

الهيئة الاتحادية للكهرباء و الماء  
Federal Electricity & Water Authority



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**PROCEDURES & GUIDELINES FOR  
CONTRACTOR PRE-QUALIFICATION  
Related to FEWA Electricity Network  
(Transmission & Distribution)**

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**Version 1.1  
July 2015**

هيئة اتحادية | Federal Authority

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## **I. INTRODUCTION**

Federal Electricity & Water Authority (FEWA) is committed to provide adequate, safe, reliable and efficient electric service as per international best practice and standards. As such, FEWA is continuously monitoring, assessing and evaluating all contractors involve in its Transmission & Distribution Network Projects used for delivering services to its consumers.

Pre-qualification approval issued by FEWA is mandatory for all contractors seeking to provide services in the Transmission & Distribution Network in the Northern Emirates. Only those contractors who meet FEWA criteria, requirements and having sufficient capabilities & experiences will be considered pre-qualified and shall be included in FEWA's "Approved List of Contractors" and may be invited to bid FEWA's Transmission & Distribution Network Project Tenders.

This document is intended to provide the general procedures and guidelines for all contractors who would like to get pre-qualified with FEWA for their services. Contractors interested in getting pre-qualified for inclusion in the "Approved List of Contractors" are requested to read carefully this procedures & guidelines and submit their "Contractor Pre-Qualification Documents" in the format suggested in this document. All contractors are advised to comply with this procedures and guidelines and no deviation shall be accepted by FEWA.

## II. CONTRACTOR PRE-QUALIFICATION CRITERIA

A. Bona fide contractors who are experienced, capable and licensed by concerned Authorities may be considered to be pre-qualified and included in FEWA's "Approved List of Contractors" for Transmission and Distribution Network Projects on a **"Turn-key Basis"** (complete Engineering, Procurement, Construction and Commissioning – EPCC) subject to but not limited to the following mandatory criteria:

1. Contractor should be a U.A.E. National, individual being or company fully owned by a National(s), or an establishment or a company in which 51% of the share capital is owned by National(s) with formal agreement authenticated by a Notary Public in the U.A.E. showing the percentage of their shares and the amount of paid up capital. Contracts signed outside U.A.E. or by correspondence and contracts signed with companies in the free zone areas in U.A.E. are excluded from the provision of this clause. Ownership documents to be submitted.

Moreover, Foreign Companies having their local office/branch in UAE may also apply for pre-qualification of contractors and may be considered for evaluation at the sole discretion of FEWA.

2. Contractor should have valid registration from Chamber of Commerce & Industry in U.A.E. and hold a valid trade license from the concerned government authority in U.A.E. Registration & Trade License to be submitted.
3. Contractor must not be debarred from FEWA for any reason.
4. FEWA employees are not allowed to participate in any FEWA Tender nor shall they be entrusted with the execution of works or the purchase of material whether in their own name or through a firm in which they are share-holders, agents or members of management board.
5. In general, contractor should have at least completed three (3) similar projects in Power Utilities / Authorities in UAE / GCC on a turn-key basis for the past seven (7) years, out of which minimum two (2) similar projects should have been completed in the UAE.

However, similar projects completed on a turn-key basis for the past seven (7) years for the following conditions may also be considered for evaluation at the sole discretion of FEWA:

- A.) Contractors who have completed one (1) similar project in UAE Power Utilities / Authorities plus two (2) in GCC Power Utilities / Authorities.
- B.) Overhead line (OHL) contractors who have completed one (1) similar OHL project in Power Utilities / Authorities in UAE / GCC.
- C.) FEWA approved cable manufacturers, which are working as Underground Cable (UGC) Contractors and completed at least three (3) similar projects as the UGC Main Contractor for GCC Power Utilities / Authorities. Such contractor may be granted “Provisional Approval for Limited Number of Project Contract”.
- D.) Substation contractors who have completed at least three (3) major substation extension projects (installation, testing and commissioning) with “FEWA”. Such contractor may be granted “Provisional Approval on a Trial Basis” for one (1) complete substation project.

Proof of Taking Over Certificate (TOC) / Provisional Taking Over Certificate (PTOC) issued by power utilities / authorities to be submitted.

Moreover, TOC / PTOC from privately executed projects in the UAE that are ultimately transferred to UAE Power Utilities / Authorities may be accepted, provided that all the project specifications used are in accordance with that UAE Power Utility / Authority and under its direct supervision during construction. In addition to the TOC / PTOC, Certification from UAE Power Utilities / Authorities showing proof of compliance that the project was based on their specifications and the project was directly supervised by that UAE Power Utility / Authority shall be submitted.

*Note:*

- *Similar project experience depends on the classification of contractor being applied and pre-qualified for, please refer to Annexure A.*
- *Power Utility / Authority is referred to as FEWA, SEWA, DEWA, TRANSCO, ADWEA, ADDC, AADC or its equivalent in other GCC only.*

6. The contractor should have an exclusive In-House Design & Engineering staff and office located in UAE.

In addition, availability of key manpower such as project managers, engineers, technical specialist, etc. should be existing and currently employed by the contractor. Please refer to Annexure B for the minimum expected key manpower of the contractor.

7. Contractor should be financially capable. Annual Financial Statements / Report for the past three (3) years duly audited by an independent 3<sup>rd</sup> party auditor to be submitted.

### **III. PROCEDURE FOR APPLICATION OF CONTRACTOR PRE-QUALIFICATION**

1. Contractor to download the application form from FEWA web site (<http://www.fewa.gov.ae/>). Annexure C is attached for your reference.
2. Fill the application form with complete information of the company duly signed & stamped and submit with all necessary pre-qualification supporting documents required to:

#### **DIRECTOR OF PURCHASES, CONTRACTS & STORES DEPARTMENT**

*FEDERAL ELECTRICITY & WATER AUTHORITY*

P.O. BOX 1672, DUBAI, UNITED ARAB EMIRATES

3. This pre-qualification document shall accompany an Assessment Fee of AED 1000 per application (Substation, Underground Cable or Overhead line) towards a non-refundable fee for the assessment of the contractor's qualifications and capabilities for inclusion in FEWA's "Approved List of Contractors".
4. FEWA's "Purchases, Contracts & Stores Department (PCSD)" will collect all the applications submitted by various contractors for pre-qualification process and carry out initial scrutiny of the applications against FEWA compliances and rules & regulations. Thereafter, PCSD will distribute the Pre-qualification Document internally within FEWA for review and comments.
5. Only "Purchases, Contracts & Stores Department" will be the point-of-contact between FEWA and the contractor. The contractor is advised not to deal / communicate directly with any FEWA employee/s involved in the pre-qualification assessment, unless otherwise called officially by FEWA. If the contractor offers, or tries implicitly or explicitly, to influence FEWA or any of its employees in favour of the contractor in any form such as donations, gifts, rewards, etc., FEWA has the right to immediately reject its application and/or ban the contractor indefinitely.

6. Whenever required and deemed necessary, FEWA through Purchases, Contracts & Stores Department may ask the contractor as part of the pre-qualification assessment to:

- a meeting for company presentation, clarification and other discussions
- visit their office, warehouse, fabrication factory, etc.
- a site visit of similar projects completed by the contractor
- inspect its technical capabilities (manpower, transportation, construction & test equipment, etc.)
- submit other supporting documents to substantiate its technical and financial capabilities

The contractor must comply and bear the responsibility to such expenses that may occur without any cost implication to FEWA.

7. To determine the readiness of the applicant (contractor) to perform the work satisfactorily, the Pre-qualification Documents submitted shall be assessed but not limited to the following criteria:

- a. Compliance of contractor to FEWA criteria & requirements.
- b. Technical and Financial capabilities.
- c. Organization capability on similar projects.
- d. Performance of contractor with FEWA (if had executed past contracts) and from other Power Utilities / Authorities.
- e. After Sales Support / Services available.

Please refer to Annexure D for the percent (%) weight breakdown of criteria and mandatory conditions in order for a Contractor be included in the "Approved List of Contractors".

8. The FEWA pre-qualification of contractor application shall have the following categories:

- a. Contractor "Approved"
- b. Contractor "Rejected"

On some rare occasions, contractors applying for pre-qualification may be granted provisional approval for "Limited Number of Project Contract" or "Trial Basis" at the sole discretion of FEWA.



9. In case the contractor is found meeting all the requirements and to the satisfaction of FEWA then the contractor will be included in the “Approved List of Contractors”.

This pre-qualification approval shall further comply with the detailed terms and conditions of FEWA Tender.

10. In case the outcome of the assessment is found unsuccessful then comments will be forwarded to the contractor by “Purchases, Contracts & Stores Department”.

In addition, FEWA at its own discretion may reject a pre-qualification document application without assigning any reasons and/or justifications.

11. A pre-qualified contractor shall have a validity of TWO (2) years and must be renewed by the contractor by paying the renewal fees of AED 500 and submitting the updated documents required subject to FEWA approval & discretion.

12. As part of the ongoing performance assessment, FEWA will consider the feedback from various FEWA Departments, other Utilities / Authorities, market, and other possible sources regarding the performance of the contractor and if the performance is found dissatisfactory then the approval of the contractor shall be revoked any time by FEWA and the same along with comments will be communicated to the contractor.

13. Any changes on the contractor’s address, contact details, company structure, etc. should be relayed immediately to FEWA.

## IV. CHECKLIST FOR PRE-QUALIFICATION DOCUMENTS

The Contractor's Pre-Qualification (PQ) Document shall be submitted in one (1) hard copy (with index tabs/dividers to separate each submittals/documents) and one (1) soft copy in CD (clear scan copy in Portable Document Format - PDF). Moreover, kindly ensure that all pages of the PQ Document are signed and stamped accordingly by the contractor.

The following shall serve as checklist and content of the Contractor's Pre-Qualification (PQ) Document in proper order:

1. **Application Form**: Contractor Pre-Qualification Form (Annexure C). For the Contractor Classification, kindly check Annexure A for details.
2. **Cover Letter**: Addressed to the Director of "Purchases, Contracts & Stores Department".
3. **Ownership Documents**: Copy of documents showing the company's name, the names of its members (shareholders), the number of shares held by them, the location of its registered office and other key financial & legal information.
4. **Chamber of Commerce & Industry**: Copy of valid UAE Membership Certificate from U.A.E. Chamber of Commerce & Industry.
5. **Registration and Trade License**: Copy of valid Commercial Registration Certificate and Trade License from concerned Government Authorities in U.A.E (such as Department of Economic Development - DED or its equivalent and/or Free Zones Authority, etc).
6. **Project Experience with TOC**: Completely filled Project Experience Details (Annexure E) for every similar projects completed. In addition, attached immediately on the following page the Provisional Taking Over Certificate (PTOC), Taking Over Certificate (TOC), Provisional Acceptance Certificate (PAC) or its equivalent in other GCC countries.

Final Taking Over Certificate (FTOC), Defects Liability Clearance Certificate (DLCC), Final Acceptance Certificate (PAC) or its equivalent in other GCC countries

may also be accepted, provided that the provisional or initial date of taking over is indicated clearly on the certificate.

For privately executed projects turned over to UAE Power Utilities / Authorities, attached also the Certification from the UAE Power Utility / Authority proving that the project was constructed and completed according to their specifications and direct supervision.

7. **Letter of Undertaking for Manpower:** The letter shall state that in case of award of contract by FEWA, the minimum manpower would be deployed as per Annexure – B (minimum expected key manpower) of the Procedures and Guidelines for Contractor Pre-Qualification.
8. **Organization Structure & Manpower:** Company's existing organizational structure and manpower to be attached.
9. **Financial Report:** Copy of financial statement / report for the past three (3) years duly audited by an independent external 3<sup>rd</sup> party auditor. Report should include but not limited to the following:
  - Statement of Financial Position
  - Statement of Cash Flow
  - Auditor's Report
  - Other pertinent data deemed necessary

Please note that once a contractor has been approved for inclusion in the "Approved List of Contractors", the latest financial report duly audited by an independent external 3<sup>rd</sup> party auditor for the succeeding years shall be submitted to FEWA for verification and maintaining an active status with FEWA regardless if the validity of the "Contractor Pre-Qualification Approval" is still valid.

10. **Company Profile:** Include various services offered.
11. **Certifications, Policy & Manuals:** Copy of valid local and/or international certifications (ISO, OHSAS / HSE, QA / QC), etc) & documentations (policies, procedures, manuals, etc.), accreditations, organizational memberships, if available.

12. **After Sales Support**: List of available after sales support / services of the contractor.
13. **Facilities & Equipment**: Summary of contractor's facilities and equipment details
14. **Other Project Experience**: Other project experience details similar to the classification of contractor being pre-qualified may include projects under construction, projects completed beyond the past 7 years, projects from other countries than GCC, etc. in Annexure F as reference.
15. **Passport & Visa Page**: Copy of valid Passport and Visa page for Authorized Signatory.
16. **Identity Card**: Copy of valid UAE Identity Card for Authorized Signatory
17. **Power of Attorney**: Copy of valid Power of Attorney for Authorized Signatory.
18. **Other Information**: Other pertinent data and information deemed necessary for the assessment of the contractor's pre-qualification.
19. **Payment Receipt**: Copy of Assessment Fee Receipt, AED 1000 per application (Substation, Underground Cable or Overhead line).

*Note to Contractors:*

- Only those contractors who meet the complete FEWA criteria, requirements and having sufficient capabilities & experiences need to submit an application.
- Project Experience Details (Annexure E) submitted without any attached valid Taking Over Certificate (TOC) and/or Certification from Power Utilities / Authorities shall not be considered by FEWA for evaluation.
- Kindly described fully the scope of work on the Project Experience Details as shown in the sample in Annexure E.
- The above checklist items (1 to 19) highlighted in "**Bold & Underline**" text are the recommended individual names of the electronic files to be included in the CD.
- Kindly follow all the reminders and required format to avoid delay and/or rejection of application.

## **ANNEXURE - A**

### **CLASSIFICATION OF CONTRACTORS**

**ANNEXURE – A**  
**CLASSIFICATION OF CONTRACTORS**

**A. Contractors:**

SAP Item Number	Contractor Classification	Project Experience Required on a Turn-Key Basis
	<b>132kV Substation Contractor</b>	132/33/11kV Main Substation Works and/or 132/11kV Main Substation Works
	<b>33kV Substation Contractor</b>	33/11kV Substation Works
	<b>132kV OHL Contractor</b>	132kV Overhead Line Works
	<b>33kV OHL Contractor</b>	33kV Overhead Line Works
	<b>132kV UGC Contractor</b>	132kV Underground Cabling Works
	<b>33kV UGC Contractor</b>	33kV Underground Cabling Works

**NOTE:**

- Similar project experience above the mentioned required voltage maybe accepted for evaluation at the sole discretion of FEWA. For example, UGC experience above 132kV (e.g. 400kV, 220kV, etc.) may be accepted for evaluation for 132kV UGC Contractor.
- Contractors granted a pre-qualification approval by FEWA for 132kV works may also be automatically granted pre-qualification approval for 33kV works at the sole discretion of FEWA.

## **ANNEXURE - B**

### **MINIMUM EXPECTED KEY MANPOWER**

## ANNEXURE – B

### MINIMUM EXPECTED KEY MANPOWER

#### B.1 – 132/33/11kV and 132/11kV Main Substation Works

OFFICE PERSONNEL		SITE PERSONNEL (Required for every Substation Site)	
Sl. No.	Position	Sl. No.	Position
1.	General Manager	1.	Site Manager
2.	Project Manager	2.	Senior Civil Engineer
3.	Planning Manager	3.	QA / QC Civil Engineer
4.	Planning Engineer	4.	Resident Engineer (MEP)
5.	Contracts Manager	5.	Assistant Resident Engineer (MEP)
6.	Material Controller (for all disciplines)	6.	HVAC Engineer
7.	Engineering / Design Manager (Overall Project)	7.	Fire Fighting & Fire Protection Engineer
8.	Electrical Design Team Leader / Coordinator (In-House Design Team)	8.	Lighting and Small Power (LSP) Engineer
9.	SCADA & Telecoms Design Team Leader / Coordinator (In-House Design Team)	9.	Building Services
10.	Civil Design Team Leader / Coordinator	10.	Resident Engineer (Electrical) - Erection
11.	MEP Design Team Leader / Coordinator	11.	132kV GIS / LCC, 33kV GIS and 33kV C&R Erection Engineer
12.	Civil Manager	12.	11kV AIS, LVAC & Capacitor Bank Erection Engineer
13.	Senior Structural Design Engineer	13.	IBT or IDT, NER & RTCC Erection Engineer
14.	Material Engineer (Civil)	14.	HVDT, AUX, NER & RTCC Erection Engineer
15.	QA / QC Manager	15.	HV & LV Cable Erection Engineer
16.	HSE Manager	16.	DC System Erection Engineer
17.	Accounts Manager	17.	Earthing & Lightning Protection Erection Engineer
18.	Overall Document Controller	18.	SCADA & Telecommunication Erection Engineer
		19.	Senior Lead Testing & Commissioning / Coordination Engineer
		20.	132kV GIS / LCC and Remote-End Works Testing Engineer
		21.	33kV GIS and C&R Testing Engineer
		22.	11kV AIS, LVAC & Capacitor Bank Testing Engineer
		23.	IBT or IDT, NER & RTCC Testing Engineer
		24.	HVDT, AUX, NER & RTCC Testing Engineer
		25.	HV & LV Cable Testing Engineer
		26.	DC System Testing Engineer
		27.	Earthing & Lightning Protection Testing Engineer
		28.	SCADA & Telecommunication Testing Engineer
		29.	QA / QC Site Engineer (for all disciplines – E, MEP, S and T)
		30.	HSE Site Engineer
		31.	Planning Engineer
		32.	Site Coordinator
		33.	Secretary / Office Assistant

**NOTES:**

1. Sub contractors personnel are not part of this organization and they shall be subjected to pre-qualification during the Tender Evaluation.
2. Updation to this Minimum Organization Chart is required from time to time and as per the Scope of Work of Individual Tender.
3. Testing Engineers for Protection, Transformers, Switchgear, Cable etc., specific experience / identification shall be submitted during the Tender Evaluation.



## ANNEXURE – B

### MINIMUM EXPECTED KEY MANPOWER

#### B.2 – 33/11kV Substation Works

OFFICE PERSONNEL		SITE PERSONNEL (Required for every Substation Site)	
Sl. No.	Position	Sl. No.	Position
1.	General Manager	1.	Site Manager
2.	Project Manager	2.	Senior Civil Engineer
3.	Planning Manager	3.	QA / QC Civil Engineer
4.	Planning Engineer	4.	Resident Engineer (MEP)
5.	Contracts Manager	5.	Assistant Resident Engineer (MEP)
6.	Material Controller (for all disciplines)	6.	HVAC Engineer
7.	Engineering / Design Manager (Overall Project)	7.	Fire Fighting & Fire Protection Engineer
8.	Electrical Design Team Leader / Coordinator (In-House Design Team)	8.	Lighting and Small Power (LSP) Engineer
9.	SCADA & Telecoms Design Team Leader / Coordinator (In-House Design Team)	9.	Building Services
10.	Civil Design Team Leader / Coordinator	10.	Resident Engineer (Electrical) - Erection
11.	MEP Design Team Leader / Coordinator	11.	33kV GIS and C&R Erection Engineer
12.	Civil Manager	12.	11kV AIS, LVAC & Capacitor Bank Erection Engineer
13.	Senior Structural Design Engineer	13.	HVDT, AUX, NER & RTCC Erection Engineer
14.	Material Engineer (Civil)	14.	HV & LV Cable Erection Engineer
15.	QA / QC Manager	15.	DC System Erection Engineer
16.	HSE Manager	16.	Earthing & Lightning Protection Erection Engineer
17.	Accounts Manager	17.	SCADA & Telecommunication Erection Engineer
18.	Overall Document Controller	18.	Senior Lead Testing & Commissioning / Coordination Engineer
		19.	33kV GIS, C&R and Remote-End Works Testing Engineer
		20.	11kV AIS, LVAC & Capacitor Bank Testing Engineer
		21.	HVDT, AUX, NER & RTCC Testing Engineer
		22.	HV & LV Cable Testing Engineer
		23.	DC System Testing Engineer
		24.	Earthing & Lightning Protection Testing Engineer
		25.	SCADA & Telecommunication Testing Engineer
		26.	QA / QC Site Engineer (for all disciplines – E, MEP, S and T)
		27.	HSE Site Engineer
		28.	Planning Engineer
		29.	Site Coordinator
		30.	Secretary / Office Assistant

#### NOTES:

1. Sub contractors personnel are not part of this organization and they shall be subjected to pre-qualification during the Tender Evaluation.
2. Updation to this Minimum Organization Chart is required from time to time and as per the Scope of Work of Individual Tender.
3. Testing Engineers for Protection, Transformers, Switchgear, Cable etc., specific experience / identification shall be submitted during the Tender Evaluation.

**ANNEXURE – B**  
**MINIMUM EXPECTED KEY MANPOWER**

**B.3 – 132kV & 33kV Underground Cabling (UGC) Works**

OFFICE PERSONNEL		SITE PERSONNEL <i>(Required for every site)</i>	
Sl. No.	Position	Sl. No.	Position
1.	General Manager	1.	Site Manager
2.	Project Manager	2.	Resident Engineer (Civil)
3.	Planning Manager	3.	Assistant Resident Engineer (Civil)
4.	Planning Engineer	4.	Resident Engineer (Electrical)
5.	Contracts Manager	5.	Assistant Resident Engineer (Electrical)
6.	Material Controller	6.	Assistant Resident Engineer (SCADA & Telecom)
7.	Engineering / Design Manager	7.	Cable Jointers
8.	Design Engineer	8.	Lead Test Engineer
9.	Electrical Engineer	9.	Site Cable Test Engineer
10.	SCADA and Telecom Engineer	10.	Site SCADA & Telecom Test Engineer
11.	Civil Engineer	11.	QA / QC Engineer
12.	QA / QC Manager	12.	HSE Engineer
13.	HSE Manager	13.	Surveyor
14.	Accounts Manager	14.	Site Coordinator / NOC
15.	Document Controller		

**NOTES:**

1. Sub contractors personnel are not part of this organization and they shall be subjected to pre-qualification during the Tender Evaluation.
2. Updation to this Minimum Organization Chart is required from time to time and as per the Scope of Work of Individual Tender.

**ANNEXURE – B**  
**MINIMUM EXPECTED KEY MANPOWER**

**B.4 – 132kV & 33kV Overhead Line (OHL) Works**

OFFICE PERSONNEL		SITE PERSONNEL (Required for every site)	
Sl. No.	Position	Sl. No.	Position
1.	General Manager	1.	Site Manager (OHL)
2.	Project Manager (OHL)	2.	Resident Engineer (Civil – OHL)
3.	Planning Manager	3.	Assistant Resident Engineer (Civil – OHL)
4.	Planning Engineer	4.	Resident Engineer (Electrical – OHL)
5.	Contracts Manager	5.	Assistant Resident Engineer (Electrical – OHL)
6.	Material Controller	6.	Senior Tower Erection & Stringing Engineer
7.	Engineering / Design Manager (OHL)	7.	Site Overhead Line (OHL) Test Engineer
8.	Design Engineer (OHL)	8.	Electrical Test Engineer
9.	Electrical Design Engineer (OHL)	9.	SCADA & Telecom Test Engineer
10.	Civil Design Engineer (OHL)	10.	QA / QC Engineer
11.	SCADA and Telecom Design Engineer	11.	HSE Engineer
12.	QA / QC Manager	12.	Surveyor
13.	HSE Manager	13.	Cable Jointer
14.	Accounts Manager		
15.	Document Controller		

**NOTES:**

1. Sub contractors personnel are not part of this organization and they shall be subjected to pre-qualification during the Tender Evaluation.
2. Updation to this Minimum Organization Chart is required from time to time and as per the Scope of Work of Individual Tender.

## **ANNEXURE - C**

### **CONTRACTOR PRE-QUALIFICATION APPLICATION FORM**



## CONTRACTOR PRE-QUALIFICATION APPLICATION FORM

(Electricity Network: Transmission & Distribution)

[ For the use of "FEWA Purchases, Contracts & Stores Department" only ]

<b>Application Date</b> (DD/MM/YYYY):	<b>Type of Application:</b>
<b>Application Number:</b>	<input type="checkbox"/> New <input type="checkbox"/> Renewal <input type="checkbox"/> Update <input type="checkbox"/> Others, please state purpose:

[ PLEASE FILL THE FORM ELECTRONICALLY, AND NOT BY HAND ]

### PRE-QUALIFYING FOR:

Contractor Classification	SAP Item No.
---------------------------	--------------

### COMPANY DETAILS:

Company Name			
Complete Address			
P.O. Box		Emirate	
Business Office Number(s)			
Business Fax Number(s)			
Business E-mail Address			
Business Website Address			
Company Owner			
Company General Manager (or its equivalent)			
Contact Person, Designation, E-mail Address & Mobile No. (1)			
Contact Person, Designation, E-mail Address & Mobile No. (2)			

### LICENSE DETAILS:

Commercial Trade License		Chamber of Commerce & Industry Membership	
Issued By		Issued By	
License No.		Registration No.	
Expiry Date		Expiry Date	

I, the undersigned, certify that I have read and understood fully the "Procedures & Guidelines for Contractor Pre-Qualification" and all fees paid in accordance with this application is considered non-refundable regardless of the result of the Pre-qualification Assessment. In addition, I am aware that FEWA is not bound to pre-qualify and may reject this pre-qualification document without assigning any reasons and/or justifications which is the sole discretion of FEWA. Moreover, I understand that any wilful misstatement written herein or any part of the Pre-qualification Document may lead to the Rejection of our application.

[ Authorized Signature & Stamp of Company ]

[ PRINTED NAME & POSITION ]

## **ANNEXURE - D**

### **CRITERIA WEIGHT BREAKDOWN & CONDITIONS FOR APPROVAL**

**ANNEXURE – D**  
**CRITERIA WEIGHT BREAKDOWN & CONDITIONS FOR APPROVAL**

	Description	Details		Percent (%) Weight		Score Guide
A.	Technical Capability	Project Experience (completed projects)		60%	36%	12% = 1 similar project in UAE + 2 or more similar projects in GCC 24% = 2 similar projects in UAE + 1 or more similar projects in GCC 36% = 3 or more similar projects in UAE + 0 or more similar projects in GCC
		Organization Chart & Manpower			24%	
B.	Financial Capability	Liquidity Ratio Check	Current Ratio	40%	10%	
			Quick Ratio		10%	
			Working Capital Turnover Ratio		10%	
			Debt to Equity Ratio		10%	
<b>Total Score</b>				<b>100%</b>	<b>100%</b>	

Contractors may be considered “Approved” and be included in the “Approved List of Contractors” provided that **both** the following conditions are satisfied:

- The **total awarded score** of the contractor shall be **greater than or equal to 65%**.
- Shall **individually pass both** the **Technical (greater than or equal to 30%)** and the **Financial (greater than or equal to 20%)** capability assessment.

## **ANNEXURE - E**

### **PROJECT EXPERIENCE DETAILS (WITH POWER UTILITIES IN UAE / GCC)**



## **PROJECT EXPERIENCE DETAILS**

*(With Power Utilities in UAE / GCC)*

*(To be filled separately for each completed project and attached the TOC immediately on the following page)*

<b>Country</b>	
<b>Client</b>	
<b>Contract No.</b>	
<b>Contract Project Title</b>	
<b>Contract Amount</b>	
<b>Section / Item No. <i>(if any)</i></b>	
<b>Section / Item Title <i>(if any)</i></b>	
<b>Section / Item Amount <i>(if any)</i></b>	
<b>Contract Duration <i>(include any approved extension, if any)</i></b>	
<b>Project Start Date</b>	
<b>Project Finish Date</b> <i>(PTOC, TOC, PAC or its equivalent)</i>	
<b>Consultant <i>(if any)</i></b>	
<b>Contract or Section / Item Project Scope / Description</b> <i>(continue on next page, if additional space is required)</i>	

# (SAMPLE FOR SUBSTATION)

## PROJECT EXPERIENCE DETAILS

(With Power Utilities in UAE / GCC)

(To be filled separately for each completed project and attached the TOC immediately on the following page)

<b>Country</b>	U.A.E
<b>Client</b>	Federal Electricity & Water Authority (FEWA)
<b>Contract No.</b>	[ Contract Number ]
<b>Contract Project Title</b>	132/33/11kV Substation Works in the Northern Emirates
<b>Contract Amount</b>	AED XXX,XXX,XXX
<b>Section / Item No. (if any)</b>	Item A1
<b>Section / Item Title (if any)</b>	New XXXX 132/33/11kV Main Substation
<b>Section / Item Amount (if any)</b>	AED XXX,XXX,XXX
<b>Contract Duration (include any approved extension, if any)</b>	XX Months (Original) + XX Months (approved extension, if any)
<b>Project Start Date</b>	DD.MM.YYYY
<b>Project Finish Date</b> <i>(PTOC, TOC, PAC or its equivalent)</i>	DD.MM.YYYY
<b>Consultant (if any)</b>	[ Name of Consultant ]
<b>Contract or Section / Item Project Scope / Description</b> <i>(continue on next page, if additional space is required)</i>	<p><b>A1: New XXXX 132/33/11kV Main Substation</b></p> <p><b>Electrical Works:</b> Supply, transport, installation, testing and commissioning. Below are some of the major equipment:</p> <ul style="list-style-type: none"><li>• One (1) set of 132kV Indoor Metal-enclosed SF6 Gas Insulated Switchgear (GIS) type with double bus bar system (rated 3150A, 40kA, 3s with 14 bays)</li><li>• One (1) set of 33kV Indoor Metal-enclosed SF6 Gas Insulated Switchgear (GIS) type with double bus bar system (rated 2500A, 40kA, 3s with 25 bays)</li><li>• Three (3) sections of 11kV Indoor Metal-clad Air Insulated Switchgear (AIS) type with single bus bar system (rated 2500A, 31.5kA, 3s with 34 bays)</li><li>• Three (3) Nos. of 60/90 MVA, 132/33/11kV, ONAN/ONAF Inter-Bus Transformers (IBT)</li><li>• One (1) Neutral Earthing Switchgear (NES) rated 33kV, 2000A, 31.5 kA</li><li>• Two (2) Neutral Earthing Resistor (NER) rated 33kV, 1500A, 12.70 ohm, 10s</li><li>• Three (3) Nos. of 20/25 MVA, 33/11kV</li></ul>

ONAN/ONAF High Voltage Distribution Transformer (HVDT)

- Three (3) Neutral Earthing Resistor (NER) rated 11kV, 1000A, 6.35 ohm, 10s
- Two (2) Nos. of 1000kVA, 11/0.4kV, Auxiliary Transformers (AUX)
- Two (2) Nos. of 3 Phase, 6.0 MVAR, 11kV Capacitor Bank (3 stages of 2 MVAR each)

**Civil Works:** Construction of complete Substation Building (Cable Basement + Ground Floor) + Fire Pump Building + Guard Room + Fence

**Electro-Mechanical Works:** Supply, transport, installation, testing and commissioning of the following:

- Fire Protection & Detection System
- Heating, Ventilation & Air Conditioning (HVAC) System
- Crane & Hoist System
- Service Water System

**Telecommunication, Protection & SCADA Works:** Supply, transport, installation, testing and commissioning of necessary equipment. Complete Telecommunication, Protection & SCADA works including integration to FEWA System Control Centre (SCC) in UAQ.

# (SAMPLE FOR UNDERGROUND CABLE)

## PROJECT EXPERIENCE DETAILS

(With Power Utilities in UAE / GCC)

(To be filled separately for each completed project and attached the TOC immediately on the following page)

<b>Country</b>	U.A.E
<b>Client</b>	Federal Electricity & Water Authority (FEWA)
<b>Contract No.</b>	[ Contract Number ]
<b>Contract Project Title</b>	132kV & 33kV Underground Cabling Works in the Northern Emirates
<b>Contract Amount</b>	AED XXX,XXX,XXX
<b>Section / Item No. (if any)</b>	Item A1
<b>Section / Item Title (if any)</b>	132kV Underground Cable Circuits for New XXXX 132/33/11kV Main Substation
<b>Section / Item Amount (if any)</b>	AED XXX,XXX,XXX
<b>Contract Duration (include any approved extension, if any)</b>	XX Months (Original) + XX Months (approved extension, if any)
<b>Project Start Date</b>	DD.MM.YYYY
<b>Project Finish Date</b> <i>(PTOC, TOC, PAC or its equivalent)</i>	DD.MM.YYYY
<b>Consultant (if any)</b>	[ Name of Consultant ]
<b>Contract or Section / Item Project Scope / Description</b> <i>(continue on next page, if additional space is required)</i>	<p><b>A1: New Three (3) Circuits of 132kV Underground Cable between XXXX and YYYY Main Substations using 3x1Cx1200mm<sup>2</sup> Cu XLPE per circuit – route length is approximately XX km.</b></p> <p><b>Electrical Works:</b> Supply, transport, installation, testing and commissioning. Below are some of the major materials:</p> <ul style="list-style-type: none"> <li>• 132kV UGC 3x1Cx1200mm<sup>2</sup> Cu XLPE Cable</li> <li>• 132kV Cable Indoor SF6 Terminations for 132kV GIS</li> <li>• 132kV Cable Straight Joints</li> <li>• Link boxes</li> <li>• Cross bonding or earthing link box</li> <li>• 32C Fiber Optic Cable (FOC)</li> <li>• FOC Splicing Kit</li> <li>• FOC Termination Box</li> <li>• Other UGC accessories</li> </ul> <p><b>Civil Works:</b></p> <ul style="list-style-type: none"> <li>• Excavation, soil compacting and back filling works</li> <li>• Pre-Cast Reinforced Concrete Trough (supply, transport &amp; installation)</li> <li>• Non-Disruptive Road Crossings (NDRC) – Horizontal Directional Drilling (HDD) &amp; Micro Tunnelling works.</li> </ul>

# (SAMPLE FOR OVERHEAD LINE)

## PROJECT EXPERIENCE DETAILS

(With Power Utilities in UAE / GCC)

(To be filled separately for each completed project and attached the TOC immediately on the following page)

<b>Country</b>	U.A.E
<b>Client</b>	Federal Electricity & Water Authority (FEWA)
<b>Contract No.</b>	[ Contract Number ]
<b>Contract Project Title</b>	132kV & 33kV Overhead Line Works in the Northern Emirates
<b>Contract Amount</b>	AED XXX,XXX,XXX
<b>Section / Item No. (if any)</b>	Item A1
<b>Section / Item Title (if any)</b>	132kV Overhead Line Circuits for New XXXX 132/33/11kV Main Substation
<b>Section / Item Amount (if any)</b>	AED XXX,XXX,XXX
<b>Contract Duration (include any approved extension, if any)</b>	XX Months (Original) + XX Months (approved extension, if any)
<b>Project Start Date</b>	DD.MM.YYYY
<b>Project Finish Date</b> <i>(PTOC, TOC, PAC or its equivalent)</i>	DD.MM.YYYY
<b>Consultant (if any)</b>	[ Name of Consultant ]
<b>Contract or Section / Item Project Scope / Description</b> <i>(continue on next page, if additional space is required)</i>	<p><b>A1: New Two (2) Circuits of 132kV Overhead line between XXXX and ZZZZ Main Substations using 3x2x400mm<sup>2</sup> AAAC per circuit – route length is approximately XX km with XX numbers of steel towers.</b></p> <p><b>Electrical Works:</b> Supply, transport, installation, testing and commissioning. Below are some of the major materials:</p> <ul style="list-style-type: none"> <li>• 132kV OHL 400mm<sup>2</sup> All Aluminum Alloy Conductors (AAAC)</li> <li>• Optical Ground Wires (OPGW)</li> <li>• Steel Towers (Lattice Type) – TST, MAT, DET, etc.</li> <li>• Other OHL accessories</li> </ul> <p><b>Civil Works:</b></p> <ul style="list-style-type: none"> <li>• Complete line route and tower site survey</li> <li>• Right of way and access road</li> <li>• Soil investigation</li> <li>• Foundation</li> </ul>

## **ANNEXURE - F**

### **OTHER PROJECT EXPERIENCE DETAILS**

