



ΕΛΛΗΝΙΚΗ ΠΡΕΣΒΕΙΑ ΣΤΗ ΒΗΡΥΤΟ
Γραφείο Οικονομικών και Εμπορικών Υποθέσεων

Βηρυτός, 9 Ιανουαρίου 2018
Α.Π. Φ. 2260/ 5 /ΑΣ 206

ΠΡΟΣ: Όπως πίνακας αποδεκτών
(μέσω ημών)

ΚΟΙΝ.: Διπλωματικό Γραφείο κ. Υπουργού
Διπλωματικό Γραφείο κ. Αναπληρωτή Υπουργού
Γραφείο κ. Γενικού Γραμματέα ΔΟΣ & ΑΣ
Γραφείο κ. Β' Γεν. Διευθυντή
B3, B8 Δ/νση
(μέσω ΥΠΕΞ)

Ε.Δ.: κ. Πρέσβυ

ΘΕΜΑ: Προκήρυξη διεθνούς διαγωνισμού για το σχεδιασμό της κατασκευής νέου στρατιωτικού νοσοκομείου στη Βηρυτό

Το Υπουργείο Εθνικής Άμυνας του Λιβάνου προγραμματίζει την κατασκευή στρατιωτικού νοσοκομείου δυναμικότητας 400 κλινών στη Βηρυτό (Central Military Hospital), καθώς και 5 ιατρικών κέντρων σε ισάριθμες περιοχές της χώρας (healthcare centers -2 κέντρα 75 κλινών και 3 κέντρα 50 κλινών), συνολικής προϋπολογισμένης δαπάνης \$ 120 εκατ. Η.Π.Α.. Στη Βηρυτό υπάρχει ένα στρατιωτικό νοσοκομείο και το έργο αφορά στην κατασκευή νέου στρατιωτικού νοσοκομείου δίπλα στο παλαιό (περιοχή Badaro, ανατολική Βηρυτό).

Προς το παρόν το Υπουργείο Εθνικής Άμυνας ενημέρωσε τις εδώ εταιρείες, καθώς και τις Διπλωματικές αποστολές (από 8/1/18) ότι προβαίνει σε ανοικτό διεθνή διαγωνισμό, προκειμένου να προμηθευτούν τις προδιαγραφές για τη συμμετοχή στη διαδικασία προεπιλογής εταιρειών μελετών/συμβουλευτικών υπηρεσιών για το σχεδιασμό του έργου. Ενδιαφερόμενες ξένες εταιρείες δύνανται να συμμετάσχουν μόνο μέσω της συνεργασίας με εγχώρια ανάλογη επιχείρηση. Όπως ενημερωθήκαμε, το Υπουργείο θα ανακοινώσει την καταληκτική ημερομηνία της διαδικασίας προεπιλογής μετά 2-3 εβδομάδες περίπου.

Στο πλαίσιο των ανωτέρω σας αποστέλλουμε σε ηλεκτρονική μορφή το τεύχος των προδιαγραφών προεπιλογής και κατάλογο λιβανικών αρχιτεκτονικών εταιρειών ειδικευμένων στην κατασκευή έργων τομέα υγείας, με τις οποίες τα ενδιαφερόμενα μέλη σας μπορούν να επικοινωνήσουν απευθείας για τη δημιουργία σχήματος συνεργασίας.

Παρακαλούμε να προβείτε στην ενημέρωση των μελών σας.

Το Γραφείο, στο πλαίσιο των δυνατοτήτων του, είναι στη διάθεσή σας.

Ο Προϊστάμενος

Παρασκευή Τασάκου
Γενικός Σύμβουλος ΟΕΥ Β'

Συνημμένα: ένα αρχείο PDF / ένα αρχείο excel

| Company Name | Physical Address 1 | Physical Address 2 | Physical Address 3 | PO Box | Postal Code | Region | Caza | Phone |
|--|-------------------------------------|--|-------------------------|---------|-------------|-----------|---------------|---------------|
| Khatib & Alami-Consolidated Engineering Company S.A.L. | Jnah-K&A building, | Al-Akhtal Al-Saghir street, Jnah area | Beirut | 14-6203 | 1105-2100 | Beirut | Beirut | +961 1 843843 |
| Etudes Techniques Sal | 2nd floor, Minkara building, | 182 Clemenceau street, Minet El-Hosn sector | Beirut | 11-6078 | | Beirut | Beirut | +961 1 364304 |
| Lebanese Arab Co. for Engineering & Consultancy Sal | Laceco building, | Sidani street, Hamra sector | Beirut | | | Beirut | Beirut | +961 1 340304 |
| Builders Design Consultants Sarl | Ground floor, Azar building, | Najla Kfoury street, Ain El-Tineh sector | Beirut | 11-1892 | | Beirut | Beirut | +961 1 807941 |
| Bureau d'Etudes Jean-Claude Malhamé Sarl | 1st floor, Sfeir building, | Camille Chamoun street, Horge Tabet area | Sin El-Fil (Metn) | | | Metn | Mount-Lebanon | +961 1 484258 |
| Erga Group Sal | Elie Gebrayel building, | Mar Mansour street | Naccache (Metn) | 70-344 | | Metn | Mount-Lebanon | +961 4 524124 |
| Conser Consulting Engineers Sarl | 3rd floor, Delma building, | Takieddine Solh street, Koreitem sector | Beirut | 13-6361 | | Beirut | Beirut | +961 1 737821 |
| A Consult Sarl | 10th floor, Debs center, | Main street, Kaslik area | Zouk Mikael (Kesrouane) | | | Kesrouane | Mount-Lebanon | +961 9 640010 |
| Arcrea Studio Beyrouth Sal | 2nd floor, Beirut Symposium center, | General Charles de Gaulle avenue, Horge Tabet area | Sin El-Fil (Metn) | | | Metn | Mount-Lebanon | +961 1 486386 |
| International Design, Engineering & Architecture Sarl | 2nd floor, Freige building, | Damascus street, Nasra sector | Beirut | 14-6565 | | Beirut | Beirut | +961 1 427111 |

| | | | | | | | | |
|---|--|--|-----------------------------|---------|-----------|-----------|---------------|---------------|
| Creative Studio 11 Sarl | 1st basement, Campus building, | Makhoul street, Hamra sector | Beirut | 14-5670 | | Beirut | Beirut | +961 1 753752 |
| Associated Consulting Engineers Sal | ACE Headquarter building, | Cardinal Sayegh street | Sin El-Fil (Metn) | 11-3446 | | Metn | Mount-Lebanon | +961 1 497250 |
| Rafik El-Khoury & Partners | 3rd floor, Solarco building, facing Bourj Hammoud Stadium, | Off Sin El-Fil/Jdeideh boulevard | Bourj Hammoud (Metn) | 11-9256 | | Metn | Mount-Lebanon | +961 1 493150 |
| Le Consultant | 4th floor, Middle East building, | Farid Trad street, Ramlet Baida area, Mousseitbeh sector | Beirut | | 2046-4505 | Beirut | Beirut | +961 1 801190 |
| Dar Al-Handasah Consultants | Dar Al-Handasah building, | Muhieddine Nsouli street, Ain El-Tineh sector | Beirut | 11-7159 | 1107-2230 | Beirut | Beirut | +961 1 790002 |
| Dar Al-Handasah Nazih Taleb & Partners | 1st floor, Cyme building, | Bachir Kassar street, Verdun, Dar El-Fatwa sector | Beirut | 11-8198 | | Beirut | Beirut | +961 1 863533 |
| Samir Khairallah & Partners | Khairallah building, | Brazilia area, Baabda | Mount Lebanon | 160 | | Beirut | Mount-Lebanon | 961 5 452793 |
| Plan Libre Sarl | 2nd floor, Baduy center, | Mina Jadida area | Haret Sakhre (Kesrouane) | 14 | | Kesrouane | Mount-Lebanon | +961 9 915738 |
| Abillama Chaya Industrial Design Sarl | Abillama property, | Street no. 54, Industrial area | Dbayeh (Metn) | | 2502-7209 | Metn | Mount-Lebanon | +961 4 542007 |
| Associated Consulting Engineers Sal | ACE Headquarter building, | Cardinal Sayegh street | Sin El-Fil (Metn) | 11-3446 | | Metn | Mount-Lebanon | +961 1 497250 |

| | | | | | | | | |
|---|--|-----------------------------------|----------------------|----------|--|--------|---------------|---------------|
| Entreprises A. R. Hourié Sal | 1st floor, Atallah building, | Sami Solh avenue, Parc sector | Beirut | 11-5749 | | Beirut | Beirut | +961 1 381576 |
| Maintenance Infrastructure South for Construction Sal | 4th floor, Nadim Fakhri building, | Street no. 75, Bir Hassan area | Ghobeiri (Baabda) | 14-5257 | | Baabda | Mount-Lebanon | +961 1 451285 |
| Rafik El-Khoury & Partners | 3rd floor, Solarco building, facing Bourj Hammoud Stadium, | Off Sin El-Fil/Jdeideh boulevard | Bourj Hammoud (Metn) | 11-9256 | | Metn | Mount-Lebanon | +961 1 493150 |
| Spectrum Engineering Consultants Sarl | 1st floor, Chehab tower, | Mama street, Tallet Khayat sector | Beirut | 114-5029 | | Beirut | Beirut | +961 1 309416 |

| Mobile Phone | Fax | Email | Website | Employees | Registration no | Salutation | First Name | Last Name | Contact Function | Email |
|----------------|---------------|-----------------------------|-----------------------------------|-----------|-----------------|------------|--------------|-------------|---------------------------------------|-----------------------|
| | +961 1 844400 | beirut@khatibalami.com | http://www.khatibalami.com | 5584 | 12575 Beirut | Dr. | Najib | Khatib | Chief Executive Officer | |
| +961 70 153364 | +961 1 367747 | info@etecsal.com | http://www.etecsal.com | 35 | 16013 Beirut | Mr. | Bechara | Ziade | Technical Manager | |
| | +961 1 736454 | laceco@laceco.net | http://www.laceco.net | 230 | 55084 Beirut | Mr. | Fayez | Makkouk | Vice-President | |
| +961 3 804368 | +961 1 866958 | mail@azar-bdc.com | http://www.azar-bdc.com | 25 | 41341 Beirut | Mr. | Fawzi | Azar | Operations Officer - Senior Architect | fawzi@azar-bdc.com |
| +961 3 466642 | +961 1 484259 | info@jeanclaudemalhamem.com | http://www.jeanclaudemalhamem.com | 8 | 36016 Baabda | Mr. | Jean-Claude | Malhamé | Chairman & CEO | |
| +961 3 502277 | +961 4 524224 | erga@erga.com | http://www.erga.com | 430 | 61204 Baabda | Mrs. | Randa | Gebrayel | Vice-Chairman | |
| | +961 1 737823 | beirut@conserconsulting.com | http://www.conserconsulting.com | 50 | 26972 Beirut | Mr. | Mohamed-Azmi | Haroun | General Manager | |
| | +961 9 640884 | info@aconsultonline.com | http://www.aconsultonline.com | 3 | 56296 Baabda | Mrs. | Dolly | Debs-Braidi | General Manager | |
| | +961 1 486080 | c.khoury@arcreastudiolb.com | http://www.arcreastudio.com | 10 | 2030729 Beirut | Mr. | Rony | Abou-Farhat | General Manager | rony@arcreastudio.com |
| +961 70 427111 | +961 1 427222 | info@ideasal.com | http://www.ideasal.com | 32 | 69871 Beirut | Mr. | Hicham | Nasser | General Manager | |

| | | | | | | | | |
|-------------------|---------------|--|---------------------------------|------|----------------|------------|----------------|--------------------------------|
| +961 70 037778 | | info@creativestudio11.com | http://www.creativestudio11.com | 11 | 1012768 Beirut | Mr. Said | El Hajj | Manager |
| | +961 1 497550 | ace@dm.net.lb | http://www.ace-intl.com | 150 | 16522 Beirut | Mr. Pierre | Chalfoun | Director |
| +961 3 652150 | +961 1 493150 | contact@rafikelkhoury.com | http://www.rafikelkhoury.com | 200 | 19230 Beirut | Sheikh | Ramy El-Khoury | General Manager |
| +961 3 215321 | +961 1 801190 | info@le-consultant.com | http://www.le-consultant.com | 3 | | Mrs. Rim | Mourtada | Interior & Landscape Architect |
| | +961 1 869011 | beirut@dargroup.com | http://www.dargroup.com | 1250 | 74083 Beirut | Mr. Riad | Mneimneh | Director of Operations |
| | +961 1 863434 | info@daralhandasah.com | http://www.daralhandasah.com | 150 | 1002020 Beirut | Mr. Jamil | Taleb | Director General |
| | 961 5 457721 | skp@skp-consultants.com | www.skp-consultants.com | 100 | | Mr. Samir | Khairallah | Owner |
| | +961 9 935750 | planlibre.liban@planlibre.net | http://www.planlibre.net | 15 | 2001496 Baabda | Mr. Dany | Hage | General Manager |
| | +961 4 542327 | info@acidprojects.com | http://www.acidprojects.com | 140 | 66540 Baabda | Mr. Karim | Chaya | Managing Partner |
| | +961 1 497550 | ace@dm.net.lb | http://www.ace-intl.com | 150 | 16522 Beirut | Mr. Pierre | Chalfoun | Director |

| | | | | | | | | | | |
|------------------|---------------|---------------------------|------------------------------|-----|--------------|------------|----------|---------------|------------------------------|--|
| | +961 1 380771 | info@hourie.com | http://www.hourie.com | 80 | 18464 Beirut | Mr. | Nadim | Bhamdou ni | Finance Manager | |
| | +961 1 451286 | info@misclebanon.com | http://www.misclebanon.com | 50 | 73620 Beirut | Mrs. | Nathalie | Khalil | General Manager | |
| +961 3 652150 | +961 1 493150 | contact@rafikelkhoury.com | http://www.rafikelkhoury.com | 200 | 19230 Beirut | Shei kh | Ramy | El- Khoury | General Manager | |
| +961 3 201893 | +961 1 817035 | spectrum@spectrumlb.com | http://www.spectrumlb.com | 125 | 33444 Beirut | Eng. | Hisham | Mneimne h | Deputy General Manager | hisham.mnei mneh@spec trumlb.com |

Republic of Lebanon

**MINISTRY OF DEFENSE
(MoD)**

**Pre-qualification of Consultants for the
Construction and Supply and Installation of Medical
Equipment and Furniture for the Military Hospital
in -----**

Invitation for Prequalification

Issued on: ----- 2017

Contents

Prequalification Document for Procurement of Works

PART 1 – Prequalification Procedures..... 1
Section I. Instructions to Applicants..... 2
Section II. Prequalification Data Sheet..... 15
Section III. Qualification Criteria and Requirements 20
Section IV. Application Forms 27

PART 2 – Works Requirements 44
Section V. Scope of Works..... 45

PART 1 – Prequalification Procedures

Section I. Instructions to Applicants

Table of Clauses

| | |
|---|----|
| A. General..... | 3 |
| 1. Scope of Application..... | 3 |
| 2. Source of Funds..... | 3 |
| 3. Corrupt and Fraudulent Practices..... | 3 |
| 4. Eligible Applicants | 3 |
| 5. Eligibility..... | 4 |
| B. Contents of the Prequalification Document | 5 |
| 6. Sections of Prequalification Document..... | 5 |
| 7. Clarification of Prequalification Document and Pre-Application Meeting | 5 |
| 8. Amendment of Prequalification Document | 6 |
| C. Preparation of Applications..... | 7 |
| 9. Cost of Applications | 7 |
| 10. Language of Application | 7 |
| 11. Documents Comprising the Application..... | 7 |
| 12. Application Submission Form | 7 |
| 13. Documents Establishing the Eligibility of the Applicant | 7 |
| 14. Documents Establishing the Qualifications of the Applicant | 7 |
| 15. Signing of the Application and Number of Copies..... | 8 |
| D. Submission of Applications | 8 |
| 16. Sealing and Identification of Applications | 8 |
| 17. Deadline for Submission of Applications | 8 |
| 18. Late Applications | 9 |
| 19. Opening of Applications | 9 |
| E. Procedures for Evaluation of Applications..... | 9 |
| 20. Confidentiality | 9 |
| 21. Clarification of Applications..... | 9 |
| 22. Responsiveness of Applications | 9 |
| 23. Domestic Bidder Price Preference | 10 |
| 24. Sub-contractors | 10 |
| F. Evaluation of Applications and Prequalification of Applicants | 10 |
| 25. Evaluation of Applications | 10 |
| 26. Employer's Right to Accept or Reject Applications..... | 13 |
| 27. Prequalification of Applicants | 13 |
| 28. Notification of Prequalification | 14 |
| 29. Invitation for Bids | 14 |
| 30. Changes in Qualifications of Applicants | 14 |

Section I. Instructions to Applicants

A. General

1. **Scope of Application**
 - 1.1 In connection with the Invitation for Prequalification¹ indicated in Section II, Prequalification Data Sheet (PDS), the Employer, as defined in the PDS, issues this Prequalification Document (“Prequalification Document”) to prospective applicants (“Applicants”) interested in submitting applications (“Applications”) for prequalification to bid for the Works described in Section VI, Scope of Works. In case the Works are to be bid as individual contracts (i.e. the slice and package procedure), these are listed in the PDS.
2. **Source of Funds**
 - 2.1 To be determined later .
3. **Corrupt and Fraudulent Practices**
 - 3.1 Compliance with Lebanese laws in regard to corrupt and fraudulent practices (Section V).
4. **Eligible Applicants**
 - 4.1 Applicants shall meet the eligibility criteria as per clause 5.1. For the purpose of applying the eligibility criteria listed in this Clause 4 and 5, references to the “Applicant” include all entities involved or intended to be involved with the proposed Works (including all partners and any of their affiliates that directly or indirectly control, or are controlled by or are under common control with the firm), specialized sub-contractors, consultants, manufacturers or suppliers (as mentioned in Form ELI-1.2 Applicant’s Party Information Form), and the personnel of each, for any part of the contract including related services.
 - 4.2 An Applicant may be a firm that is a private entity , a government-owned entity—subject to **ITA 4.9** - or a combination of such entities in the form of a joint venture (“JV”) under an existing agreement or with the intent to enter into such an agreement supported by a letter of intent. In the case of a JV, all members shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms. The JV shall nominate an authorized representative who shall have the authority to conduct all business for and on behalf of any and all the members of the JV during the prequalification process, bidding (in the event the JV submits a bid) and during contract execution (in the event the JV is awarded the Contract). Unless specified in the PDS, there is no limit on the number of members in a JV.

¹ The Invitation for Prequalification (IFP) provided information for potential bidders to decide whether to participate, including the essential items listed in the Standard Prequalification Document and also any important or specialized prequalification requirements requested to qualify for the prequalification.

- 4.3 A firm may apply for prequalification both individually, and as part of a joint venture, or as a sub-contractor. If prequalified, it will not be permitted to bid for the same contract both as an individual firm and as a part of the joint venture or as a sub-contractor. However, a firm may participate as a sub-contractor in more than one bid, but only in that capacity. Bids submitted in violation of this procedure will be rejected.
- 4.4 A firm and any of its affiliates (that directly or indirectly control, are controlled by or are under common control with that firm) may submit its application for prequalification either individually, as joint venture or as a sub-contractor among them for the same contract. However, if prequalified only one prequalified applicant will be allowed to bid for the same contract. All bids submitted in violation of this procedure will be rejected.
- 4.5 An Applicant may have the nationality of any member countries, subject to the restrictions pursuant to ITA5.1. An Applicant shall be deemed to have the nationality of a country if the Applicant is constituted, incorporated or registered in and operates in conformity with the provisions of the laws of that country, as evidenced by its articles of incorporation (or equivalent documents of constitution or association) and its registration documents, as the case may be. This criterion also shall apply to the determination of the nationality of proposed specialized sub-contractors or suppliers for any part of the Contract including related Services.
- 4.6 Applicants shall not have a conflict of interest. Applicants shall be considered to have a conflict of interest, if they participated as a consultant in the preparation of the design or technical specifications or have been hired or proposed to be hired by the Employer or Beneficiary as Engineer for contract implementation of the works that are the subject of this prequalification.
- 4.7 An Applicant shall not be under suspension from bidding by the Employer as the result of the execution of a Bid-Securing Declaration.
- 4.8 An Applicant shall provide such evidence of eligibility satisfactory to the Employer, as the Employer shall reasonably request.

5. Eligibility

- 5.1 The countries, persons or entities are ineligible if (a) as a matter of law or official regulations, the Beneficiary's country prohibits commercial relations with that country; or (b) by the Boycott Regulations of the Republic of Lebanon, the Beneficiary's country prohibits any import of goods or contracting of works or services from that country, or any payments to any country, person, or entity in that country.

B. Contents of the Prequalification Document

- 6. Sections of Prequalification Document**
- 6.1 This Prequalification Document consists of parts 1 and 2 which comprise all the sections indicated below, and which should be read in conjunction with any Addendum issued in accordance with ITA 8.
- PART 1 Prequalification Procedures
- Section I. Instructions to Applicants (ITA)
 - Section II. Prequalification Data Sheet (PDS)
 - Section III. Qualification Criteria and Requirements
 - Section IV. Application Forms
 - Section V. Corrupt and Fraudulent Practices
- PART 2 Works Requirements
- Section VI. Scope of Works
- 6.2 Unless obtained directly from the Employer, the Employer accepts no responsibility for the completeness of the document, responses to requests for clarification, the minutes of the pre-Application meeting (if any), or Addenda to the Prequalification Document in accordance with ITA 8. In case of any discrepancies, documents issued directly by the Employer shall prevail.
- 6.3 The Applicant is expected to examine all instructions, forms, and terms in the Prequalification Document and to furnish with its Application all information or documentation as is required by the Prequalification Document.
- 7. Clarification of Prequalification Document and Pre-Application Meeting**
- 7.1 A prospective Applicant requiring any clarification of the Prequalification Document shall contact the Employer in writing at the Employer's address indicated in the **PDS**. The Employer will respond in writing to any request for clarification provided that such request is received no later than fourteen (14) days prior to the deadline for submission of the applications. The Employer shall forward a copy of its response to all prospective Applicants who have obtained the Prequalification Document directly from the Employer, including a description of the inquiry but without identifying its source. If so indicated in the **PDS**, the Employer shall also promptly publish its response. Should the Employer deem it necessary to amend the Prequalification Document as a result of a clarification, it shall do so following the procedure under ITA8 and in accordance with the provisions of ITA 17.2.
- 7.2 If indicated in the **PDS**, the prospective Applicant's designated representative is invited at the Applicant's cost to attend a pre-Application meeting at the place, date and time mentioned in the

PDS. During this pre-Application meeting, prospective Applicants may request clarification of the project requirement, the criteria for qualifications or any other aspects of the Prequalification Document.

- 7.3 Minutes of the pre-Application meeting, if applicable, including the text of the questions asked by Applicants, including those during the meeting (without identifying the source) and the responses given, together with any responses prepared after the meeting will be transmitted promptly to all prospective Applicants who have obtained the Prequalification Document. Any modification to the Prequalification Document that may become necessary as a result of the pre-Application meeting shall be made by the Employer exclusively through the use of an Addendum pursuant to ITA 8. Non-attendance at the pre-Application meeting will not be a cause for disqualification of an Applicant.

**8. Amendment of
Prequalification
Document**

- 8.1 At any time prior to the deadline for submission of Applications, the Employer may amend the Prequalification Document by issuing an Addendum.
- 8.2 Any Addendum issued shall be part of the Prequalification Document and shall be announced in the same way the original announcement of invitation as per public accounting law.
- 8.3 To give prospective Applicants reasonable time to take an Addendum into account in preparing their Applications, the Employer may, at its discretion, extend the deadline for the submission of Applications in accordance with ITA 17.2.

C. Preparation of Applications

- 9. Cost of Applications** 9.1 The Applicant shall bear all costs associated with the preparation and submission of its Application. The Employer will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the prequalification process.
- 10. Language of Application** 10.1 The Application as well as all correspondence and documents relating to the prequalification exchanged by the Applicant and the Employer, shall be written in the language specified in the **PDS**. Supporting documents and printed literature that are part of the Application may be in another language, provided they are accompanied by an accurate translation of the relevant passages in the language specified in the **PDS**, in which case, for purposes of interpretation of the Application, the translation shall govern.
- 11. Documents Comprising the Application** 11.1 The Application shall comprise the following:
- (a) Application Submission Form, in accordance with ITA 12.1;
 - (b) documentary evidence establishing the Applicant's eligibility, in accordance with ITA 13.1;
 - (c) documentary evidence establishing the Applicant's qualifications, in accordance with ITA 14; and
 - (d) Any other document required as specified in the **PDS**.
- 11.2 The Applicant shall furnish information on commissions and gratuities, if any, paid or to be paid to agents or any other party relating to this Application
- 12. Application Submission Form** 12.1 The Applicant shall complete an Application Submission Form as provided in Section IV, Application Forms. This Form must be completed without any alteration to its format.
- 13. Documents Establishing the Eligibility of the Applicant** 13.1 To establish its eligibility in accordance with ITA 4, the Applicant shall complete the eligibility declarations in the Application Submission Form and Forms ELI (eligibility) 1.1 and 1.2, included in Section IV (Application Forms).
- 14. Documents Establishing the Qualifications of the Applicant** 14.1 To establish its qualifications to perform the contract(s) in accordance with Section III, Qualification Criteria and Requirements, the Applicant shall provide the information requested in the corresponding Information Sheets included in Section IV, Application Forms.
- 14.2 Wherever an Application Form requires an Applicant to state a monetary amount, Applicants should indicate the USD equivalent using the rate of exchange determined as follows:
- For construction turnover or financial data required for each year - Exchange rate prevailing on the last day of the respective calendar

year (in which the amounts for that year is to be converted) was originally established.

Value of single contract - Exchange rate prevailing on the date of the contract.

Exchange rates shall be taken from the publicly available source identified in the **PDS**. Any error in determining the exchange rates in the Application may be corrected by the Employer.

15. Signing of the Application and Number of Copies

- 15.1 The Applicant shall prepare one original of the documents comprising the Application as described in ITA 11 and clearly mark it “**ORIGINAL**”. The original of the Application shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Applicant. In case the Applicant is a JV, the Application shall be signed by an authorized representative of the JV on behalf of the JV and so as to be legally binding on all the members as evidenced by a power of attorney signed by their legally authorized signatories.
- 15.2 The Applicant shall submit copies of the signed original Application, in the number specified in the **PDS**, and clearly mark them “**COPY**”. In the event of any discrepancy between the original and the copies, the original shall prevail.

D. Submission of Applications

16. Sealing and Identification of Applications

- 16.1 Procurement method will be conducted as a restricted tender. The announcement will be made according to the public accounting law which will specify the method of application submission that include the original and the copies of the Application in a sealed envelope that shall:
- (a) bear the name and address of the Applicant;
 - (b) be addressed to the Employer, in accordance with ITA 17.1; and
 - (c) Bear the specific identification of this prequalification process indicated in the PDS 1.1.
- 16.2 The Employer will accept no responsibility for not processing any envelope that was not identified as required in ITA 16.1 above.

17. Deadline for Submission of Applications

- 17.1 Applicants submit their Applications by mail or by hand, according to the announcement details. Applications shall be received by the Employer at the address and no later than the deadline indicated in the **PDS**. When so specified in the **PDS**, Applicants have the option of submitting their Applications electronically, in accordance with electronic application submission procedures specified in the **PDS**.

17.2 The Employer may, at its discretion, extend the deadline for the submission of Applications by amending the Prequalification Document in accordance with ITA 8, in which case all rights and obligations of the Employer and the Applicants subject to the previous deadline shall thereafter be subject to the deadline as extended.

18. Late Applications

18.1 Applicants can not submit their application after the deadline for submission.

19. Opening of Applications

19.1 The Employer shall open all Applications at the date, time and place specified in the PDS. Late Applications shall be treated in accordance with ITA 18.1.

19.2 The Employer shall prepare a record of the opening of Applications to include, as a minimum, the name of the Applicants. A copy of the record shall be distributed to all Applicants.

E. Procedures for Evaluation of Applications

20. Confidentiality

20.1 Information relating to the Applications, their evaluation and result shall not be disclosed to Applicants or any other persons not officially concerned with the prequalification process until the notification of prequalification results is made to all Applicants in accordance with ITA 28.

20.2 From the deadline for submission of Applications to the time of notification of the results of the prequalification in accordance with ITA 28, any Applicant that wishes to contact the Employer on any matter related to the prequalification process (except as specified in 20.1 above), may do so only in writing.

21. Clarification of Applications

21.1 To assist in the evaluation of Applications, the Employer may, at its discretion, ask an Applicant for a clarification (including missing documents) of its Application, to be submitted within a stated reasonable period of time. Any request for clarification from the Employer and all clarifications from the Applicant shall be in writing.

21.2 If an Applicant does not provide clarifications and/or documents requested by the date and time set in the Employer's request for clarification, its Application shall be evaluated based on the information and documents available at the time of evaluation of the Application.

22. Responsiveness of Applications

22.1 The Employer may reject any Application which is not responsive to the requirements of the Prequalification Document. In case the information furnished by the Applicant is incomplete or otherwise requires clarification as per ITA 21.1, and the Applicant fails to provide satisfactory clarification and/or missing information, it may

result in disqualification of the Applicant.

- 23. Domestic Bidder Price Preference**
- 23.1 Unless otherwise specified in the **PDS**, a margin of preference for domestic bidders² shall not apply in the bidding process resulting from this prequalification.
- 24. Sub-contractors**
- 24.1 Unless otherwise stated in the **PDS**, the Employer does not intend to execute any specific elements of the Works by sub-contractors selected in advance by the Employer.
- 24.2 The Employer may decide to permit subcontracting for certain specialized works as indicated in Section III 4.2, Experience. The Employer may do so at its own initiative or at the request of the Applicants during the prequalification process (if justified). When subcontracting is permitted by the Employer, the specialized sub-contractors experience shall be considered for evaluation. Section III describes the qualification criteria for sub-contractors.
- 24.3 Applicants may propose subcontracting to the percentage of the total value of the contract or the volume of works mentioned in the **PDS** and as further described in ITA 25.2.

F. Evaluation of Applications and Prequalification of Applicants

- 25. Evaluation of Applications**
- 25.1 The Employer shall use the factors, methods, criteria, and requirements defined in Section III, Qualification Criteria and Requirements, to evaluate the qualifications of the Applicants, and no other methods, criteria, or requirements shall be used. The Employer reserves the right to waive minor deviations from the qualification criteria if they do not materially affect the technical capability and financial resources of an Applicant to perform the contract.
- 25.2 Applicants planning to subcontract more than 10% of total volume of work shall specify, in the Application Submission Form, the activity (ies) or parts of the works to be subcontracted along with complete details of the sub-contractors and their qualification and experience. The sub-contractors proposed shall be fully qualified for their work proposed, and meet the specified criteria in Section III, failing which such sub-contractors will not be permitted to participate. The qualification and experience of sub-contractors proposed by the Applicant under ITA 24.3 will not be considered for evaluation of the

²An individual firm is considered a domestic bidder for purposes of the margin of preference if it is registered or incorporated in the member country of the Employer, has more than 50 percent ownership by nationals of the member country of the Employer, and if it does not subcontract more than 10 percent of the contract price, excluding provisional sums, to foreign contractors. JVs are considered as domestic bidders and eligible for domestic preference only if the individual member firms are registered in the member country of the Employer, have more than 50 percent ownership by nationals of the country of the Employer, and the JV shall be registered in the country of the Beneficiary. The JV shall not subcontract more than 10 percent of the contract price, excluding provisional sums, to foreign firms. JVs between foreign and national firms will not be eligible for domestic preference.

Applicant. The Applicant on its own (without taking into account the qualification and experience of the sub-contractor) should meet the prequalification criteria.

- 25.3 In case of multiple contracts, Applicants should indicate in their Applications the individual contract or combination of contracts in which they are interested. The Employer shall prequalify each Applicant for the maximum combination of contracts for which the Applicant has thereby indicated its interest and for which the Applicant meets the appropriate aggregate requirements. The Qualification Criteria and Requirements are mentioned in Section III. However, with respect to the specific experience under item 4.2 (a) of Section III, the Employer will select any one or more of the options as identified below:

N is the minimum number of contracts

V is the minimum value of a single contract

(a) Prequalification for one Contract:

Option 1: (i) N contracts, each of minimum value V;

Or

Option 2: (i) N contracts, each of minimum value V, Or

- (ii) Less than or equal to N contracts, each of minimum value V, but with total value of all contracts equal or more than $N \times V$;

(b) Prequalification for multiple Contracts

Option 1: (i) Minimum requirements for combined contract(s) shall be the aggregate requirements for each contract for which the applicant has applied for as follows, and N_1, N_2, N_3 , etc. shall be different contracts:

Lot 1: N_1 contracts, each of minimum value V_1 ;

Lot 2: N_2 contracts, each of minimum value V_2 ;

Lot 3: N_3 contracts, each of minimum value V_3 ;

---etc.

Or

Option 2: (i) Minimum requirements for combined contract(s)

shall be the aggregate requirements for each contract for which the applicant has applied for as follows, and N1,N2,N3, etc. shall be different contracts:

Lot 1: N1 contracts, each of minimum value V1;

Lot 2: N2 contracts, each of minimum value V2;

Lot 3: N3 contracts, each of minimum value V3;

----etc, Or

(ii) Lot 1: N1 contracts, each of minimum value V1; or number of contracts less than or equal to N1, each of minimum value V1, but with total value of all contracts equal or more than $N1 \times V1$

Lot 2: N2 contracts, each of minimum value V2; or number of contracts less than or equal to N2, each of minimum value V2, but with total value of all contracts equal or more than $N2 \times V2$

Lot 3: N3 contracts, each of minimum value V3; or number of contracts less than or equal to N3, each of minimum value V3, but with total value of all contracts equal or more than $N3 \times V3$

----etc.

Or

Option 3: (i) Minimum requirements for combined contract(s) shall be the aggregate requirements for each contract or which the applicant has applied for as follows, and N1,N2,N3, etc. shall be different contracts:

Lot 1: N1 contracts, each of minimum value V1;

Lot 2: N2 contracts, each of minimum value V2;

Lot 3: N3 contracts, each of minimum value V3;

----etc, Or

- (ii) Lot 1: N1 contracts, each of minimum value V1; or number of contracts less than or equal to N1, each of minimum value V1, but with total value of all contracts equal or more than $N1 \times V1$

Lot 2: N2 contracts, each of minimum value V2; or number of contracts less than or equal to N2, each of minimum value V2, but with total value of all contracts equal or more than $N2 \times V2$

Lot 3: N3 contracts, each of minimum value V3; or number of contracts less than or equal to N3, each of minimum value V3, but with total value of all contracts equal or more than $N3 \times V3$

----etc, Or

- (iii) Subject to compliance as per (ii) above with respect to minimum value of single contract for each lot, total number of contracts is equal or less than $N1 + N2 + N3$ ---but the total value of all such contracts is equal or more than $N1 \times V1 + N2 \times V2 + N3 \times V3$ +---

25.4 Only the qualifications of the Applicant shall be considered. In particular, the qualifications of a parent or other affiliated company that is not party to the Applicant under a JV in accordance with ITA 4.2 (or participating as a sub-contractor as per ITA 25.2) shall not be considered.

26. Employer's Right to accept or Reject Applications

26.1 The Employer reserves the right to accept or reject any Application, and to annul the prequalification process and reject all Applications at any time, without thereby incurring any liability to the Applicants.

27. Prequalification of Applicants

27.1 All Applicants who's Applications substantially meet or exceed the specified qualification requirements will be prequalified by the Employer.

27.2 An Applicant may be "conditionally prequalified," that is, qualified subject to the Applicant submitting or correcting certain specified nonmaterial documents or deficiencies to the satisfaction of the Employer.

27.3 Applicants that are conditionally prequalified will be so informed along with the statement of the condition(s) which must be met to the satisfaction of the Employer before or at the time of submitting their

bids.

28. Notification of Prequalification

28.1 The Employer shall notify all Applicants in writing of the names of those Applicants who have been prequalified or conditionally prequalified. In addition, those Applicants who have been disqualified will be informed separately.

28.2 Applicants that have not been prequalified may write to the Employer to request, in writing, the grounds on which they were disqualified.

29. Invitation for Bids

29.1 Promptly after the notification of the results of the prequalification, the Employer shall invite bids from all the Applicants that have been prequalified or conditionally prequalified.

30. Changes in Qualifications of Applicants

30.1 Any change in the structure or formation of an Applicant after being prequalified in accordance with ITA 27 and invited to bid (including, in the case of a JV, any change in the structure or formation of any member thereto) shall be subject to the written approval of the Employer prior to the deadline for submission of bids. Such approval shall be denied if (i) a prequalified applicant proposes to associate with a disqualified applicant or in case of a disqualified joint venture, any of its members; (ii) as a consequence of the change, the Applicant no longer substantially meets the qualification criteria set forth in Section III, Qualification Criteria and Requirements; or (iii) in the opinion of the Employer, the change may result in a substantial reduction in competition. Any such change should be submitted to the Employer not later than fourteen (14) days after the date of the Invitation for Bids.

31. Additional Prequalification of Applicants

31.1 The Employer reserves the right to conduct another prequalification invitation at any time, at least 3 months before starting the bid.

Section II. Prequalification Data Sheet

A. General

| | |
|----------------|---|
| ITA 1.1 | <p>The identification of the Invitation for Prequalification is: ----- (<i>Insert reference</i>)</p> <p>The Employer is: : <i>The Ministry of Defense of the Republic of Lebanon (MoD)</i></p> <p><i>Att:</i> General administration directorate (GAD)</p> <p><i>Address:</i> <i>Ministry of Defense (MoD)</i> ----- (<i>Insert full address</i>)</p> <p><i>Tel.+961-----</i></p> <p><i>Fax.+961-----</i></p> <p><i>Email:-----</i></p> <p style="text-align: center;"><u><i>Not Applicable for legal notification</i></u></p> <p>The list of contracts is: <i>Consultancy for the Construction and Supply and Installation of Medical Equipment and Furniture at ----- Military Hospital</i></p> <p>ICB/MC name and number are: ----- (<i>Insert reference</i>)</p> |
| ITA 2.1 | <p>The name of the Beneficiary is: <i>Ministry Of Defense</i></p> <p>The name of the Project is:</p> <p><i>Consultancy for the Construction and Supply and Installation of Medical Equipment and Furniture at ----- Military Hospital</i></p> |
| ITA 4.2 | <p>Maximum number of members in the JV shall be: <i>Two</i></p> |

| B. Contents of the Prequalification Document | |
|---|--|
| ITA 7.1 | <p>For clarification purposes, the Employer's address is:</p> <p><i>Att.: The ----- of the MoD</i></p> <p><i>Address: Ministry of Defense (MoD)</i></p> <p><i>----- (insert full address)</i></p> <p><i>Tel.+961-----</i></p> <p><i>Fax.+961-----</i></p> <p><i>Email:-----</i></p> <p><i>Not Applicable for legal notification</i></p> |
| ITA 7.2 | <p>Pre-Application Meeting will be held <i>(insert Date and Place)</i></p> |

| C. Preparation of Applications | |
|---------------------------------------|---|
| ITA 10.1 | <p>This Prequalification document has been issued in the <i>English</i> language.</p> <p>All correspondence exchange shall be in <i>English</i> language.</p> <p>The Application as well as all correspondences shall be submitted in <i>English</i>.</p> |
| ITA 11.1 (d) | The Applicant shall submit with its Application, the following additional documents: Client's Certificates and Audited Balance Sheets |
| ITA 14.2 | The source for determining exchange rates is : <i>Central Bank of Lebanon</i> |
| ITA 15.2 | In addition to the original, the number of copies to be submitted with the Application is: <i>Two Copies</i> . |

| D. Submission of Applications | |
|--------------------------------------|---|
| ITA 17.1 | <p>The deadline for Application submission is:</p> <p>Date: <i>[insert date]</i></p> <p>Time: <i>[insert time]</i></p> <p>Applicants shall not have the option of submitting their Applications electronically.</p> <p>For application submission purposes only, the Employer's address is the same as that indicated in 1.1 :</p> <p>Att.: The ----- of the MoD</p> <p>Address: Ministry of Defense (MoD)</p> <p style="padding-left: 40px;">----- (Insert full address)</p> <p style="padding-left: 40px;">Tel.+961-----</p> <p style="padding-left: 40px;">Fax.+961-----</p> <p style="padding-left: 40px;">Email: -----</p> <p style="text-align: center;">Not Applicable for legal notification</p> |
| ITA 18.1 | <i>Late Applications will be returned unopened to the Applicants.</i> |
| ITA 19.1 | The opening of the Applications shall be at <i>[Insert date, time and address]</i> |

| E. Procedures for Evaluation of Applications | |
|---|--|
| ITA 23.1 | A margin of preference <i>shall not</i> apply for eligible domestic bidders. |
| ITA 24.1 | At this time the Employer does <i>not intend</i> to execute certain specific parts of the Works by sub-contractors selected in advance. |
| ITA 24.3 | <p>Maximum percentage of subcontracting permitted is 20% of the total value of the contract.</p> <p>Applicants planning to subcontract more than 10% of total volume of works shall specify, in the Application Submission Form, the activity (ies) or parts of the works to be subcontracted along with complete details of the sub-contractors and their qualification and experience. The qualification and experience of the sub-contractors must meet the minimum criteria for the relevant works to be subcontracted failing which such sub-contractors will not be permitted to participate.</p> <p>Sub-contractors' qualification and experience will not be considered for evaluation of the Applicant. The Applicant on its own (without taking into account the qualification and experience of the sub-contractor) should meet the prequalification criteria.</p> |

Section III. Qualification Criteria and Requirements

This Section contains all the methods, criteria, and requirements that the Employer shall use to evaluate Applications. The information to be provided in relation to each requirement and the definitions of the corresponding terms are included in the respective Application Forms.

Contents

| | |
|--|----|
| 1. Eligibility | 21 |
| 2. Historical Contract Non-Performance | 22 |
| 3. Financial Situation | 23 |
| 4. Experience..... | 25 |

| Eligibility and Qualification Criteria | | | Compliance Requirements | | | | Documentation |
|--|--|---|-------------------------|--------------------------------------|-----------------------|------------|---|
| No. | Subject | Requirement | Single Entity | Joint Venture (existing or intended) | | | Submission Requirements |
| | | | | All Parties Combined | Each Member | One Member | |
| 1. Eligibility | | | | | | | |
| 1.1 | Nationality | Nationality in accordance with ITA 4.5 | Must meet requirement | Must meet requirement | Must meet requirement | N/A | Forms ELI – 1.1 and 1.2, with attachments |
| 1.2 | Conflict of Interest | No conflicts of interest in accordance with ITA 4.6 | Must meet requirement | Must meet requirement | Must meet requirement | N/A | Application Submission Form |
| 1.3 | Beneficiary's country Eligibility | Not having been declared ineligible by the Beneficiary's country, as described in ITA 5.1 | Must meet requirement | Must meet requirement | Must meet requirement | N/A | Application Submission Form |
| 1.4 | Beneficiary's country law or Boycott Regulations. | Not having been excluded as a result of prohibition in the Beneficiary's country laws or official regulations against commercial relations with the Applicant's country, or the Boycott Regulations Republic of Lebanon, both in accordance with ITA 5.1. | Must meet requirement | Must meet requirement | Must meet requirement | N/A | Forms ELI – 1.1 and 1.2, with attachments |

| Eligibility and Qualification Criteria | | | Compliance Requirements | | | | Documentation |
|---|--|---|------------------------------------|--------------------------------------|------------------------------------|------------|-----------------------------|
| No. | Subject | Requirement | Single Entity | Joint Venture (existing or intended) | | | Submission Requirements |
| | | | | All Parties Combined | Each Member | One Member | |
| 2. Historical Contract Non-Performance | | | | | | | |
| 2.1 | History of Non-Performing Contracts | Non-performance of a contract ³ did not occur as a result of contractor's default since 1 st January 2007 . | Must meet requirement ⁴ | Must meet requirements | Must meet requirement ⁴ | N/A | Form CON-2 |
| 2.2 | Suspension Based on Execution of Bid Securing Declaration by the Employer | Not under suspension based on execution of a Bid Securing Declaration pursuant to ITA 4.10. | Must meet requirement | Must meet requirement | Must meet requirement | N/A | Application Submission Form |
| 2.3 | Pending Litigation | Applicant's financial position and prospective long term profitability still sound according to criteria established in 3.1 below and assuming that all pending litigation will be resolved against the Applicant | Must meet requirement | N/A | Must meet requirement | N/A | Form CON – 2 |
| 2.4 | Litigation History | No consistent history of court/arbitral award decisions | Must meet requirement | Must meet requirement | Must meet requirement | N/A | Form CON – 2 |

³Non performance, as decided by the Employer, shall include all contracts where (a) non-performance was not challenged by the consultant, including through referral to the dispute resolution mechanism under the respective contract, and (b) contracts that were so challenged but fully settled against the consultant. Non performance shall not include contracts where Employers decision was overruled by the dispute resolution mechanism. Non performance must be based on all information on fully settled disputes or litigation, i.e. dispute or litigation that has been resolved in accordance with the dispute resolution mechanism under the respective contract and where all appeal instances available to the applicant have been exhausted.

⁴ This requirement also applies to contracts executed by the Applicant as JV member.

| Eligibility and Qualification Criteria | | | Compliance Requirements | | | | Documentation |
|--|--|--|-------------------------|--------------------------------------|---|---|-------------------------|
| No. | Subject | Requirement | Single Entity | Joint Venture (existing or intended) | | | Submission Requirements |
| | | | | All Parties Combined | Each Member | One Member | |
| | | finance to meet the cash flow requirements on works currently in progress and for future contract commitments. (iii) The audited balance sheets or, if not required by the laws of the Applicant's country, other financial statements acceptable to the Employer, for the last Five years shall be submitted and must demonstrate the current soundness of the Applicant's financial position and indicate its prospective long-term profitability. | Must meet requirement | N/A | Must meet requirement | Must meet requirement | |
| 3.2 | Average Annual Project Studies Turnover | Minimum average annual Studies turnover of US\$ 1,500,000 (one millions and five hundred thousand USD) , calculated as total certified payments received for contracts in progress and/or completed within the | Must meet requirement | Must meet requirement | Must meet 50% (Fifty percent) of the requirement | Must meet 50% (Fifty percent) of the requirement | Form FIN – 3.2 |

| Eligibility and Qualification Criteria | | | Compliance Requirements | | | Documentation | |
|--|---|---|-------------------------|--------------------------------------|--|--|-------------------------|
| No. | Subject | Requirement | Single Entity | Joint Venture (existing or intended) | | | Submission Requirements |
| | | | | All Parties Combined | Each Member | One Member | |
| | | last 5 years, Five years. | | | | | |
| 4. Experience | | | | | | | |
| 4.1 (a) | Studies for General Construction Experience | Experience under construction contracts in the role of prime contractor or JV member for at least the last Ten years, starting 1 st January 2007 . | Must meet requirement | N/A | Must meet requirement | Must meet requirement | Form EXP – 4.1 |
| 4.2 (a) | Studies for Specific Construction & Contract Management Experience | (i) A minimum number of similar ⁶ contracts specified below that have been satisfactorily and substantially ⁷ completed as a prime contractor or joint venture member ⁸ , 10 years before submission deadline: Min of One study for a contract of Construction and Supply and Installation of Medical Equipment with a minimum | Must meet requirement | Must meet requirement. | Must meet 50% (Fifty percent) of the requirement | Must meet 50% (Fifty percent) of the requirement | Form EXP 4.2(a) |

⁶The similarity shall be based on the physical size, complexity, methods/technology and/or other characteristics described in Section VI, Scope of Works. Summation of number of small value contracts (less than the value specified under requirement) to meet the overall requirement will not be accepted.

⁷ Substantial completion shall be based on 80% or more works completed under the contract.

⁸ For contracts under which the Applicant participated as a joint venture member, only the Applicant's share, by value, shall be considered to meet this requirement.

| Eligibility and Qualification Criteria | | | Compliance Requirements | | | Documentation | |
|--|---------|--|-------------------------|--------------------------------------|-------------|---------------|-------------------------|
| No. | Subject | Requirement | Single Entity | Joint Venture (existing or intended) | | | Submission Requirements |
| | | | | All Parties Combined | Each Member | One Member | |
| | | value of 60,000,000 Sixty million USD. | | | | | |
| 4.2 (b) | | For the above and any other contracts completed and under implementation as prime contractor or joint venture member 10 years before submission deadline, minimum construction experience in the following key activities successfully completed ¹² . | Must meet requirements | Must meet requirements | N/A | N/A | Form EXP – 4.2 (b) |

Section IV. Application Forms

Table of Forms

| | |
|--|----|
| Application Submission Form | 28 |
| Applicant Information Form | 30 |
| Applicant's Party Information Form | 31 |
| Historical Contract Non-Performance | 32 |
| Financial Situation& Performance..... | 34 |
| Average Annual Construction Turnover..... | 36 |
| General Construction Experience | 37 |
| Similar Construction Experience | 38 |
| Construction Experience in Key Activities..... | 40 |

Application Submission Form

Date: *[insert day, month, and year]*

ICB/MC No. and title: *[insert ICB number and title]*

To: *[insert full name of Employer]*

We, the undersigned, apply to be prequalified for the referenced ICB and declare that:

- (a) We have examined and have no reservations to the Prequalification Document, including Addendum(s) No(s), issued in accordance with Instructions to Applicants (ITA) 8: *[insert the number and issuing date of each addendum]*.
- (b) We have no conflict of interest in accordance with ITA 4.6;
- (c) We meet the eligibility requirements as stated ITA 4.1; we have not been suspended by the Employer based on execution of a Bid Securing Declaration in accordance with ITA 4.10;
- (d) We, in accordance with ITA 24.2, plan to subcontract the following key activities and/or parts of the works:

[Insert any of the key activities identified in Section III- 4.2(a) or (b) which the Employer has permitted under the Prequalification document and which the Applicant intends to subcontract along with complete details of the sub-contractors, their qualification and experience]

- (e) We declare that the following commissions, gratuities, or fees have been paid or are to be paid with respect to the prequalification process, the corresponding bidding process or execution of the Contract:

| <u>Name of Recipient</u> | <u>Address</u> | <u>Reason</u> | <u>Amount</u> |
|---|---|--------------------------|--|
| <i>[insert full name for each occurrence]</i> | <i>[insert street/ number/city/country]</i> | <i>[indicate reason]</i> | <i>[specify amount currency, value, exchange rate and US\$ equivalent]</i> |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

[If no payments are made or promised, add the following statement: "No commissions or gratuities have been or are to be paid by us to agents or any third party relating to this Application"].

- (f) We understand that you may cancel the prequalification process at any time and that you are neither bound to accept any Application that you may receive nor to invite the prequalified Applicants to bid for the contract subject of this prequalification process, without incurring any liability to the Applicants, in accordance with ITA 26.1.
- (g) All information, statements and description contained in the Application are in all respect true, correct and complete to the best of our knowledge and belief.

Signed *[insert signature(s) of an authorized representative(s) of the Applicant]*

Name *[insert full name of person signing the Application]*

In the capacity of *[insert capacity of person signing the Application]*

Duly authorized to sign the Application for and on behalf of:

Applicant's Name *[insert full name of Applicant or the name of the JV]*

Address *[insert street number/town or city/country address]*

Dated on *[insert day number]* day of *[insert month]*, *[insert year]*

[For an a joint venture, either all members shall sign or only the authorized representative, in which case the power of attorney to sign on behalf of all members shall be attached]

Form ELI -1.1

Applicant Information Form

Date: *[insert day, month, year]*

ICB/MC No. and title: *[insert ICB/MC number and title]*

Page *[insert page number]* of *[insert total number]* pages

| |
|---|
| Applicant's name <i>[insert full name]</i> |
| In case of Joint Venture (JV), name of each member: <i>[insert full name of each member in JV]</i> |
| Applicant's actual or intended country of registration: <i>[indicate country of Constitution]</i> |
| Applicant's actual or intended year of incorporation: <i>[indicate year of Constitution]</i> |
| Applicant's legal address [in country of registration]: <i>[insert street/ number/ town or city/ country]</i> |
| Applicant's authorized representative information Name: <i>[insert full name]</i> Address: <i>[insert street/ number/ town or city/ country]</i> Telephone/Fax numbers: <i>[insert telephone/fax numbers, including country and city codes]</i> E-mail address: <i>[indicate e-mail address]</i> |
| 1. Attached are copies of original documents of <ul style="list-style-type: none"> <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of registration of the legal entity named above, in accordance with ITA 4.5. <input type="checkbox"/> In case of JV, letter of intent to form JV or JV agreement, in accordance with ITA 4.2. <input type="checkbox"/> In case of Government-owned enterprise or institution, in accordance with ITA 4.9 documents establishing: <ul style="list-style-type: none"> • Legal and financial autonomy • Operation under commercial law • Establishing that the Applicant is not dependent agency of the Employer |
| 2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership. |

Form ELI -1.2

Applicant's Party Information Form

[The following form is additional to Form ELI – 1.1., and shall be completed to provide information relating to each JV member (in case the Applicant is a JV) as well as any Specialized Sub-contractor proposed to be used by the Applicant for any part of the Contract resulting from this prequalification]

Date: *[insert day, month, year]*

ICB/MC No. and title: *[insert ICB/MC number and title]*

Page *[insert page number]* of *[insert total number]* pages

| |
|--|
| Applicant name: <i>[insert full name]</i> |
| Applicant's Party name: <i>[insert full name of Applicant's Party]</i> |
| Applicant's Party country of registration: <i>[indicate country of registration]</i> |
| Applicant Party's year of constitution: <i>[indicate year of constitution]</i> |
| Applicant Party's legal address in country of constitution: <i>[insert street/ number/ town or city/ country]</i> |
| Applicant Party's authorized representative information Name: <i>[insert full name]</i> Address: <i>[insert street/ number/ town or city/ country]</i> Telephone/Fax numbers: <i>[insert telephone/fax numbers, including country and city codes]</i> E-mail address: <i>[indicate e-mail address]</i> |
| 1. Attached are copies of original documents of <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or registration documents of the legal entity named above, in accordance with ITA 4.5. <input type="checkbox"/> In case of a Government-owned enterprise or institution, documents establishing legal and financial autonomy, operation in accordance with commercial law, and absence of dependent status, in accordance with ITA 4.9. |
| 2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership. |

Form CON – 2

Historical Contract Non-Performance, Pending Litigation and Litigation History

[The following table shall be filled in for the Applicant and for each member of a Joint Venture]

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Party Name: *[insert full name]*

ICB/MC No. and title: *[insert ICB/MC number and title]*

Page *[insert page number]* of *[insert total number]* pages

| Non-Performed Contracts in accordance with Section III, Qualification Criteria and Requirements | | | |
|---|---------------------------------------|---|--|
| <input type="checkbox"/> Contract non-performance did not occur since 1 st January <i>[insert year]</i> specified in Section III, Qualification Criteria and Requirements, Sub-Factor 2.1. | | | |
| <input type="checkbox"/> Contract(s) not performed since 1 st January <i>[insert year]</i> specified in Section III, Qualification Criteria and Requirements, requirement 2.1 | | | |
| Year | Non-performed portion of contract | Contract Identification | Total Contract Amount (current value, currency, exchange rate and US\$ equivalent) |
| <i>[insert year]</i> | <i>[insert amount and percentage]</i> | Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Reason(s) for non-performance: <i>[indicate main reason(s)]</i> | <i>[insert amount]</i> |
| Pending Litigation, in accordance with Section III, Qualification Criteria and Requirements | | | |
| <input type="checkbox"/> No pending litigation in accordance with Section III, Qualification Criteria and Requirements, Sub-Factor 2.2. | | | |
| <input type="checkbox"/> Pending litigation in accordance with Section III, Qualification Criteria and Requirements, Sub-Factor 2.2 as indicated below. | | | |

| Year of dispute | Amount in dispute (currency) | Contract Identification | Total Contract Amount (currency), USD Equivalent (exchange rate) |
|---|---|---|---|
| <i>[insert year]</i> | <i>[insert amount]</i> | <p>Contract Identification: <i>[indicate complete contract name, number, and any other identification]</i></p> <p>Name of Employer: <i>[insert full name]</i></p> <p>Address of Employer: <i>[insert street/city/country]</i></p> <p>Matter in dispute: <i>[indicate main issues in dispute]</i></p> <p>Party who initiated the dispute: <i>[indicate "Employer" or "Contractor"]</i></p> <p>Status of dispute: <i>[Indicate if it is being treated by the Adjudicator, under Arbitration or being dealt with by the Judiciary]</i></p> | <i>[insert amount]</i> |
| <p><input type="checkbox"/> No pending litigation in accordance with Section III, Qualification Criteria and Requirements, Sub-Factor 2.2.</p> <p><input type="checkbox"/> Pending litigation in accordance with Section III, Qualification Criteria and Requirements, Sub-Factor 2.2 as indicated below.</p> | | | |
| Year of award | Outcome as percentage of Net Worth | Contract Identification | Total Contract Amount (currency), USD Equivalent (exchange rate) |
| <i>[insert year]</i> | <i>[insert percentage]</i> | <p>Contract Identification: <i>[indicate complete contract name, number, and any other identification]</i></p> <p>Name of Employer: <i>[insert full name]</i></p> <p>Address of Employer: <i>[insert street/city/country]</i></p> <p>Matter in dispute: <i>[indicate main issues in dispute]</i></p> <p>Party who initiated the dispute: <i>[indicate "Employer" or "Contractor"]</i></p> <p>Status of dispute: <i>[Indicate if it is being treated by the Adjudicator, under Arbitration or being dealt with by the Judiciary]</i></p> | <i>[insert amount]</i> |

Form FIN – 3.1 Financial Situation and Performance

[The following table shall be filled in for the Applicant and for each member of a Joint Venture]

Applicant's Name: *[insert full name]*

Date: *[insert day, month, and year]*

Applicant's Party Name: *[insert full name]*

ICB/MC No. and title: *[insert ICB number and title]*

Page *[insert page number]* of *[insert total number]* pages

1. Financial data

| Type of Financial information in (currency) | Historic information for previous <i>[insert number]</i> years, <i>[insert in words]</i> (amount in currency, currency, exchange rate*, USD equivalent) | | | | |
|--|--|--------|--------|-------|--------|
| | Year 1 | Year 2 | Year 3 | Year4 | Year 5 |
| Statement of Financial Position (Information from Balance Sheet) | | | | | |
| Total Assets (TA) | | | | | |
| Total Liabilities (TL) | | | | | |
| Total Equity/Net Worth (NW) | | | | | |
| Current Assets (CA) | | | | | |
| Current Liabilities (CL) | | | | | |
| Working Capital (WC) | | | | | |
| Information from Income Statement | | | | | |
| Total Revenue (TR) | | | | | |
| Profits Before Taxes (PBT) | | | | | |
| Cash Flow Information | | | | | |
| Cash Flow from Operating Activities | | | | | |

* Refer ITA 14 for the exchange rate

2. Sources of Finance

[The following table shall be filled in for the Applicant and all parties combined in case of a Joint Venture]

Specify sources of finance to meet the cash flow requirements on works currently in progress and for future contract commitments.

| No. | Source of finance | Amount (US\$ equivalent) |
|-----|-------------------|--------------------------|
| 1 | | |
| 2 | | |
| 3 | | |
| | | |

3. Financial documents

The Applicant and its parties shall provide copies of financial statements for *[5]* years pursuant Section III, Qualifications Criteria and Requirements, Sub-factor 3.1. The financial statements shall:

- (a) Reflect the financial situation of the Applicant or in case of JV member, and not an affiliated entity (such as parent company or group member).
- (b) Be independently audited or certified in accordance with local legislation.
- (c) Be complete, including all notes to the financial statements.
- (d) Correspond to accounting periods already completed and audited.

Attached are copies of financial statements⁹ for the *[5]* years required above; and complying with the requirements

⁹ If the most recent set of financial statements is for a period earlier than 12 months from the date of application, the reason for this should be justified.

Form FIN - 3.2

Average Annual Studies for Construction Turnover

[The following table shall be filled in for the Applicant and for each member of a Joint Venture]

Applicant's/Joint Venture Member's Name: *[insert full name]*

Date: *[insert day, month, year]*

Applicant's Party Name: *[insert full name]*

ICB/MC No. and title: *[insert ICB/MC number and title]*

Page *[insert page number]* of *[insert total number]* pages

| Annual turnover data (Studies for construction) | | | |
|--|--|--|-----------------------|
| Year | Amount Currency | Exchange rate* | USD equivalent |
| <i>[indicate calendar year]</i> | <i>[insert amount and indicate currency]</i> | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | Average Annual Studies for Construction Turnover ** | |

* Refer ITA 14 for date and source of exchange rate.

** Total USD equivalent for all years divided by the total number of years. See Section III, Qualification Criteria and Requirements, Clause 3.2.

Form EXP - 4.1

Studies for General Construction Experience

[The following table shall be filled in for the Applicant and in the case of a JV Applicant, each Member]

Applicant's/Joint Venture Member's Name: *[insert full name]*

Date: *[insert day, month, year]*

Applicant JV Party Name: *[insert full name]*

ICB/MC No. and title: *[insert ICB number]*

Page *[insert page number]* of *[insert total number]* pages

[Identify contracts that demonstrate continuous construction work over the past [number] years pursuant to Section III, Qualification Criteria and Requirements, Sub-Factor 4.1. List contracts chronologically, according to their commencement (starting) dates.]

| Starting Year | Ending Year | Contract Identification | Role of Applicant |
|------------------------|------------------------|--|--|
| <i>[indicate year]</i> | <i>[indicate year]</i> | Contract name: <i>[insert full name]</i> Brief Description of the Works performed by the Applicant: <i>[describe works performed briefly]</i> Amount of contract: <i>[insert amount in currency, mention currency used, exchange rate and US\$ or equivalent*]</i> Name of Employer: <i>[indicate full name]</i> Address: <i>[indicate street/number/town or city/country]</i> | <i>[insert "Prime Contractor" or "JV Member" or "Sub-contractor" or "Management Contractor"]</i> |
| | | Contract name: <i>[insert full name]</i> Brief Description of the Works performed by the Applicant: <i>[describe works performed briefly]</i> Amount of contract: <i>[insert amount in currency, mention currency used, exchange rate and US\$ or equivalent*]</i> Name of Employer: <i>[indicate full name]</i> Address: <i>[indicate street/number/town or city/country]</i> | <i>[insert "Prime Contractor" or "JV Member" or "Sub-contractor" or "Management Contractor"]</i> |
| | | Contract name: <i>[insert full name]</i> Brief Description of the Works performed by the Applicant: <i>[describe works performed briefly]</i> Amount of contract: <i>[insert amount in currency, mention currency used, exchange rate and US\$ or equivalent*]</i> Name of Employer: <i>[indicate full name]</i> Address: <i>[indicate street/number/town or city/country]</i> | <i>[insert "Prime Contractor" or "JV Member" or "Sub-contractor" or "Management Contractor"]</i> |

* Refer ITA 14 for date and source of exchange rate.

Form EXP - 4.2 (a)

Studies for Specific Construction and Contract Management Experience

[The following table shall be filled in for contracts performed by the Applicant, each member of a Joint Venture, and Specialized Sub-contractors]

Applicant's/Joint Venture Member's Name: *[insert full name]*

Date: *[insert day, month, year]*

JV Party Name: *[insert full name]*

ICB/MC No. and title: *[insert ICB/MC number and title]*

Page *[insert page number]* of *[insert total number]* pages

| Similar Contract No. <i>[insert number] of [insert number of similar contracts required]</i> | Information | | | |
|--|--|---|--|--|
| Contract Identification | <i>[insert contract name and number, if applicable]</i> | | | |
| Award date | <i>[insert day, month, year, i.e., 15 June, 2015]</i> | | | |
| Completion date | <i>[insert day, month, year, i.e., 03 October, 2017]</i> | | | |
| Role in Contract <i>[check the appropriate box]</i> | Prime Contractor <input type="checkbox"/> | Member in JV <input type="checkbox"/> | Management Contractor <input type="checkbox"/> | Sub-contractor <input type="checkbox"/> |
| Total Contract Amount | <i>[insert total contract amount in local currency]</i> | | US\$ <i>[insert Exchange rate and total contract amount in US\$ equivalent]*</i> | |
| If member in a JV or sub-contractor, specify participation in total Contract amount | <i>[insert a percentage amount]</i> | <i>[insert total contract amount in local currency]</i> | <i>[insert exchange rate and total contract amount in US\$ equivalent]*</i> | |
| Employer's Name: | <i>[insert full name]</i> | | | |
| Address: | <i>[indicate street / number / town or city / country]</i> | | | |
| Telephone/fax number | <i>[insert telephone/fax numbers, including country and city area codes]</i> | | | |
| E-mail: | <i>[insert e-mail address, if available]</i> | | | |

*Refer ITA 14 for date and source of exchange rate.

Form EXP - 4.2(a) (cont.)
Studies for Specific Construction and Contract
Management Experience (cont.)

| Similar Contract No. <i>[insert number] of [insert number of similar contracts required]</i> | Information |
|--|---|
| Description of the similarity in accordance with Sub-Factor 4.2(a) of Section III: | |
| 1. Amount | <i>[insert amount in local currency, exchange rate, US\$ in words and in Figures]</i> |
| 2. Physical size of required works items | <i>[insert physical size of items]</i> |
| 3. Complexity | <i>[insert description of complexity]</i> |
| 4. Methods/Technology | <i>[insert specific aspects of the methods/technology involved in the contract]</i> |
| 5. Studies for Construction rate for key activities | <i>[insert rates and items]</i> |
| 6. Other Characteristics | <i>[insert other characteristics as described in Section VI, Scope of Works]</i> |

Form EXP - 4.2 (b)

Studies for Construction Experience in Key Activities

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Applicant's Party Name: *[insert full name]*

Sub-contractor's Name¹⁰ (as per ITA 24.2 and 24.3): *[insert full name]*

ICB/MC No. and title: *[insert ICB/MC number and title]*

Page *[insert page number]* of *[insert total number]* pages

All Sub-contractors for key activities must complete the information in this form as per ITA 24.2 and 24.3 and Section III, Qualification Criteria and Requirements, Clause 4.2.

1. Key Activity No. One: *[insert brief description of the Activity, emphasizing its specificity]*

Total Quantity of Activity under the contract: _____

| | | Information | | | |
|---|--|---|---|---|--|
| Contract Identification | | <i>[insert contract name and number, if applicable]</i> | | | |
| Award date | | <i>[insert day, month, year, i.e., 15 June, 2015]</i> | | | |
| Completion date | | <i>[insert day, month, year, i.e., 03 October, 2017]</i> | | | |
| Role in Contract <i>[check the appropriate box]</i> | | Prime Contractor <input type="checkbox"/> | Member in JV <input type="checkbox"/> | Management Contractor <input type="checkbox"/> | Sub- contractor <input type="checkbox"/> |
| Total Contract Amount | | <i>[insert total contract amount in contract currency(ies)]</i> | | US\$ <i>[insert exchange rate and total contract amount in US\$ equivalent]</i> | |
| Quantity (Volume, number or rate of production, as applicable) performed under the contract per year or part of the year <i>[Insert extent of participation indicating actual quantity of key activity successfully completed in the role performed]</i> | | Total quantity in the contract (i) | Percentage participation (ii) | | Actual Quantity Performed (i) x (ii) |
| Year 1 | | | | | |
| Year 2 | | | | | |
| Year 3 | | | | | |
| Year 4 | | | | | |

¹⁰ If applicable

| | |
|----------------------|--|
| Employer's Name: | <i>[insert full name]</i> |
| Address: | <i>[indicate street / number / town or city / country]</i> |
| Telephone/fax number | <i>[insert telephone/fax numbers, including country and city area codes]</i> |
| E-mail: | <i>[insert e-mail address, if available]</i> |

2. Activity No. Two

3.

| | Information |
|--|--|
| Description of the key activities in accordance with Sub-Factor 4.2(b) of Section III: | |
| | <i>[insert response to inquiry indicated in left column]</i> |
| | |
| | |
| | |
| | |

Section V. Corrupt and Fraudulent Practices

Guidelines for Procurement of Goods and Works under MOD Financing.

1.13 Fraud and Corruption

1.13.1 It is MOD's policy to require Beneficiaries as well as bidders/suppliers/contractors and their subcontractors under MOD-financed contracts, to observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, MOD:

(a) defines, for the purposes of this provision, the terms set forth as follows:

(i) "corrupt practice" is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;

(ii) "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;

(iii) "collusive practices" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;

(iv) "coercive practices" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;

(v) "obstructive practice"

(aa) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede an MOD investigation into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/or threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or

(bb) acts intended to materially impede the exercise of the MOD inspection and audit rights provided for under paragraph 1.13.1(e) below.

b) will reject a proposal for award if it determines that the bidder recommended for award, or any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;

(c) will declare miss-procurement and cancel the portion of the Financing allocated to a contract if it determines at any time that representatives of the Beneficiary or of a recipient of any part of the proceeds of the Financing engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement or the implementation of the contract in question, without the

Beneficiary having taken timely and appropriate action satisfactory to the IDB to address such practices when they occur, including by failing to inform the MOD in a timely manner at the time they knew of the practices;

(d) will sanction a firm or individual, at any time, in accordance with the prevailing MOD's sanctions procedures, including by publicly declaring such firm or individual ineligible, either indefinitely or for a stated period of time: (i) to be awarded a MOD-financed contract; and (ii) to be a nominated sub-contractor, consultant, supplier, or service provider of an otherwise eligible firm being awarded a MOD-financed contract; and

(e) will require that a clause be included in bidding documents and in contracts financed by the MOD, requiring bidders, suppliers and contractors, and their sub-contractors, agents, personnel, consultants, service providers, or suppliers, to permit the MOD to inspect all accounts, records, and other documents relating to the submission of bids and contract performance, and to have them audited by auditors appointed by the MOD.

1.13.2 With the specific agreement of the MOD, a Beneficiary may introduce, into bid forms for contracts financed by the MOD, an undertaking of the bidder to observe, in competing for and executing a contract, the country's laws against fraud and corruption (including bribery), as listed in the bidding documents. The MOD will accept the introduction of such undertaking at the request of the Beneficiary country, provided the arrangements governing such undertaking are satisfactory to the MOD.

PART 2 – Project Description and Works Requirements

**

Section VI. Scope of Works

Contents

| | |
|---------------------------------------|----|
| 1. Project Description | 50 |
| 2. Scope of Works (Construction)..... | 51 |
| 3. Scope of Works (Medical)..... | 51 |
| 4. Site and Other Data..... | 52 |

1. Description of the Works

1.1 Background

The Lebanese Military health care service provides through its different medical departments a 100% free of charge medical care for around 360,000 beneficiaries including active military personnel, retired military personnel and their immediate dependents (Wife, Children, Mother and Father). The beneficiaries consist around 10% of the total Lebanese population.

The current buildings used by the Military health care services are old and cannot be renovated or adequately maintained. The way they are divided from the inside does not comply with the nature of services provided, and does not suit the needs of the different medical departments.

In times of warfare the hospital becomes a “mass casualty center” with an emphasis on the treatment of critical casualties (soldiers wounded in combat). In some cases this type of facility can treat civilian population in the conflict zone.

1.2 Distribution of Departments

The facility would have approximately 400 in-patient beds and will offer a variety of essential and specialized services:

Accident and Emergency (A+E) Trauma Centre of Excellence, modern Operating Theater Suite, Acute care units, Burn Unit, Advanced diagnostic imaging, clinical laboratories, Cardiac Care, Neuroscience Center, Women and Maternal Care Center, Pediatrics and Neonatology, Dialysis, Gastroenterology and Endoscopy Centre, day surgery. The whole facility will be supported with a complete set of Service Buildings and Technical Support Facilities which include a dedicated Central Plant, Water treatment and tanks, Medical Gas Building and Engineering Workshops.

A multi-specialty military hospital is very similar to any civilian general hospital, with some particularity and slight differences in the size of some services and a higher demand for acute care. It should comprise beds' minimum requirement as listed below:

1.2.1 Medical Departments

A. *Main Departments*

| Division | Quantity | Remarks |
|--------------------------|----------|---------|
| Internal Medicine | 75 beds | |
| General Surgery | 40 beds | |
| Cardiology | 16 beds | |
| Orthopedics/Neurosurgery | 40 beds | |

| | | |
|--|---------|---|
| Burn Center | 5 beds | |
| Cardiac/Vascular Surgery | 20 beds | |
| Short Stay Unit | 30 beds | 6 private rooms (including) |
| Intensive Care Unit | 12 beds | 2 sections: surgical and medical |
| Cardiac Care Unit + Cardiac Surgery Care Unit | 16 beds | 4 Chest Pain Unit 8 Intensive Care 4 Step Down Unit |
| Operating Theater | 12 beds | |

B. Radiology and Diagnostic Imaging Department

| Medical Equipment | Quantity | Remarks |
|--|--------------------------------------|---|
| General Radiology | | |
| MDCT 16 slice | 1 | Located in the ER |
| Medium range Ultrasound | 1 | Located in the ER |
| Flat Panel Conventional Radiology | 1 | Located in the ER |
| MDCT 128 slices | 1 | For Outpatients |
| High range ultrasound | 3 | For Outpatients |
| Fluoroscopy DR | 2 | For outpatients and inpatients |
| Flat Panel DR | 2 | For outpatients and Inpatients |
| Mobile X-Ray | 1 unit/floor 1/CCU, 1/ICU 1 ER | Requires storage room/department |
| C-arm mobile X-ray for Operating Rooms | 2 | Requires storage room |
| MDCT 64 slices and interventional | 1 | For Inpatients |
| Breast Imaging Department | | |
| DR mammography +Biopsy | 1 | Waiting area for 10 patients |
| DR+ mammography | 1 | |
| High range ultrasound | 2 | |
| MRI | | |
| MRI 1.5 Tesla | 1 | For Inpatients Waiting area for transported patients |
| MRI 3 Tesla | 1 | For Outpatients, waiting room for 10 patients |
| Nuclear Medicine Department | | |
| Pet Scan | 1 | For Inpatients and Outpatients |
| Scintigraphy | 1 | For Inpatients and Outpatients |
| Osteodensitometry | | |
| Osteodensitometry | 1 | For Outpatients, separate waiting room for 10 patients |

- Accessibility from the outside, the ER and the OR.
- 10 separate reading rooms.
- Separation between inpatients and outpatients areas.

C. Women and Maternal Care Center

| Division | Quantity | Remarks |
|-----------------|-----------------|--|
| Neonatal ICU | 10beds | |
| Delivery Rooms | 5 rooms | |
| Operating Rooms | 2 rooms | In the delivery suite |
| Normal Nursery | 15 cribs | |
| Floor | 30 beds | 50% single bed, 2 Isolation Rooms |
| IVF department | | Provision for ultrasound, procedure and laboratory areas |

D. Pediatrics and Neonatology Department

| Division | Quantity | Remarks |
|-----------------|-----------------|----------------|
| Regular floor | 30 beds | |
| Pediatric ICU | 5 beds | |

E. Oncology and Chemotherapy

| Division | Quantity | Remarks |
|--|-----------------|----------------------|
| Inpatient | 20 beds | 5 isolated, 3 single |
| Outpatient chemotherapy | 15 beds | |
| Provision for bone marrow transplantation unit | 5 rooms | |
| Provision for special procedure room | 1 room | |

F. Interventional Cardiology

| Division | Quantity | Remarks |
|-----------------------------------|-----------------|----------------|
| Cardiac Catheterization Lab | 1 | |
| Vascular Lab | 1 | |
| Electrophysiology Lab | 1 | |
| Cardiac Surgery Operation Theater | 2 | 1 hybrid room |

G. Dialysis Center

| Division | Quantity | Remarks |
|-----------------|-----------------|----------------|
| Dialysis | 22 beds | |
| Pediatrics | 3 beds | |
| Isolated | 3 rooms | |

H. Gastro-enterology and Endoscopy Center

| Division | Quantity | Remarks |
|------------------------------|-----------------|----------------------------------|
| Endoscopy room | 3 | |
| Radio endoscopy room | 1 | |
| Semi interventional room | 2 | |
| Non-invasive/diagnostic room | 1 | 2 diagnostic test simultaneously |
| Recovery room | 1 | 12 persons |
| Waiting area | 2 | (outpatients) 15 persons each |

- The department shall be in close proximity to ER and OR and shall have a separate access for outpatients.
- Separation between inpatients and outpatients areas.

I. Accident and Emergency Trauma Center

| Division | Quantity | Remarks |
|-------------------|------------------------|------------------------------|
| General care Unit | 12 beds | |
| Trauma Unit | 6 beds | |
| Critical Care | 6 beds | |
| Minor Surgery | 2 beds | |
| Plaster Cast Room | 1 | Waiting area for 5 patients |
| Isolation Room | 2 | |
| Triage Room | 2 | Waiting area for 50 persons |
| Clinics | 4 | Waiting area for 15 patients |
| Prison | 5 beds | |
| Children ER | 6 beds/2 Critical care | |

J. Hospital Pharmacy

| Division | Minimal Area |
|---|--|
| Pharmacy | Adequate space, equipment, and supplies shall be available for all professional and administrative functions relating to pharmacy services and shall be located in areas that facilitate the provision of services to patients, and shall be integrated with the hospital's communication and delivery or transportation systems. |
| Medication storage and preparation area | There shall be suitable facilities to enable the receipt, storage, and preparation of medications under proper conditions of sanitation, temperature, light, moisture, ventilation, segregation, and security to ensure medication integrity and personnel safety throughout the hospital |
| Compounding area | There shall be suitable facilities to enable the compounding, preparation, and labeling of sterile and nonsterile products, including hazardous drug products, in accordance with established quality-assurance procedures. The work environment should promote orderliness and efficiency and minimize the potential for medication errors and contamination of products. |
| Offices and meeting space | Adequate office and meeting areas shall be available for administrative, educational, and training activities. |

| | |
|-----------------------------|--|
| Medicine information center | Adequate space, current resources, and information-handling and communication technology shall be available to facilitate the provision of drug information. |
|-----------------------------|--|

K. Clinical Laboratory

1.2.2 Auxiliary Departments

A. Teaching Facility

| Division | Quantity | Remark |
|-----------------|--------------------|--------------------------|
| Meeting Room | In each department | Each room for 15 persons |
| Conference room | 1 | 50 persons |
| Auditorium | 1 | 150 persons |

B. CSSD

| Division | Minimal Area | Remarks |
|----------------------------|---------------------|----------------------------|
| Admin office | 11.5 m ² | Admin office |
| Store Room | 23 m ² | Store Room |
| Sterilization Unit | | |
| Reception and Wash-up Area | 17 m ² | Reception and Wash-up Area |
| Check-up and assembly | 23 m ² | Check-up and assembly |
| Autoclave room | 11.5 m ² | Autoclave room |
| Storage and Issue | 17 m ² | Storage and Issue |

C. Laundry

| Division | Minimal Area |
|------------------------------|---------------------|
| Reception area | 5 m ² |
| Sluicing | 11.5 m ² |
| washing area | 114 m ² |
| Drying area | 11.5 m ² |
| Folding and pressing area | 93 m ² |
| Sterilization | 15 m ² |
| Storage area | 37 m ² |
| Administration and rest area | 33.5 m ² |
| Sewing area | 9.5 m ² |
| Distribution and record | 5 m ² |

D. General Supply Area (to be specified later)

E. Morgue (to be specified later)

| Division | Minimal Area |
|---|---------------------|
| Entry lobby / Administration / exit lobby | |
| Body holding area | |
| Waiting / viewing area | |
| Storage | |
| Staff area | |

F. Service buildings and technical support facilities

| Engineering and maintenance | Minimal Area |
|--|---|
| Mechanical store and workshop | 40 m ² |
| Electrical / biomedical store and workshop | 25 m ² |
| Carpentry / painting store and workshop | 40 m ² |
| Gardening store and workshop | 15 m ² |
| Secretaries, files and plans storage | 25 m ² |
| Single persons offices (2 offices with toilet) | 30 m ² |
| Staff area (toilets and sleeping rooms included) | 55 m ² |
| Circulation | 20 m ² |
| Medical Gases and suction | |
| Suction room | 12 m ² |
| Compressed air room | 12 m ² |
| Medical gases storage (outside the facility) | 36 m ² |
| Main Water Supply | |
| Main water stock | 500 m ³ |
| Water treatment station + treated water stock | 100 m ² + 300 m ³ |
| Miscellaneous | |
| WC | 12 m ² |
| Waste | 15 m ² |
| Dietician office | 15 m ² |
| Dining | 1.5 m ² /chair |

P.S.: The storage area capacity should be for 3 days.
 Water Pressure should be 3 to 4 bar.
 The floor and walls should be washable.
 The floor should comply with ISO 22000.

G. Kitchen

| Division | Minimal Area |
|----------------------|---------------------|
| Reception area | 15 m ² |
| Storage | 400 m ² |
| Walk-in refrigerator | 400 m ² |
| Walk-in freezer | 200 m ² |
| Preparation | 40 m ² |
| Cooking | 45 m ² |
| Diet | 24 m ² |
| Pastry | 28 m ² |
| Distribution | 30 m ² |
| Washing | 40 m ² |
| Trolley washing | 15 m ² |

1.3 The Hospital Structure

1.3.1 Provision for Natural Disaster & War Operation

The Eastern Mediterranean coast is subjected to earthquakes as a result of active Faults; this renders Lebanon in an active region of geological hazards. Moreover, Lebanon had witnessed a history of civil wars as well as aggressions or terrorism attacks, and it is still in a region of political instabilities and crisis.

1.3.1.1 Construction and Design:

- Shall adopt the CDR (Council for Development and Reconstruction) requirements; as well as the Lebanese public construction decree n 646/2004 and decree n14293/2005. Both regulations classify Lebanon as a moderate seismic region corresponding to 2B of the UBC code.
- Performance level, equivalent to Occupancy Category II must be adopted for all hospital departments according to international building code IBL.
- Architecture with seismic joints shall be adopted.

1.3.1.2 Uninterrupted hospital operation:

- Main Medical Departments shall be built in a sheltered architecture and according to international building code; equivalent to Occupancy Category III (critical spaces, laboratories, radiology, Central Material Service, supply storage, and Nuclear Medicine).
- Main services (Electromechanical, Water Supply ...) must be located in order to assure the hospital operation during disaster.

1.3.1.3 Evacuation Design:

- Each building shall have its own separate entry and exit (accessible only during crisis).
- All building shall be connected to a sheltered basement.

1.3.2 Hospital Access

As far as the built-up environment is concerned, it is crucial that it is barrier-free and adapted to fulfill the needs of all people (patients and employees) equally.

1.3.2.1 Accessibility for the disabled (ADA Standards):

- To comply with standards for designing a safe and friendly environment for the disabled in corridors, bathrooms and patient rooms, doors, chairs, windows etc...).
- To adopt standards for disabilities in sidewalks: On-street parking or underground parking, street crossing in the area.

1.3.2.2 Helipad (refer to Unified Facilities Criteria-Design of Medical Military Facilities UFC 4 - 510 - 01):

- Accessible to ER.
- Accessible to OR.

1.3.2.3 Parking:

- Parking shall be a separate physical facility.
- Parking per bed (2.1 parking per bed).

1.3.3 Physical Security and anti-terrorism protection: (refer to Unified Facilities Criteria-Design of Medical Military Facilities UFC 4 - 510 – 01).

1.3.4 Building Management System

The BMS is used to monitor and control:

- HVAC (FCUs, AHUs ,Fans, Chillers, Chilled water pumps, Thermostats, Pressure Sensors...).
- Plumbing (Pumps, Hot water Tanks, Tanks Water Levels, Water Meters, Thermostats, Pressure Sensor...).
- Lightning (Public Lightning, Emergency Lightning).
- General Services Panel Boards.
- Power Meters and Sub-Meters.

- Ups and Central Battery Systems.
- Emergency power services.
- Medical gazes.
- Lifts.

N.B: It should be specified to operate with BACnet protocol or similar.

1.3.5 Electrical Services:

Electrical system acts as a vital organ to a hospital, providing power to keep the hospital running efficiently and safety. It should contain the following posts:

- **Main Post:** High voltage sub-station that ensures sufficient power alimentation to the hospital, with growth prevention about 30% according to Lebanese army standard.
- **Disaster Post:** A duplicate high voltage sub-station is used in case of Main Post shutdown, and must be supplied by different EDL regional sources (Electricity Of Lebanon). This post should be located remotely from main building.
- **Posts Safety:** High voltage sub-stations shall either be in buildings or structures remote from the patient areas or be fire isolated as part of the main building.

1.4 Standards & codes:

1.4.1 **Complying with JCI (Joint Commission International) Standards:**

The organization designs a safe accessible, effective and efficient environment of care consistent with its mission, services, and laws and regulations.

- Design and Construction: Consider using guidelines for construction and equipment of hospital and medical facilities:
- *FGI (The Facility Guidelines Institute):* Guidelines for design and construction of hospitals and outpatients facilities.
- Safety of Environment: Newly constructed facilities are designed and maintained to comply with the life safety code (LSC)
- Helipad, Physical Security and anti-terrorism protection (refer to Unified Facilities Criteria-Design of Medical Military Facilities UFC 4 - 510 – 01).
- The fire safety requirements should comply with the NFPA (National Fire Protection Agency) standards.
- Accessibility for the disabled (ADA Standards).

NB: *The design will adopt all measures to reduce the overall power consumption and include sustainability measures and provide a low cost of energy consumption.*

1.4.2 Differences between the Guidelines and Codes and Standards:

- Where a code or Standard is listed or referred to and is not dated, the appropriate document should be the latest edition of that code or Standard, and should incorporate all revisions.
- Where a difference occurs between the detailed references in the Guidelines and the relevant Codes and Standards, then the requirements of the Guidelines shall be considered as being the preferred requirements.

1.5 Construction Period

1.5.1 Scenario A

Full funding is available:

- Expected start date: first quarter of 2018.
- Expected delivery date: first quarter 2021.

1.5.2 Scenario B

Scheduled Funding:

- Expected start date: first quarter of 2018.
- Expected delivery date: first quarter 2023.

Phases include:

- Phase I: Infrastructure (Parking, Central Plant, Water treatment and tanks, Medical Gas Building and Engineering Workshops...) and common areas (Accident and Emergency (A+E) Trauma Centre, modern Operating Theater Suite, Acute care units, Burn Unit, Advanced diagnostic imaging, clinical laboratories ...),Surgical services.
- Phase II: Oncology, Chemotherapy, Dialysis center.
- Phase III: Cardiology + Internal Medicine.
- Phase IV: Pediatrics and Ob/Gyn.

Projects involving alterations and/or additions to existing buildings shall be planned and phased to minimize disruption of existing hospital operations.

Access, exits and fire protection shall be well maintained so the occupants' safety will not be jeopardized during construction.

3. Scope of Works (Construction)

The services required will be to design the Hospital building to accommodate the medical program in consideration with the Client and according to the Ministry of Public Health requirement.

3.1. DEFINITION OF THE CONSULTANCY

The following duties shall be carried out:

3.1.1. Consultancy duties

Perform all architectural and engineering studies as described herein, with due care and diligence to obtain the objectives of this appointment.

3.1.2. Site Survey

Within the scope of this appointment, cause to be conducted all topographical and geotechnical surveys, that will be required for the preparation of the preliminary and detailed engineering design of the project components.

3.1.3. Design

Prepare preliminary and detailed designs, specifications, bills of quantities and tender documents for all components of projects.

3.1.4. Assistance of the Client

The Client will provide the consultant with available information, data and reports relating to these services. The Consultant shall be responsible, however, for the analysis and interpretation of the data received for his conclusions and recommendations.

3.1.5. Responsibility of data correctness

All information, data and reports obtained from the Client shall be reviewed, completed as necessary, and analyzed by the consultant. The responsibility for the correctness of the said data shall rest with the consultant.

3.1.6. Standards

The design of the project components shall be prepared in accordance with standards mentioned above (Section VI- 1.4) as regards to function, stability, security, aesthetics and environmental considerations.

3.1.7. Lebanese regulations

The design shall conform to the regulations, laws, by-laws and codes of practice in force in the Lebanese Republic with particular emphasis on resistance to earthquakes, fire protection and on the safety of persons using the facilities.

3.1.8. Consultant performance

The Consultant shall delegate skilled persons for all his professional acts and mobilize the appropriated means to perform these obligations within the duration agreed here after.

3.2. PHASES OF THE MISSIONS

Duties described hereunder shall be carried out according to the phases of the studies with succession and overlapping periods which shall be defined in the general time schedule. The organization of the phases shall be as follows:

3.2.1. Phase 1 :

Investigation, surveys, finalization of the medical program with MOH.

3.2.2. Phase 2 :

Preparation of the conceptual design and preliminary listing of the medical equipment.

3.2.3. Phase 3 :

Preparation of the preliminary design and medical equipment loaded drawings.

3.2.4. Phase 4 :

Preparation of the permit documents.

3.2.5. Phase 5 :

Preparation of the detailed final design, specifications, bills of quantities and tender documents.

3.2.6. Phase 6 :

Assistance to the Client during the tender phase.

3.3. PHASE 1: INVESTIGATION SURVEYS AND FINALIZATION OF THE MEDICAL PROGRAM

The Consultant shall proceed to the following investigations:

3.3.1. Visual Survey

Visit of the location of the project and formulate an idea of the site, its topography, access, and proximity to surrounding functions.

3.3.2. Data collection:

Collect data pertaining building codes and constraints, existing and planned roads, and infrastructure services related to water, sewer, power, telephone, etc..

3.3.3. Topographic survey:

Prepare the topographic survey tender documents (contract to be financed by the Client). The Consultant task includes the supervision of the relative works.

3.3.4. Geotechnical investigations :

Prepare of the soil investigation tender documents for geotechnical investigations and tests that are necessary to determine the necessary data and criteria for the building design. Consultant task includes the interpretation of the concerned report; (Contract to be financed by the client).

3.3.5. Medical Program:

Prepare the necessary documents in order to illustrate the result of the feasibility study in what is in relation with the medical program and needs. Develop this program in close coordination with the Client and MOH, define the number of floors and the built-up areas based on prevailing Building codes.

3.3.6. Deliverables

Report :

At the end of this phase the deliverables are :

- Report including the description of the site visit, the collected codes and construction regulations, إفادة عقارية، إرتفاق وتخطيط و خريطة مساحة.

- Tender documents related to the topographical and geotechnical site surveys.
- The detailed medical program and needs.
- The illustration of the built-up area and the distribution of the function on the different floors.
- A preliminary cost estimate.

3.4. PHASE 2 : CONCEPTUAL DESIGN AND PRELIMINARY LISTING OF THE MEDICAL EQUIPMENT.

On the basis of the studies approved by the client and as the case may be, taking into consideration the modification required by the Client, the Consultant shall perform the conceptual design.

3.4.1. Conceptual design

Prepare a conceptual design of the medical facility and produce in sufficient details for presentation with the building program to the Client for discussion and approval.

Taken into consideration the future extension of the Hospital without any cut of the existing services.

3.4.2. Preliminary listing of the medical equipment.

Establish a preliminary list of the proposed medical equipment in order to ensure that the allocated spaces can house the requirement of the medical program.

3.4.3. Standard

The design of the project shall be prepared in accordance **with international standards** for functions and health and safety environment.

The construction shall be verified to the Para seismic calculation, and the regulation for the fire protection and the safety of the persons shall be applied.

3.4.4. Optimization

The consultant shall program functional relationships that shall reduce time and effort, eliminate cross traffic and reduce the need for costly hard to maintain automated devices

3.4.5. Program definition:

Carry out the necessary studies and comparative analysis to determine the various solutions for accommodating the medical programs on the project sites within the allocated project budget.

Develop detailed programs in close cooperation with the Client, identify major functions and

their related services, define number of floors built-up areas based on prevailing building codes.

3.4.6. Environmental impact

Investigate and assess the possible environmental impact of each of the project's component.

3.4.7. Technical report

Prepare a technical report where the consultant should explain the idea and the concept, for the design criteria adopted for the structure mechanical, electrical, medical equipment, architecture etc....

The standard used in the design, the type of the finishes and their location and any other details.

3.4.8. Cost estimate

Based on the above information prepare a preliminary cost estimate. The cost estimate will be budgetary.

3.4.9. Deliverables

Graphic documents :

- General site plan including building layout and orientation, access road external existing services proposed services connections, external facilities, fencing and landscaping, scale 1/200
- Floor plan drawings for each level : (showing the provision for the future extension) scale 1/100
- Floor plan drawings of each section : scale 1/50
- Rendered elevations scale 1/100
- General sections scale 1/100
- Perspective artist impression
- Vertical and Horizontal circulation flow diagrams : Patient access, visitor access, services access, car access, ...

Report

- Schedule of areas per floor, per section and total built-up areas.
- Comparison table between the built and allowable constructed area.
- Environmental assessment.
- Technical explanation of all trades.

- Cost estimation (budgetary).

3.5. PHASE 3: PRELIMINARY DESIGN AND LOADED DRAWINGS

Based on the conceptual design, the client's comments thereon, and its modifications, develop the design to preliminary stage including such addition details as may be necessary to define and size the entire project component. The documents shall include:

Architectural drawings :

- Floor plans indicating the room numbers, the finishing schedules and colors schemes scale 1/100
- Elevations scale 1/100
- Sections : scale 1/100
- Reflected ceiling plans scale 1/100
- Typical wall sections scale 1/20
- Typical details : Roofing, waterproofing, ... scale 1/20
- Fire zoning escape and fire routing scale 1/100
- Fire strategy
- Traffic design for the elevators.

Structural drawings :

- Framing structural drawings and its approximate dimensions.
- Foundations drawings.

Electrical drawings :

- Schematic design and risers drawings: low and extra low voltage drawings
- The traffic design for the elevator

Mechanical drawings :

- Schematic design and riser drawings: Plumbing heating, air conditioning, ventilation, medical gazes, fire protection.

Loaded drawings

- Medical and non medical equipment and furniture loaded drawings for all floor showing the electromechanical requirements scale 1/100

3.5.1. Deliverables

Graphic documents :

- Drawings of the above listed trades.

Report :

- Design criteria, basic data and codes
- Description of the proposed different mechanical, electrical and medical system and functions
- Breakdown of the constructed area with the cost estimate

3.6. PHASE 4 : PERMIT DOCUMENTS :

After the approval of the Client on the preliminary design project, the Consultant shall develop:

Documents :

The necessary document for the building permit as required by the Local regulation: “Ordre des Ingénieurs” and Town planning department “, Civil defense and Electricity authorities.

Follow up :

The Consultant will be responsible for the following up the procedures for the permit or other licenses necessary for the implementation of the project. He shall provide all the information details or documents required by the authorities in order to obtain the permit at the soonest.

Authorities requirements

The consultant is responsible for preparing all complementary documents or works requested by the authorities for obtaining the permits necessary for the execution of the project (alignments, etc ...)

Consultant responsibility

The consultant will be responsible for the correctness of any information or document presented to the authorities, and shall deliver the same to the relevant authorities under his responsibility.

Obtention of permit

The consultant will be responsible for obtaining and submitting to the Client all the necessary permits, approvals and licenses needed to complete the implementation of the medical facilities.

Progress report :

The Consultant shall report to the client on the progress of the permits procedures, and shall consult with the client regarding any envisaged delay in obtaining the necessary permits. The

Client shall make all possible effort to assist in expediting the procedures.

3.6.1. Deliverables

Report :

Evidence documents confirming the submittal of the documents to the “Order des Ingénieurs”.

3.7. PHASE 5 : DETAILED FINAL DESIGN, SPECIFICATIONS AND TENDER DOCUMENTS :

Based on the preliminary design, the Client’s comments and its modifications, the Consultant shall develop the detailed final design, specifications and tender documents including :

Architectural drawings

- Master Plan : 1/200
- Floor plan drawings of each level : 1/100
- Elevations : 1/100
- Sections : 1/100
- Wall sections : 1/20
- Reflected ceiling : 1/100
- Stairs details : 1/20
- Lifts details : 1/20
- Toilet details 1/20
- Roofing waterproofing 1/20
- External work details 1/50-1/20
- Main entrance and fence details 1/100-1/50-1/20
- Landscaping plan, list of plants : 1/100
- Medical loaded drawings 1/100
- Aluminum windows schedule ---
- Timber door schedule ---
- Steel door schedule ---
- Signage and furniture drawings of each level 1/100
- X-Ray rooms and protection

Structural drawings:

- Setting out plan 1/200
- Excavation plan 1/100
- Foundation plan 1/100
- Ground slab floor formworks and reinforcement 1/100

- Formwork and reinforcement plan of each level 1/100
- Stairs details 1/20
- Foundation schedule and details 1/50-1/20
- Tie beam schedule and details 1/50-1/20
- Column schedule and details 1/50-1/20
- Beams details 1/50-1/20
- Rib details 1/50-1/20
- Lift core details 1/50-1/20
- Water tank details 1/50-1/20
- Calculations notes (Robot)

Electrical drawings : Low and extra low voltage

- Floor plan drawings 1/100
- (Power, lighting , nurse call, IT, data system, public address, fire alarm, external lighting, protection system, CCTV, TV, internet, BMS)
- Riser diagram ---
- Panel board schedule ---
- Details
- Left and conveyor

Mechanical drawings : Drainage water supply, fire fighting, irrigation and medical gazes

- Floor plan drawing of each level : 1/100
- Riser diagram ---
- Technical room ---
- Water tank ---
- Treatment plant ---
- Acoustic design (drawings and calculation notes)

Heating, ventilation and air conditioning : piping and ducting

- Floor plan drawing of each level 1/100
- Riser diagram ---
- Technical room ---
- List of Equipment ---

Technical specifications, bills of Quantities

They include:

- The detailed specifications defining without ambiguity in accordance with the detailed drawings, the works of the various specialties.
- The technical specifications and the workman ship of the different materials and systems.
- Schedule of doors and ironmongery
- Last of finishes by room
- Itemized bill of quantities with the unit price list enumerating the various type of material used.
- Priced BOQ.
- Tender documents including :
 - Full set of drawings with graphic and written detail
 - General and special specifications, bills of Unit prices and bill of Quantities detailing all the component of the works and all items of supplies and installation.
 - General conditions of contract, Particular Conditions of Contract, form of the Contract and form of tender.

3.7.1. Deliverables

Graphic documents :

- The detailed execution drawings.

Documents :

- Specifications, bills of Quantities, tender documents.

3.8. PHASE 6 : TECHNICAL ASSISTANCE DURING TENDER PROCEDURE

The Consultant shall assist the Client in the Tender procedure to prepare: clarification for Tenderers, evaluation report and the contract documentation for signature by the parties.

3.8.1. Tender Period

The consultant shall submit to the Client the tender documents for issuing. He shall not distribute any additional copies (even partial) or information without the written comment of the Client.

3.8.2. Answer to bidders :

During tender period, the Consultant shall provide the tenderers with precision and complementary information they required, only according to the Client specific instructions:

3.8.3. Bidders meeting:

The Consultant shall participate with Client's representatives to the bidder meeting when foreseen in the bidding documents. He will draft and submit to the Client the minutes of the meetings.

3.8.4. Bidder's queries:

The Consultant shall propose to the Client answers to the query raised by any of the contractors invited to tender for the project as part of it. No query can be answered directly by the Consultant but only by the Client and to all the bidders.

3.8.5. Bid opening and bid analysis

At the submission deadline, the Client designates an evaluation committee assisted by one or several consultant representative(s), as the case may require, to proceed with the bids opening and bids analysis. Preparation of computed data sheet for record.

The evaluation committee first checks the conformity of the documents attached to the bids.

Then the offers shall be analyzed.

The consultant shall establish, on the basis of the computed forms for bills of unit price and bills of quantities the following documents:

- Comparison table of the unit prices between all bidders and the cost estimate, highlighting the better prices and the missing or wrong information.
- From the unit prices applied to the bill of quantities, the Consultant shall verify the computed offers submitted by the bidders and indicate any bidder's mistake.
- The Consultant shall report to the Client the result of these prices comparison and issue draft letter for each bidder specifying and explaining the discrepancies in their offer.
- All these tasks shall be performed in the Client offices in a total confidentiality. Any and all information shall be kept between the only members of the evaluation committee.

3.8.6. Contract preparation

As soon as the evaluation report is approved by the Client and donors the Consultant shall assist the Client in preparing the contracts for each retained company, the contract shall include all the contract documents as per the bidder offer and including the results of negotiations if any.

3.9. Approval

All Deliverables documents must be approved by an international third party bureau (Apave, Veritas ...).

3.10. Staff

The Consultant shall employ the staff as may be necessary to fulfill his obligation under the agreement as specified in Appendix A.

3.11. NUMBER OF COPIES :

Reports :

- Unless otherwise stated in the document. Reports shall be submitted to the Client in 2 copies.

Graphic documents :

- Unless otherwise stated in this documents, graphic documents shall be submitted to the Client as follows :
 - For phases 1, 2, 4: One hard copy + one copy for the MOH approval where requested.
 - For phase 3: As per the regulation
 - For phase 5: Two hard copies.
 - Final package for bid purpose : Five hard copies + 1 soft copy

3.12. TIME FRAME :

The time frame needed to implement the above work is 7 months, subdivided as follows:

- Phase 1 : ND + 1
- Phase 2 : Phase 1 approval + 2
- Phase 3 : Phase 2 approval +1 (based on the concerned administrative)
- Phase 4 : Phase 2 approval + 3
- Phase 5 : Phase 4 approval + 1

(PS: The time frame could be increased if the Ministry finds it short compared to the size of the project and different tasks foreseen in it)

4. Scope of Works (Medical)

The Consultant scope of work is defined as follows:

4.1. Medical program and medical equipment's

Based on the recommendation of the feasibility study, prepare the final medical program and medical equipment waste plan, the specifications, quantities and cost estimate.

4.2. Furniture

Establish the master plan, the specifications, the quantities and cost estimate for the medical and non-medical furniture.

4.3. Surgical instrumentation

Establish the specifications, quantities and cost estimate for the surgical instrumentation.

4.4. Training of the personnel

Establish the term of references for the training of the Personnel.

4.5. Equipment needs

The technical specifications for the suggested equipment shall be detailed by article for the proper identification of the appropriate equipment.

As for the heavy equipment, references and technical guidelines are to be recommended. In addition, technical specifications shall indicate clearly all the necessary accessories that are needed for the proper functioning of the equipment.

The list of equipment shall consider the following points:

- All suggested items should conform to the FDA standards.
- All suggested items shall abide by the coding system adopted by the Ministry of Health (MOH) if existed.
- The final list of medical equipment, as well as its distribution in various lots, shall be validated by the Ministry of Defense.

Electrical works:

- The consultant shall indicate the position and the power needed in every outlet. The electrical consumption of every piece of equipment shall be specified by hour, as well as

the utilization pattern over 24 hours with a clear indication of peak utilization. The consultant shall also indicate any special arrangements if the need arises.

Mechanical works:

- The consultant shall indicate the type of fluids and the position of outlets needed for every equipment, as well as the nature, quantity and the mode of waste-water disposal suggested for every piece of equipment
- The consultant shall indicate the heat dissipation of every piece of equipment, the type of ventilation and the room temperature needed in the room and per equipment, if need be.

4.6. Phases of the work

4.6.1. Phase I: Medical programs, List of medical equipment, and Loaded drawings.

4.6.1.1. Program

Illustrate the recommended program of requirements according to the feasibility study. Propose a final program in close coordination with the Client and get his approval.

4.6.1.2. List of equipment

Define the list of equipment in coordination with the Client and upon his approval.

4.6.1.3. Loaded drawings

Based on the above, to establish the loaded drawings of all the spaces and the floors and several sections for critical zones like x-ray, CSSD, OR, patient bedroom and others.

Provide drawings showing the utilities needed for the medical equipment.

4.6.2. Phase II: Specifications, Bill of quantities, Data Sheets and Utilities.

- Establish the list, the specifications, the quantities, room by room and the cost estimate related to medical equipment's, instrumentation for surgery, laundry, kitchen equipments and the medical and non-medical furniture.
- Provide a room data sheet for each room in the hospital.

4.6.3. Phase III : Medical Tender Documents

After the approval of Phase II, the tender documents shall be prepared. These documents shall include:

- The loaded drawings, (scale 1/100)
- The electromechanical drawing showing the modifications due to the medical equipment

- Room by room, Data sheet
- List of equipment per room,
- List of surgery instrumentation,
- List of medical and non-medical furniture,
- Laundry and kitchen equipment,
- Specification,
- Bill of quantity,
- Tender documents,
- Detailed cost estimate.

4.7. TIME FRAME:

The time frame needed to implement the above work is 6 months from the date of notification, subdivided as follows:

- Phase I : Phase 2 construction + 2
- Phase II : Phase I approval + 3
- Phase III : Phase II approval + 1

(PS: Time frame could be modified at the convenience of the Ministry, prior to the launching of the tender for request of proposals from Consultants)

4.8. NUMBER OF COPIES:

The documents related to phases I, II and III will be submitted in two hard copies and one soft copy, and in 6 copies after the approval of phase III.

5. Site and Other Data

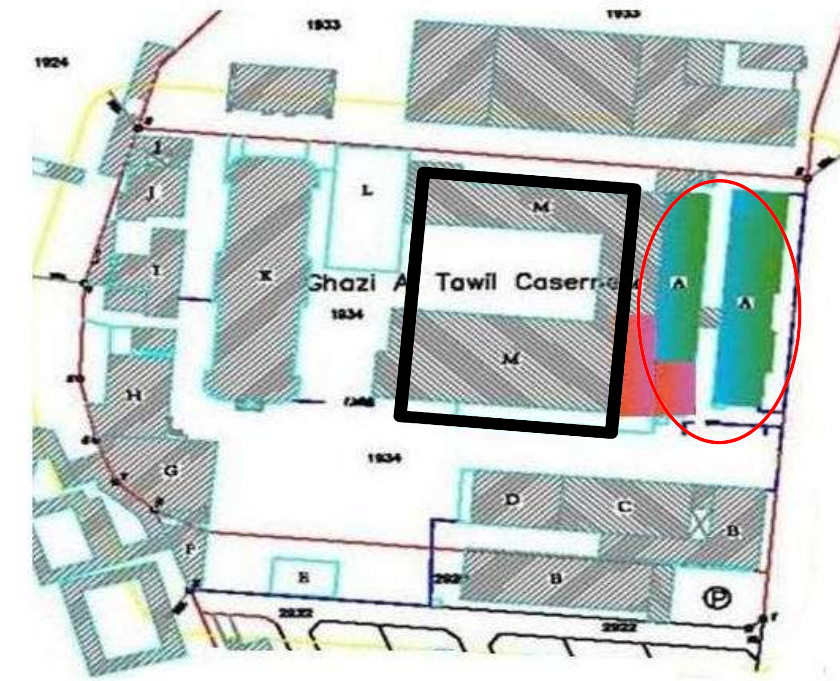
5.1. Site Location

The Facilities will be located in Beirut – Badaro, near the existing Central Military

A. *Project Footprint:*

- Space Area of: /34,885/ Square meters.
- Including Hospital Facilities, Parking, Pathway, Green area.
- Demolishing Old constructions in the allocated space area.
- Considering a water table of 2.5-3m depth.
- The site is connected to an old infrastructure.

B. *Map:*



APPENDIX A

Consultant 's Personnel

The consultant shall employ such staff as may be necessary to fulfill his obligations under the agreement. The consultant shall make his own assessment of the staff needed for carrying out the work but must comprise at least the minimum specified here:

Project Manager
Senior Biomedical engineer
Electro-mechanical engineer
Additional staff or specialists (Biomedical engineers, technicians,...) as needed.

a. Project manger:

Principal duties: represents the consultant to the client. Holds overall responsibility for the direction of the consultant's team. Maintains contact with the client and the consultant main office. Liaises with all parties concerned in the implementation of the project. Maintains control of programming and implementation and ensures that works are proceeding according to schedule.

Qualifications: University degree in engineering or Architecture with a minimum of 15 years of experience since graduation with at least 5 years in fields directly related to hospital projects. Out of these, the candidate should have acted as a project manager in at least one hospital project for the past Seven years. He should have been a permanent staff in the office of the consultant since at least one year.

b. Senior Biomedical engineer (or Biomedical firm):

Principal duties: ensures that all the equipment are confirm with the hospital needs, check the architecture drawing to insure that areas can receive the equipments properly and to prepare the documents mentioned in the TOR.

Qualifications: University degree in the specialty with at least 15 years of experience. Should have worked in at least one project of similar nature (design and supervision of installation of MEDICAL EQUIPMENT & FURNITURE in a newly built or rehabilitated or extended 200 beds hospital) in the last past Five (5) years.

c. Electrical and mechanical engineer

Principal duties: In addition to design task he should Coordinates with the biomedical engineer to ensure that all needed connections required for the adequate installation of the equipment are in place. This shall be planned before the end of the phase 4 period and shall ensure the needed step for the execution of works.

Qualifications: University degree in the field with at least 10 years of experience in building projects and at least three years of experience in the hospital sector. Should have worked in at

least one project of similar nature within the last five years.

The consultant shall express his staff list supporting the project team in management of the mission.

The consultant should have a joint venture with a biomedical consultant (approved by the client) or at least have in his team design a biomedical engineer (approved by the client) with at least 10 years experience in hospital design and the following staff:

| | |
|--------------------|---|
| Architect | 10 years experience with at least design of 1 hospital not less than 200 beds |
| Structure Engineer | 10 years exp. familiar with Robot or similar. |

d. Client authorization

Any staff allocate to the project should have the client authorization, the client have the right to refuse any staff, and the consultant should replace it within 15 days.

N.B. – The consultant shall use the attached form to submit, in his proposal, the original CV copies of the personnel he proposes to conduct the consultancy services of the project, together with the copies (on A4 plain paper) of their official identity cards.