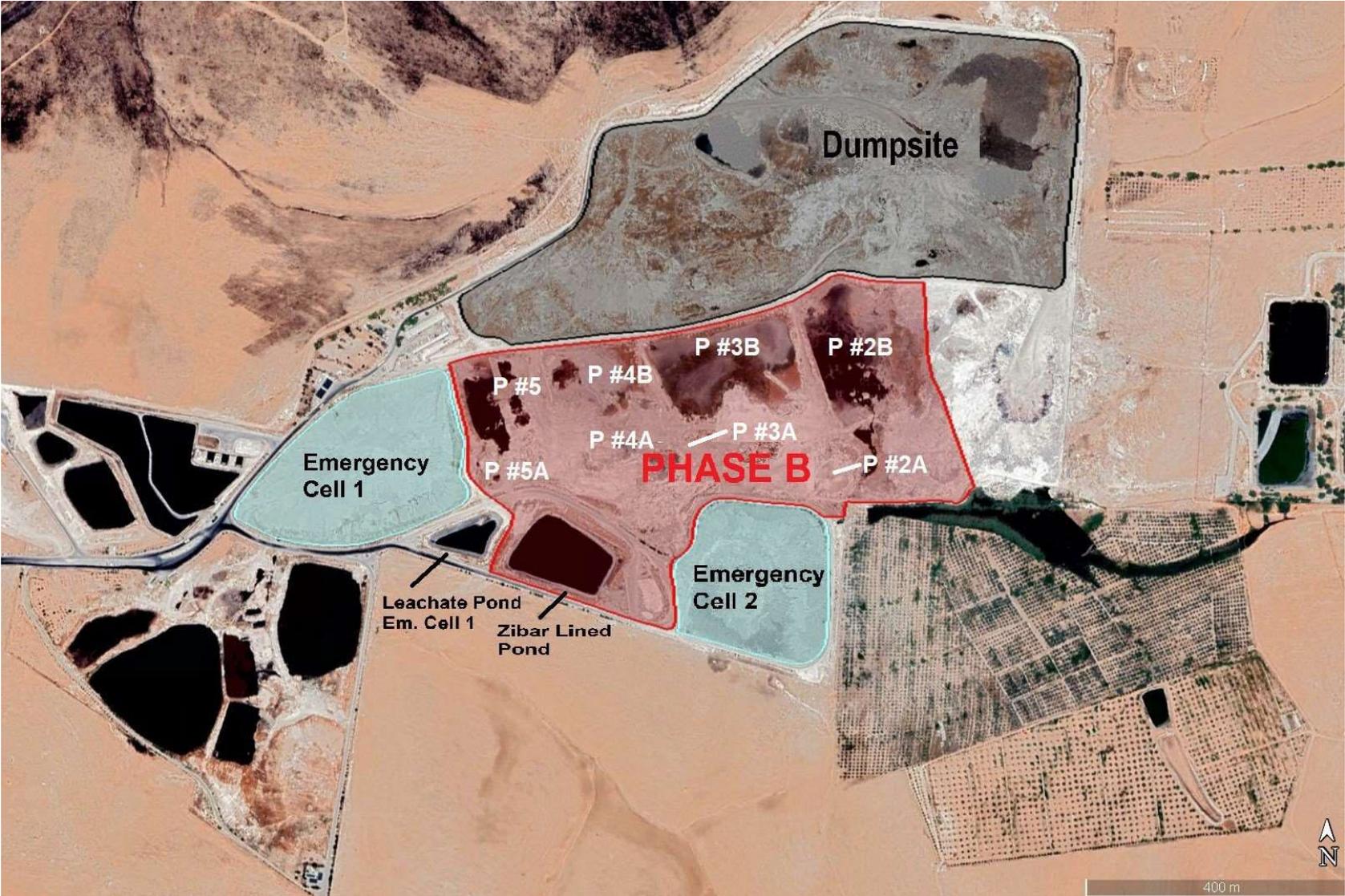


Figure 7: Components included in the DB+TA Project: Phase B (remediation of ponds and new sanitary landfill), Old Dumpsite, Emergency Cell 1 and Emergency Cell 2 (Google Earth 2018).

## 2. The project ‘Upgrading of Al Ekaider Waste Disposal Site – DB+TA’ (the “Project”)

### 2.1 Objectives - Scope

Upgrading of Al Ekaider waste disposal site is a high priority project of the Jordanian Government specified in the National Strategy for the Municipal Waste Management of Jordan, further studied at preliminary stage in the Regional Solid Waste Management Plan of Northern Jordan, and approved by the GoJ.

The **overall objective** of upgrading is to address short-, mid-, and long-term municipal solid waste disposal needs over a 15-year planning period, taking into account the steadily increasing rate of waste generation and the fact that the capacity of Al Ekaider space currently available for disposal of solid waste is near its exhaustion.

**Specific objectives** are defined as following:

- To deliver infrastructure and facilities required to operating the landfill in an environmentally sound manner in line with international standards and best available techniques;
- To upgrade the capacity, efficiency and performance of the Site staff.

The Project comprises the following components:

- 1) Design and Build of (DB) of Works of the following sub-projects:
  - 1.1 Remediation of the industrial wastewater ponds existing in the area demarcated as Phase B;
  - 1.2 New Sanitary Landfill with a design capacity of 1,500 tpd, in the area demarcated as Phase B;
  - 1.3 Closure and rehabilitation of the Old Dumpsite;
  - 1.4 Closure and rehabilitation of the Emergency Cell #1;
  - 1.5 Closure and rehabilitation of the Emergency Cell #2;
  - 1.6 Upgrading of existing facilities and setting up of new ancillary facilities necessary for the proper, seamless and safe operation of the overall Site.
- 2) Technical Assistance (TA) to Al Ekaider Site staff.

The sub-projects 1.1 to 1.5 are illustrated in Figure 7, where Phase B is demarcated by a red line.

To achieve the objectives, the Employer applied a tender process to award a Design-Build (DB) and Technical Assistance (TA) contract to an experienced and highly qualified contractor. The tender process is currently in progress (Invitation for Initial Selection).

The main functional expectations of the Employer through the DB+TA Project (**Expected Results**) are to:

1. Receive high quality integrated and environmentally sustainable design solutions, fully documented in accordance with the applicable legislation and requirements, and consistent with accepted engineering standards and best available techniques.
2. Receive solutions that ensure the timely availability of landfill capacity to accommodate the anticipated waste flows and characteristics, designed to optimize and maximise the landfill’s operating lifespan.
3. Receive high quality and properly executed Works compliant to the agreed design, within the timeframe, project milestones, and costs defined in the Contract.
4. Implement all environmental and health and safety policies and measures in accordance with the relevant legislation and requirements, thus, minimise the relevant risks.

5. Improve the efficacy of the physical assets, productivity ratios and operational reliability of the Landfill
6. Upgrade the environmental sustainability, well-being of site personnel and workplace performance, and knowledge and skills of Site personnel
7. Manage any issues and disputes that may arise during the execution of the Contract in a manner that ensures a smooth and uninterrupted workflow and completion and delivery of the Project to the Employer without delays;
8. Establish and maintain effective communication lines and coordination with all counterparts and stakeholders involved in the implementation of the Project, including local authorities and local civil society.
9. Utilize the output of landfilling activities (e.g., LFG and carbon finance, recyclables, etc.) in an environmentally sound manner;
10. Rationalize the operating cost calculation, and improve cost effectiveness.

## **2.2 Roles and responsibilities for the implementation and management of the Project**

- (1) The Design-Build and Technical Assistance shall be implemented by the Contractor pursuant to the DB+ TA Agreement.
- (2) The supervision of Design and Build work (§2.1 sub-projects 1.1 to 1.5) shall be carried out by the Supervising Consultant (“the Engineer”) pursuant to the supervision service Agreement.
- (3) The overall management of the Project is the responsibility of the Employer Management Team consisting of the Project Implementation Unit (PIU) and the Technical Assistance Team (TAT) that supports the PIU.

All the above entities constitute the Project Implementation Parties (PIP).

## **2.3 Description of the DB elements of the Project**

### **2.3.1 Design**

Design shall include (a) Conceptual design and Phasing Plan, and (b) Detailed Design for each individual sub-project.

#### **2.3.1.1 Conceptual design and Phasing Plan**

The Works shall be constructed, taken over, and commissioned in parts. This is necessary for the following reasons:

- (a) A sanitary landfill cell within the Phase B area is extremely urgent to be constructed as a matter of priority and commissioned as soon as possible in order to stop the disposal of waste in the Old Dumpsite which poses serious risks; That cell (hereinafter “ECB”, i.e. Emergency Cell in the Phase B area) shall be built on the surface occupied by certain wastewater pond(s) which should have been remediated respectively as a top priority (hereinafter “TPPB”, i.e., Top Priority Ponds in the Phase B area).
- (b) The biological degradation processes within the landfill mass remain active for some years after waste disposal ceases, resulting in continued settlements. Therefore, the final capping should not be constructed before the time required for the initial, high degree of settling has elapsed. The three existing landfill areas have different cessation times: the Old Dumpsite ceased operation in 03/2017, however, restarted after July 2021; the Emergency Cell #1 ceased operation in 31/12/2019; and the Emergency Cell #2 ceased operation as of the end of July 2021. Therefore, the capping stages thereof (temporary, final) should be designed and

performed in accordance with a waste settlement assessment, which shall be delivered by the DB Contractor to support and justify its proposed phasing plan.

The other works of the Project shall be developed uninterrupted and in parallel with ECB and the phasing plan should be properly designed to ensure that the progress of the other works of the Project is not hampered due to the ECB works.

The Conceptual design and Phasing Plan shall provide at least the following information:

1. Remediation of the wastewater ponds in the Phase B area: propose the TPPB in order to allow for commencement of construction of the ECB as soon as possible. Drier ponds should be considered for selection as TPPB. The work for preparing those TPPB shall not limit the construction progress of the relevant work for the remediation of next ponds, which should be continued uninterrupted and in parallel with the work of the priority pond(s).
2. Sanitary landfill in the Phase B area: propose (a) the ECB on the space of the TPPB as per item 1 above; (b) the next cells within the rest of Phase B area; The work for preparing the ECB shall not limit the construction progress of the relevant work for the delivery of next cells within the Phase B area, which should be continued uninterrupted and in parallel with the work of the ECB; The operation of commissioned cells shall not be interrupted or obstructed / impeded due to the works in cells under development; (c) closure plan of Phase B cells.
3. Closure and Rehabilitation of the existing landfills: propose the capping stages of the existing landfills (Old Dumpsite, Emergency Cell #1, and Emergency Cell #2) based on the conclusions of a waste settlement assessment for each of the existing landfills as well as on the configurations of side slope piggy-backs where they may be proposed to increase capacity (e.g., between adjacent cells Phase B - Old Landfill, Phase B - Emergency Cell #1, and Phase B - Emergency Cell #2).
4. Ancillary infrastructure and facilities: propose the phasing plan of works to deliver ancillary infrastructure and facilities -upgrade of existing / build/supply- installation of new ones.
5. Work Sections and Time for Design and Build Completion: propose Work Sections, which shall be consistent with the proposed Phasing Plan and shall be handed over subject to consent from the Engineer and approval by the Employer (*Provisional Completion per Work Section*). By way of example only, Work Sections could be defined as listed below:

Section S<sub>1</sub> to hand over:

- a. The remediation of TPPB; and
- b. The construction of ECB on the space of TPPB.

Sections S<sub>2</sub> to S<sub>x</sub> to hand over:

- the remediation of the remaining wastewater ponds;
- the construction of the remaining Phase B sanitary landfill;
- the closure and rehabilitation of the Old Dumpsite;
- the closure and rehabilitation of Emergency Cell #1;
- the closure and rehabilitation of Emergency Cell #2);
- the upgraded existing ancillary facilities and the new ones.

### 2.3.1.2 Detailed Design

Detailed Design (DD) shall include all necessary technical studies, surveys and investigations (topographical, geotechnical, civil, structural, mechanical & electrical, traffic, architectural, planting, etc.), drawings, dimensioning/calculations, technical specifications, technical descriptions, and BoQ, for each individual Work element.

Detailed Design shall be high-end integrated and environmentally sustainable, fully documented, in accordance with the technical specifications for landfills, technical standards and general and specific legislation on studies and construction projects, including environmental, labor and occupational health and safety legislation, which apply in Jordan. In the absence of any provision in the legal framework applicable in Jordan, relevant international standards shall apply subject to the Engineer's consent and the Employer's approval.

All design documents shall be subject to review and consent of the Engineer and approval by the Employer.

More specific information on the DD by individual Work element is provided below.

### **1. DD of Remediation of the wastewater Ponds (DD1)**

DD1 shall propose a method for the remediation of designated wastewater ponds located within the Phase B area designated as No. 02A, 03A, 03B, 04A, 04B, 05A, 05B, and the Zibar Lined Pond, also including handling of contaminated materials. The method must be scientifically substantiated, fully documented, technically suitable for dealing with the conditions of the specific ponds, and practically effective to complete the remediation works within the deadlines in accordance with the phasing plan.

### **2. DD of Phase B Sanitary Landfill (DD2)**

DD2 shall include at least the following:

1. Design Criteria to be utilized for DD2;
2. Detailed calculation of landfill capacity for the lifetime of landfill operation in terms of volume (m<sup>3</sup>) and mass (tonnes).
3. Site plans;
4. Landfill Filling Plan;
5. Drawings and procedure for weighing, recording and controlling inbound wastes and vehicles; Refuse vehicles' circulation plan;
6. Earthworks for landfill cells' construction and lining system installation/construction;
7. Stormwater management system design;
8. Leachate management system design;
9. LFG management system design; also including innovations and Best Management practices that may be implemented to increase the performance and flexibility of the LFG and leachate control systems, thus reducing GHG impact and the cost of the overall system;
10. Closure and rehabilitation system design;
11. Irrigation and Planting design;
12. Site Aftercare and Monitoring;
13. Traffic circulation study; Internal Road network and connection to external road network design;
14. Miscellaneous plans' design, including process and instrumentation diagrams (PIDs) for all process control, monitoring, and alarm functions for the leachate pumping and storage systems and landfill gas flare system, electrical details, etc.

### **3. DD of Closure and Rehabilitation of the old Dumpsite (DD3)**

DD3 shall include at least the following:

1. Design Criteria to be utilized for DD3;
2. Waste settlement assessment and Slope stability analysis;
3. Earthworks design;
4. Liner installation/construction system design;
5. Stormwater management system design;
6. Leachate management system design;
7. LFG management system design;
8. Capping system;
9. Irrigation and Planting of the final cap;
10. Design of any ancillary works (roadways, etc.)
11. Aftercare and monitoring operations;
12. Traffic study.

#### **4. DD of Closure and Rehabilitation of the Emergency Cell #1 (DD4)**

Emergency Cell #1 has been constructed as a sanitary landfill cell but without final capping and LFG management. A cover layer of clay has been applied by MoLA on the Cell after cease of operation.

DD4 shall be prepared with the same methodology and details laid down for the Old Dumpsite.

#### **5. DD of Closure and Rehabilitation of the Emergency Cell #2 (DD5)**

Emergency Cell #2 has been constructed as a sanitary landfill cell but without final capping and LFG extraction.

DD5 shall be prepared with the same methodology and details laid down for the Old Dumpsite.

#### **6. DD of Ancillary infrastructure and facilities (DD6)**

DD6 shall cover the following ancillary infrastructure and facilities:

1. Wheel washing system
2. Meteorological Station
3. Fencing. Fencing has been constructed (a) to the border of the administration building access road, around the workshop extension, generator and around the leachate pond (in the context of Emergency Cell #1 project); and (b) along the entire boundary (in the context of Emergency Cell #2 project). The requirement in this item is to check all Site fencing for damages or unfenced areas, and to repair any damage and install the fence where required, so the Site shall be fully fenced along all site boundaries to ensure the safety of the general public and prevent unauthorised entry and disposal.
4. Road network
  - (a) Internal road network. Renovation of the internal road network was made in the context of Emergency Cell #1 project. The requirement in this item is to design and construct an updated internal road network adjusted to the traffic needs of the DB project and ensuring proper traffic in the Site during all periods, including (a) asphalt road on solid ground outside the limits of the waste basin to ensure movement within the Site and around the waste disposal fields; and (b) temporary dirt roads to ensure movement above the waste mass (within the landfill basin contour).
  - (b) External Road Network. The requirement in this item is to check the current condition of the Site access road connecting the landfill site to the existing public network and,

if needed, to design and carry out any repairs and improvements (e.g., to ensure that no line up of trucks is so long as to extent to local roads).

- (c) Signage upgrade was made in the context of Emergency Cell #1 project. The requirement in this item is to supply and install traffic signs adjusted to the traffic needs of the DB project in accordance with the Contractor's traffic design study and the technical specifications.
5. Monitoring equipment shall be supplied and installed to meet the monitoring requirements in accordance with the technical specifications.
  6. Laboratory shall be supplied and installed.
  7. Firefighting facilities, equipment shall be installed, and measures shall be taken to meet the Firefighting requirements in accordance with the technical specifications.
  8. Perimetric tree planting: Upgrade of green areas at the perimeter of the landfill was made in the context of Emergency Cell #1 project. The requirement in this item is to upgrade the peripheral planting zone with planting and irrigation network, as per the Contractor's Landscape design and the technical specifications.
  9. Street lighting was made in the context of Emergency Cell #1 project. The requirement in this item is to upgrade Street lighting in order to adjust to the DB project and ensure that adequate light will be available both in the entrance area and in the work front in case the facility needs to operate during the night or an incident has to be faced.
  10. Any other ancillary facilities, equipment, networks and installations (including Water supply and sewage network, E/M installations, Additional buildings, Sampling area, etc.) shall be included in the design and be in place as required in accordance with the technical specifications.

#### **7. Energy recovery from LFG**

Feasibility of energy recovery from LFG through interconnection of LFG management systems of all landfills (Old Dumpsite, Phase B, Emergency Cell #1 and #2) shall be assessed in the context of DD. If, based on the conclusions of the assessment, energy recovery from LFG is judged to be feasible, design of energy recovery plant shall also be delivered (DD7).

#### **8. Landfill Operation Plan (LOP)**

LOP shall be a high-end integrated and environmentally sustainable plan for organising and operating of the AI Ekaider site in accordance with the national legislation, technical specifications for landfills, ESIA, and best available techniques. LOP shall at least include the following manuals:

1. General Operating Plan, including codification of Operation procedures, work organization, Site Operation Programme (Daily, Weekly, Quarterly or Biannual, Annual);
2. Detailed Landfilling Operating procedures;
3. Maintenance Programme, preventive and regular;
4. Environmental Monitoring Programme;
5. Emergency Management Plans (EMP).

#### **2.3.2 Build**

Each individual Work element shall be built in accordance with the respective DD.

### **2.4 Indicative Implementation Schedule of the Project**

Time for Completion of the entire Work Implementation Period is set forth 24 months from Approval Date of the Contractor's Work Programme.

Deadlines for submission of detailed design are set out as following, where the Phasing Plan of the entire Work shall be submitted together with DD1.

Detailed Design (DD)	Time (T) from Approval Date of the Contractor's Work Programme
DD1: Remediation of the wastewater ponds (including Phasing Plan of the entire Work)	T ≤ One and a half (1.5) months
DD2: Phase B Sanitary Landfill	T ≤ Three (3) months
DD3: Closure and Rehabilitation of the old Dumpsite	T ≤ Three (3) months
DD4: Closure and Rehabilitation of the Emergency Cell #1	T ≤ Three (3) months
DD5: Closure and Rehabilitation of the Emergency Cell #2	T ≤ Three (3) months
DD6: Ancillary Infrastructure and Facilities	T ≤ Seven (7) months
Feasibility assessment of Energy Recovery from LFG	T ≤ Three (3) months
DD7: Energy Recovery from LFG (if judged to be feasible)	T ≤ Six (6) months
DD8: Landfill Operation Plan	T ≤ Nine (9) months

*Provisional Sectional Completion* (taking over) time of the critical Work section W1, and Time for Completion of the entire Work from Approval Date of DD1 are set out as following:

Work Sections (W)	Time (T) from Approval Date of DD1
W1: Remediation of TPPB	T ≤ Two (2) months
W2: Construction of ECB	T ≤ Eight (8) months
W3: Remediation of next Ponds	T ≤ Twelve (12) months
W4: Construction of next cells	≤ Twenty-one (21) months
Time for Completion of the entire Work	≤ Twenty-one (21) months

The Project's indicative implementation schedule is presented in Figure 8 where the colors and patterns used in the bars should be read according to the following legend:

-  Detailed Design activities
-  Build / Implementation activities
-  Construction Activities on the final plateau and side slopes depending on the waste settlement assessment and the configurations of side slope piggy-backs.
-  Activities subject to condition (if Energy Recovery from LFG is judged to be feasible)
-  Activities not continuously performed and which extend beyond the handover of the construction.



Figure 8: Indicative Project Design-Build Schedule

## ANNEX II. Scope of Supervision Services

The Engineer is requested to provide expert supervision services over the execution of DB works (§2.1 sub-projects 1.1 to 1.5) for the control of performance of the Contractor's obligations and acting appropriately for the fulfillment thereof. The Engineer shall be the Client's Representative at Site; hence, they are required to provide their professional supervision services undertaking obligations and activities in compliance with the applicable legislation norms, and standards; DB Contract; and ESHS requirements.

The Services requested are organised in Phases and listed in summary (but not limited to) below:

### 1. **Engineer's Inception (Preparation) Phase**

- Mobilisation of qualified supervision staff;
- Review of the project's baseline data and current status;
- Inspect/assess/verify the worksite conditions, and related mobilization arrangements of the DB contractor to commence the works, including all necessary certificates, warranties, insurance policies, location plans, etc.;
- Establish a proper and functional oversight organization system and take all preparatory activities that enable a quick and effective start of day-to-day supervisory activities, including: supervision manual; time frame (supervisory plan) for the entire project; CPM network; project management tools; standard reports, etc.;
- Participate in a kick-of meeting with the Employer Management Team, Contractor, AFD, and any beneficiaries that may be invited by the Employer.

### 2. **Pre-construction Phase**

- Review/validate the contractor's Work Programme, Organization Chart, Construction Management Strategy and Quality Assurance plan;
- Review/validate the contractor's Worksite Area Environmental and Social Management Plan (Worksite - ESMP) and Environment Protection Plans (EPP);
- Review/validate the contractor's Commissioning plan;
- Review/validate the contractor's Detailed Design;
- Review/validate the sub-contractors' qualification and experience.

### 3. **Construction Phase**

- Daily monitoring, supervision and inspections;
- Testing monitoring - Review the laboratory test results for compliance with Contract requirements;
- Review and validate the Contractor's submittals and documents;
- Quality control and related procedures;
- Progress control and related procedures;
- Monitoring of the implementation of the Environment Social Health and Safety (ESHS) safeguards;
- Health and Safety control and related procedures;
- Evaluate the adequacy of the contractor's personnel and equipment and the availability of materials and supplies to meet the programme;
- Start and chair Engineer's weekly meetings - Participate at Contractor's weekly meetings;
- Management of non-conformities;
- Claims, change/variations Management;
- Cost and payments control and related procedures;
- Risk management;

- Commissioning, testing and related procedures;
- Validate Provisional Completion of Work Sections;
- Reporting;
- Archiving - Maintain job logbook, drawing register and other records;
- Assist the Employer as an expert witness in litigation arising from the development or construction of the project and in bearings before various approving and regulatory agencies;

#### **4. Defects Liability Period (DLP)**

Defects Liability Period of each Work Section begins with issuing the certificate of Provisional Completion and ends with issuing the certificate of *making good defects*. During DLP, the Contractor may be recalled to rectify defects, which appear following the certificate of Provisional Completion.

The Engineer participates in DLP of each Work Section when needed to, inter alia:

- Check and validate the rectification of defects;
- Issue a certificate of *making good defects*.

#### **5. Closure of DB project**

Upon completion of the Defects Liability Period of all Sections, the Engineer implements the procedures for closure of DB Work and issuance of a *Final Statement*.

### **Preliminary Employer assessment of the Engineer's Team composition and Level of effort (LoE)**

Stressing that the composition and LoE of the Supervisory team is the sole responsibility of the shortlisted Consultants who will be invited to submit a Proposal, a preliminary Employer assessment is provided indicatively (non-binding) below:

#### **(a) Preliminary (non-binding) Employer assessment of the composition of the Supervisory Team:**

- Engineer's Team leader/Site Manager (key expert);
- ESHS Supervisor (key expert);
- Site inspector / Geotechnical (key expert);
- Site inspector / Structural (key expert);
- Site inspector / Electro-Mechanical (key expert);
- Quantity Surveyor (key expert);
- Design Coordinator (key expert);

#### **(b) Preliminary (non-binding) Employer assessment of the Supervisory Team LoE: 135 person-months.**

## ANNEX III. Instructions for classifying technical service providers of Jordan for the year 2020

Technical service providers and engineering offices are classified into categories in the following areas:

1. Buildings
2. Roads
3. Water and sanitation
4. And electromechanical
5. Specialized engineering
6. Material examination
7. Site survey
8. The environment
9. The Minister may add any other field or jurisdiction upon the recommendation of the Classification Committee

Classification standards and requirements include the competencies of the technical service provider, his performance, technical and administrative staff, and his experiences in the required specialty, its equipment and capabilities as set out in the annexes mentioned in these instructions and generally include:

- A- The financial, administrative, and technical status of the technical service provider and the experience of the founders and full-time partners working in it.
- B- Field specializations and expertise of the Heads of the competence and other staff.
- C- The duration of the technical service provider's continuity, as well as the continuity of the work of the Heads of expertise
- D- Projects in the public and private sectors that the technical service provider studied and / or supervised inside and outside the Kingdom.
- E- The office space and its equipment according to the instructions
- F- And - performance certificates from employers
- G- The general impression

<b>First Grade (A) Requirements</b>	
For classification within the first category (A) in any fields specified in the instructions, the following criteria shall be adopted in addition to any other requirements mentioned in the instructions	
1	That the technical service provider has carried out distinguished work in the field of specialization that is evaluated by the classification committee of no less than six projects, and that it presents works of comprehensive and varied scope in the fields of specialization and a high level of technical competence
2	The technical service provider has a sufficient number of the main engineers with specialized and high experiences in the different fields for the required specialization and that most of the heads of specialization have been in their work for a period of not less than three years in the same office with the exception of the partners as the head of specialization

3	The technical service provider has an advanced institutional system and has the financial and administrative structure with experience that are appropriate for a large institution
4	The technical service provider has an applied quality management system such as ISO 9001 and ISO 18001, but for engineering laboratories classified in the field of material examination, they must obtain national certification of ISO 17025 from the accreditation unit of the Institution for Standards and Metrology
5	The technical service provider develops and trains his technical and administrative staff periodically, continuously and systematically, and he has a library of references, computers and specialized programs in his field of work
6	The technical service provider should have a furnished and decent office (headquarters) provided that its area should not be less than 350 square meters
7	Working in the private sector and outside Jordan and Providing the engineering work/services is an advantage for the technical service provider
8	Determining the capital value of 100,000 dinars
9	The technical service provider must provide evidence of his financial capacity from the bank (as per the form in Appendix No. 9 / c) in addition to the last financial audit statement issued for a year before submitting the classification and certified auditor

<b>First Grade (Class B)</b>	
For classification within the First Grade (Class B) in any of the fields specified in the instructions, the following criteria shall be adopted in addition to any other requirements mentioned in the instructions:	
1-	The technical service provider or engineering office has identified a high level of technical competence and be diverse in the area of specialization and no less than four projects are evaluated by the Classification Committee
2-	The technical service provider or the engineering office have a sufficient number of key engineers with specialized and high experience in the various fields of the required specialization and that most heads of specialization have been working in their work for a period of not less than (3) years in the same office with the exception of the partners as chief of specialization.
3-	The technical service provider must have a quality management system applied, for example (ISO 9001) in addition to (ISO 14001) for the workbook in the field of environment. As for engineering laboratories classified in the field of material examination, they must obtain a national accreditation certificate (ISO 17025) from the accreditation unit in Institution for Standards and Metrology.
4-	The technical service provider or engineering office should have a developed institutional system and have the financial and administrative staff with appropriate experience.
5-	The technical service provider or engineering office develop and train its technical and administrative staff periodically, continuously and systematically and has advanced computer hardware and software.
6-	The technical service provider or engineering office must have a furnished and decent office (headquarters) provided that its area should not be less than (200) square meters
7-	Determining the minimum capital value of 80 thousand dinars

---

8-	The technical service provider must submit proof of his financial capacity from the bank (according to the form) in Appendix No. (9 / c) in addition to the last financial budget issued for a year before submitting the classification and certified Auditor
----	--