

Prequalification Technical Criteria for Building Construction Projects (Grade AA)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Resources:

- Minimum No. of manpower: 100
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required (per Each)	Minimum No. of Years of Experience in the Application Field Required (for each)
Sr. Civil Engineer w/ CRPEP License	2	15	5
Civil Engineer w/CRPEP License	3	8	5
Civil Engineering Technician	5	8	5
Safety Officer	2	5	5

- Technicians should be certified (BSc or Diploma Certificate in the engineering field) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience :

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than **BD 4, 000,000/-** with Moderate complexity level or above. *(The single largest project requirement is mandatory for New & Upgrading prequalification applications and optional for renewal Prequalification applications)*
- Minimum 3 Projects completed in the last 3 Years in the field (construction) of application.
- Minimum no. of 7 years' experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).
- The Upgrading will be limited to one grade per an application.

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
Tower Crane	3	Leveling instrument	2
Rock Breaker	1	Vehicle	As required.
Dumping truck	2	JCB	4
Roller	1	Total Station	1

- Owned/Leased Basic Plant Relevant to the field of application.

Note:

- The Contracting Company should be (ISO 9001:2015) certified or with an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Complexity Level Details are in page 2.

Prequalification Technical Criteria for Building Construction Projects (Grade AA-International)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Resources:

- Minimum No. of manpower: 200
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required (per Each)	Minimum No. of Years of Experience in the Application Field Required (for each)
Sr. Civil Engineer	2	15	8
Civil Engineer	3	8	5
Civil Engineering Technician	5	8	5
Safety Officer	2	5	5

- Civil Engineers should be certified (BSc Certificate in engineering) and Licensed (CRPEP equivalent) as Engineers in their company's headquarter country.
- Technicians should be certified (BSc or Diploma Certificate in engineering) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience:

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than **BD 8, 000,000/-** with Major complexity level.
- Minimum 3 Projects completed in the last 3 Years in the field (construction) of application.
- Minimum no. of 10 years' experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
Tower Crane	3	Leveling instrument	2
Rock Breaker	1	Vehicle	As required.
Dumping truck	2	JCB	JCB
Roller	1	Total Station	Total Station

- Owned/Leased Basic Plant Relevant to the field of application.

Note:

- The Contracting Company should be (ISO 9001:2015) certified or with an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Complexity Level Details are in page 2.

Prequalification Technical Criteria for Building Construction Projects (Grade A)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Resources:

- Minimum No. of manpower: 75
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required (per Each)	Minimum No. of Years of Experience in the Application Field Required (for each)
Sr. Civil Engineer w/ CRPEP License	2	15	5
Civil Engineer w/ CRPEP License	2	8	5
Civil Engineering Technician	4	5	5
Safety officer	1	5	5

- Technicians should be certified (BSc or Diploma Certificate in the engineering field) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience:

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than **BD 2, 000,000/-** with Moderate complexity level or above. *(The single largest project requirement is mandatory for New & Upgrading prequalification applications and optional for renewal Prequalification applications)*
- Minimum 3 Projects completed in the last 3 Years in the field (construction) of application.
- Minimum no. of 5 years' experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).
- The Upgrading will be limited to one grade per an application.

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
Tower Crane	2	Leveling instrument	2
Rock Breaker	1	Vehicle	As required.
Dumping Truck	2	JCB	3
Roller	1	Total Station	1

- Owned/Leased Basic Plant Relevant to the field of application.

Note:

- The Contracting Company should be (ISO 9001:2015) certified or with an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Complexity Level Details are in page 2.

Prequalification Technical Criteria for Building Construction Projects (Grade B)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Resources:

- Minimum No. of manpower: 50
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required (per Each)	Minimum No. of Years of Experience in the Application Field Required (for each)
Civil Engineer w/ CRPEP License	2	5	5
Civil Engineering Technician	4	3	3
Safety officer	1	3	3

- Technicians should be certified (BSc or Diploma Certificate in the engineering field) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience :

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than **BD 1, 000,000/-** with Minor complexity level or above. *(The single largest project requirement is mandatory for New & Upgrading prequalification applications and optional for renewal Prequalification applications)*
- Minimum 3 Projects completed in the last 3 Years in the field (construction) of application.
- Minimum no. of 4 years' experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).
- The Upgrading will be limited to one grade per an application.

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
Rock Breaker	1	Vehicle	As required.
Dumper	2	Total Station	1
Roller	1	Leveling instrument	2
JCB	2		

- Owned/Leased Basic Plant Relevant to the field of application.

Note: Complexity Level Details are in page 2.

Prequalification Technical Criteria for Building Construction Projects (Grade C)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Resources:

- Minimum No. of manpower: 35
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required (per Each)	Minimum No. of Years of Experience in the Application Field Required (for each)
Civil Engineer w/ CRPEP License	2	5	5
Civil Engineering Technician	4	3	3
Safety officer	1	3	3

- Technicians should be certified (BSc or Diploma Certificate in the engineering field) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience :

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than BD 500,000/- with Minor complexity level or above. *(The single largest project requirement is mandatory for New & Upgrading prequalification applications and optional for renewal Prequalification applications)*
- Minimum 2 Projects completed in the last 3 Years in the field (construction) of application.
- Minimum no. of 3 years' experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).
- The Upgrading will be limited to one grade per an application.

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
Rock Breaker	1	Vehicle	As required.
Dumper	1	Theodolite	1
Roller	1	Leveling instrument	1
JCB	1		

- Owned/Leased Basic Plant Relevant to the field of application.

Note: Complexity Level Details are in page 2.

Prequalification Technical Criteria for Building Construction Projects (Grade D)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Resources:

- Minimum No. of manpower: 20
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required (per Each)	Minimum No. of Years of Experience in the Application Field Required (for each)
Civil Engineer w/CRPEP License	1	5	3
Civil Engineering Technician	2	3	3
Safety officer	1	3	3

- Technicians should be certified (BSc or Diploma Certificate in the engineering field) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience :

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than BD 200,000/- with Minor complexity level or above. *(The single largest project requirement is mandatory for New & Upgrading prequalification applications and optional for renewal Prequalification applications)*
- Minimum 2 Projects completed in the last 3 Years in the field (construction) of application.
- Minimum no. of 3 years' experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).
- The Upgrading will be limited to one grade per an application.

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
Roller	1	Leveling instrument	1
JCB	1	Vehicle	As required.
Theodolite	1		

- Owned/Leased Basic Plant Relevant to the field of application.

Note: Complexity Level Details are in page 2.

Prequalification Technical Criteria for Building Construction Projects (Grade E)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Resources:

- Minimum No. of manpower: 15
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required (per Each)	Minimum No. of Years of Experience in the Application Field Required (for each)
Civil Engineer w/CRPEP License	1	3	3
Civil Engineering Technician	2	2	2
Safety officer	1	2	2

- Technicians should be certified (BSc or Diploma Certificate the engineering field) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience :

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than BD 100,000/- with Minor complexity level or above. *(The single largest project requirement is mandatory for New & Upgrading prequalification applications and optional for renewal Prequalification applications)*
- Minimum 2 Projects completed in the last 3 Years in the field (construction) of application.
- Minimum no. of 3 years' experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).
- The Upgrading will be limited to one grade per an application.

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
JCB	1	Leveling instrument	1
Theodolite	1	Vehicle	As required.

- Owned/Leased Basic Plant Relevant to the field of application.

Note: Complexity Level Details are in page 2.

Prequalification Technical Criteria for Building Construction Projects (Grade F)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Resources:

- Minimum No. of manpower: 15
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required (per Each)	Minimum No. of Years of Experience in the Application Field Required (for each)
Civil Engineer w/CRPEP License	1	3	3
Civil Engineering Technician	1	2	2
Safety officer	1	3	3

- Technicians should be certified (BSc or Diploma Certificate the engineering field) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience :

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than BD 30,000/- with Minor complexity level or above. *(The single largest project requirement is mandatory for New & Upgrading prequalification applications and optional for renewal Prequalification applications)*
- Minimum 2 Projects completed in the last 3 Years in the field (construction) of application.
- Minimum no. of 2 years' experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).
- The Upgrading will be limited to one grade per an application.

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
JCB	1	Leveling instrument	1
Theodolite	1	Vehicle	As required.

- Owned/Leased Basic Plant Relevant to the field of application.

Note: Complexity Level Details are in page 2.

Complexity Levels of Building Construction Projects

SL No.	MINOR	MODERATE	MAJOR
I.	Up to BD. 2 Million	BD. 2 to 6 Million	Above BD. 6 Million
1	Housing Buildings up to 3 Storeyed	Housing Buildings 4-9 Storeyed	Housing Buildings above 9 Storeyed
2	Multi-storeyed Hotel Building (Normal)	Multi-storeyed Hotel Building (3 & 4 Star Hotels)	Multi-storeyed Hotel Building (5 Star Hotels)
3	Shopping Malls (Small)	Shopping Malls (Medium)	Shopping Malls (Big)
4	Educational Buildings (Schools & Colleges)- (Small)	Educational Buildings (Schools and Colleges)	Educational Buildings (University Buildings)
5	Hospitals, Health Centres, Social Centers (Small)	Hospitals, Health Centers, Social Centers	Large Hospital Complexes & Medical City
6	Mosques, Museums, Historical & Archeological Buildings (Small)	Mosques, Museums, Historical & Archeological Buildings (Medium)	Mosques, Museums, Historical & Archeological Buildings (Big)
7	Multi-Storeyed Buildings (Up to 5 Storey)	Multi-Storeyed Buildings (5 to 10 Storey)	High Rise Buildings (above 10 Storey)
8	Small Industrial Buildings	Medium Industrial Buildings (Warehouses, Factories, Production & Processing Units)	Heavy Industries Projects
9	Modifications & Extension works to Stadium and Sports complexes	Major Modifications & Extension works to Stadium and Sports complexes	Construction of new Stadium & Sports Complexes

Prequalification Technical Criteria for Building Maintenance Works (Grade AA)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Recourses:

- Minimum No. of manpower 50
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required (per Each)	Minimum No. of Years of Experience in the Application Field Required (for each)
Civil Engineer W/CRPEP License	2	5	5
Civil Engineering Technician	2	5	5
Safety Officer	1	5	4

- Technicians should be certified (BSc or Diploma Certificate in the engineering field) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience :

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than **BD 500,000/-** . *(The single largest project requirement is mandatory for New & Upgrading prequalification applications and optional for renewal Prequalification applications)*
- Minimum **3** Projects completed in the field of application in the last 3 years.
- Minimum no. of **5** years' experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).
- The Upgrading will be limited to one grade per an application.

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
Service Vehicles	4	Jackhammer	2
5 ton Lorry/Truck	1	Water spray jet	2
Air compressor 22 m ³	1	Interlock cutter	1
Concrete mixer closed drum with hopper	1	Concrete vibrator	2
Welding Machine	2	Grinding machine	1
Acetylene-cutting equipment	1		

- Owned/Leased Basic Plant Relevant to the field of application.

Note:

- The Contracting Company should be (ISO 9001:2015) certified or with an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

Prequalification Technical Criteria for

Building Maintenance Works (Grade AA-International)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Recourses:

- Minimum No. of manpower 50
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required (per Each)	Minimum No. of Years of Experience in the Application Field Required (for each)
Sr. Civil Engineer	2	10	7
Civil Engineering Technician	2	7	5
Safety Officer	1	5	4

- Civil Engineers should be certified (BSc Certificate in civil engineering) and Licensed (CRPEP equivalent) as Engineers in their company headquarter country.
- Technicians should be certified (BSc or Diploma Certificate in engineering) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience :

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than **BD 1,000,000/-** .
- Minimum 3 Projects completed in the field of application in the last 3 years.
- Minimum no. of 8 years' experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
Service Vehicles	4	Jackhammer	2
5 ton Lorry/Truck	1	Water spray jet	2
Air compressor 22 m ³	1	Interlock cutter	1
Concrete mixer closed drum with hopper	1	Concrete vibrator	2
Welding Machine	2	Grinding machine	1
Acetylene-cutting equipment	1		

- Owned/Leased Basic Plant Relevant to the field of application.

Note:

- The Contracting Company should be (ISO 9001:2015) certified or with an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

Prequalification Technical Criteria for Building Maintenance Works (Grade A)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Recourses:

- Minimum No. of manpower 35
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required (per Each)	Minimum No. of Years of Experience in the Application Field Required (for each)
Civil Engineer W/CRPEP License	2	5	5
Civil Engineering Technician	2	5	5
Safety Officer	1	5	4

- Technicians should be certified (BSc or Diploma Certificate the engineering field) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience :

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than BD 400,000/- . *(The single largest project requirement is mandatory for New & Upgrading prequalification applications and optional for renewal Prequalification applications)*
- Minimum 3 Projects completed in the field of application in the last 3 years.
- Minimum no. of 5 years' experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).
- The Upgrading will be limited to one grade per an application.

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
Service Vehicles	3	Jackhammer	2
5 ton Lorry/Truck	1	Water spray jet	2
Air compressor 22 m ³	1	Interlock cutter	1
Concrete mixer closed drum with hopper	1	Concrete vibrator	2
Welding Machine	2	Grinding machine	1
Acetylene-cutting equipment	1		

- Owned/Leased Basic Plant Relevant to the field of application.

Prequalification Technical Criteria for Building Maintenance Works (Grade B)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Recourses:

- Minimum No. of manpower 25
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required (per Each)	Minimum No. of Years of Experience in the Application Field Required (for each)
Civil Engineer W/CRPEP License	1	4	4
Civil Engineering Technician	2	4	4
Safety Officer	1	5	4

- Technicians should be certified (BSc or Diploma Certificate in the engineering field) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience :

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than **BD 200,000/-**. *(The single largest project requirement is mandatory for New & Upgrading prequalification applications and optional for renewal Prequalification applications)*
- Minimum 3 Projects completed in the field of application in the last 3 years.
- Minimum no. of 4 years' experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).
- The Upgrading will be limited to one grade per an application.

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
Service Vehicles	2	Jackhammer	1
5 ton Lorry/Truck	1	Water spray jet	2
Air compressor 22 m ³	1	Interlock cutter	1
Concrete mixer closed drum with hopper	1	Concrete vibrator	2
Welding Machine	1	Grinding machine	1
Acetylene-cutting equipment	1		

- Owned/Leased Basic Plant Relevant to the field of application.

Prequalification Technical Criteria for Building Maintenance Works (Grade C)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Recourses:

- Minimum No. of manpower 20
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required (per Each)	Minimum No. of Years of Experience in the Application Field Required (for each)
Civil Engineer W/CRPEP License	1	3	3
Civil Engineering Technician	1	3	3
Safety Officer	1	3	3

- Technicians should be certified (BSc or Diploma Certificate in the engineering field) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience :

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than **BD 100,000/-** . *(The single largest project requirement is mandatory for New & Upgrading prequalification applications and optional for renewal Prequalification applications)*
- Minimum 3 Projects completed in the field of application in the last 3 years.
- Minimum no. of 3 years' experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).
- The Upgrading will be limited to one grade per an application.

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
Service Vehicles	2	Jackhammer	1
3 ton Lorry/Truck	1	Water spray jet	1
Air compressor 11 m ³	1	Interlock cutter	1
Concrete mixer closed drum with hopper	1	Concrete vibrator	1
Welding Machine	1	Grinding machine	1
Acetylene-cutting equipment	1		

- Owned/Leased Basic Plant Relevant to the field of application.

Prequalification Technical Criteria for Building Maintenance Works (Grade D)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Recourses:

- Minimum No. of manpower 17
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required per each	Minimum No. of Years of Experience (per each) in the Application Field Required
Civil Engineer W/CRPEP License	1	3	3
Civil Engineering Technician	1	2	2
Safety Officer	1	2	2

- Technicians should be certified (BSc or Diploma Certificate in the engineering field) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience :

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than **BD 50,000/-**. *(The single largest project requirement is mandatory for New & Upgrading prequalification applications and optional for renewal Prequalification applications)*
- Minimum 3 Projects completed in the field of application in the last 3 years.
- Minimum no. of 3 years' experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).
- The Upgrading will be limited to one grade per an application.

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
Service Vehicles	1	Jackhammer	1
3 ton Lorry/Truck	1	Water spray jet	1
Air compressor 11 m ³	1	Interlock cutter	1
Concrete mixer closed drum with hopper	1	Concrete vibrator	1
Welding Machine	1	Grinding machine	1
Acetylene-cutting equipment	1		

- Owned/Leased Basic Plant Relevant to the field of application.

Prequalification Technical Criteria for Building Maintenance Works (Grade E)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Recourses:

- Minimum No. of manpower 15
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required (per Each)	Minimum No. of Years of Experience in the Application Field Required (for each)
Civil Engineer W/CRPEP License	1	2	2
Civil Engineering Technician	1	2	2
Safety Officer	1	2	2

- Technicians should be certified (BSc or Diploma Certificate in the engineering field) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience :

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than **BD 25,000/-**. *(The single largest project requirement is mandatory for New & Upgrading prequalification applications and optional for renewal Prequalification applications)*
- Minimum 2 Projects completed in the field of application in the last 3 years.
- Minimum no. of 3 years' experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).
- The Upgrading will be limited to one grade per an application.

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
Service Vehicles	1	Jackhammer	1
3 ton Lorry/Truck	1	Water spray jet	1
Air compressor 11 m ³	1	Interlock cutter	1
Concrete mixer closed drum with hopper	1	Concrete vibrator	1
Welding Machine	1	Grinding machine	1
Acetylene-cutting equipment	1		

- Owned/Leased Basic Plant Relevant to the field of application.

Prequalification Technical Criteria for Building Maintenance Works (Grade F)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Resources:

- Minimum No. of manpower 12
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required per each	Minimum No. of Years of Experience (per each) in the Application Field Required
Civil Engineering Technician	1	2	2
Safety Officer	1	2	2

- Technicians should be certified (BSc or Diploma Certificate in the engineering field) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience :

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than **BD 15,000/-**. *(The single largest project requirement is mandatory for New & Upgrading prequalification applications and optional for renewal Prequalification applications)*
- Minimum 2 Projects completed in the field of application in the last 3 years.
- Minimum no. of 2 years' experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).
- The Upgrading will be limited to one grade per an application.

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
Service Vehicles	1	Jackhammer	1
3 ton Lorry/Truck	1	Water spray jet	1
Air compressor 11 m ³	1	Interlock cutter	1
Concrete mixer closed drum with hopper	1	Concrete vibrator	1
Welding Machine	1	Grinding machine	1
Acetylene-cutting equipment	1		

- Owned/Leased Basic Plant Relevant to the field of application.

Prequalification Technical Criteria for Electrical Works for Buildings (Grade 1)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Recourses:

- Minimum No. of manpower 30
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required (per Each)	Minimum No. of Years of Experience in the Application Field Required (for each)
Electrical Engineer W/CRPEP License	2	5	5
Electrical Technician W/EDD License*	4	3	3
Wireman/ HV & LV Cable Jointer w/EDD License	4	3	3
Safety Officer	1	5	4

- Technicians should be certified (BSc or Diploma Certificate in the engineering field) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Electrical Engineers/Technicians / Wiremen/Cable Jointer should have a valid License Issued by EDD, or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning. *
- Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience:

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than BD 200,000/-. *(The single largest project requirement is mandatory for New & Upgrading prequalification applications and optional for renewal Prequalification applications)*
- Minimum 3 Projects completed in the field of application.
- Minimum no. of 4 years' experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).
- Submitting a valid EDD Contractor's License Grade 1.
- The Upgrading will be limited to one grade per an application.

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
Portable Generator	1	Fabre glass Electrician Step Ladder	2
Underground Utility Locator Accessories /Cable Avoidance Tester.	1	Cutting & Drilling machine	2
All electrical testing equipment's & shall be periodically calibrated	2	Multi-functional Tester	2
Full set of Electrical Tool Box	3	Hand operated Pneumatic / Electrical digging machine.	1
Grinding Machine	3	Van and a Driver	1
		Portable Mechanical Lifting Machine.	2

- Owned Basic Plant Relevant to the field of application.

Prequalification Technical Criteria for Electrical Works for Buildings (Grade 1-International)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Recourses:

- Minimum No. of manpower 30
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required (per Each)	Minimum No. of Years of Experience in the Application Field Required (for each)
Sr. Electrical Engineer	2	10	7
Electrical Engineering Technician	4	5	3
Wireman / HV & LV Cable Jointer	4	3	3
Safety Officer	1	5	4

- Electrical Engineers should be certified (BSc Certificate in Electrical engineering) and Licensed (CRPEP equivalent) as Engineers in their company headquarter country.
- Electrical Technicians should be certified (BSc or Diploma Certificate in the engineering field) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Wiremen/Cable Jointers should have an approved valid professional certificate & License equivalent to Kingdom of Bahrain wireman EDD License or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience :

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than BD 500,000/-.
- Minimum 3 Projects completed in the field of application.
- Minimum no. of 8 years' experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
Portable Generator	1	Fabre glass Electrician Step Ladder	2
Underground Utility Locator Accessories /Cable Avoidance Tester.	1	Cutting & Drilling machine	2
All electrical testing equipment's & shall be periodically calibrated	2	Multi-functional Tester	2
Portable Mechanical Lifting Machine.	2	Hand operated Pneumatic / Electrical digging machine.	1
Grinding Machine	3	Van and a Driver	1
Full set of Electrical Tool Box	3		

- Owned Basic Plant Relevant to the field of application.

Note:

- The Contracting Company should be (ISO 9001:2015) certified or with an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

Prequalification Technical Criteria for Electrical Works for Buildings (Grade 2)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Recourses:

- Minimum No. of manpower 20
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required (per each)	Minimum No. of Years of Experience in the Application Field Required (for each)
Electrical Engineer w/CRPEP License	2	4	3
Electrical Technician w/EDD License*	3	3	2
Wireman / HV & LV Cable Jointer w/EDD License	3	3	2
Safety Officer	1	5	4

- Technicians should be certified (BSc or Diploma Certificate in the engineering field) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Electrical Engineers/Technicians / Wiremen/Cable Jointer should have a valid License Issued by EDD or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning. *
- Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience:

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than BD 100,000/- . *(The single largest project requirement is mandatory for New & Upgrading prequalification applications and optional for renewal Prequalification applications)*
- Minimum 3 Projects completed in the field of application in the last 3 years.
- Minimum no. of 3 years' experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).
- Submitting a valid EDD Contractor's License Grade 2 .
- The Upgrading will be limited to one grade per an application.

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
Portable Generator	1	Fabre glass Electrician Step Ladder	2
Underground Utility Locator Accessories / Cable Avoidance Tester.	1	Cutting & Drilling machine	2
All electrical testing equipment's & shall be periodically calibrated	2	Multi-functional Tester	2
Full set of Electrical Tool Box	3	Hand operated Pneumatic / Electric digging Machine.	1
Grinding Machine	2	Van and a Driver	1
		Portable Mechanical Lifting Machine	1

- Owned Basic Plant Relevant to the field of application.

Prequalification Technical Criteria for Electrical Works for Buildings (Grade 3)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Recourses:

- Minimum No. of manpower 15
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required (per Each)	Minimum No. of Years of Experience in the Application Field Required (for each)
Electrical Engineer w/CRPEP License	1	4	3
Electrical Technician w/EDD License *	2	3	2
Wireman/ LV Cable Jointer w/EDD License w/EDD License	3	3	2
Safety Officer	1	3	2

- Technicians should be certified (BSc or Diploma Certificate in the engineering field) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Electrical Engineers/Technicians / Wiremen/Cable Jointer should have a valid License Issued by EDD or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning. *
- Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety "completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience:

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than **BD 50,000/-**. *(The single largest project requirement is mandatory for New & Upgrading prequalification applications and optional for renewal Prequalification applications)*
- Minimum 2 Projects completed in the field of application in the last 3 years.
- Minimum no. of 2 years' experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).
- Submitting a valid EDD Contractor's License Grade 3.
- The Upgrading will be limited to one grade per an application.

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
Portable Generator	1	Fabre glass Electrician Step Ladder	2
Underground Utility Locator Accessories.	1	Cutting & Drilling machines	2
All electrical testing equipment's & shall be periodically calibrated	2	Multi-functional Tester	2
Full set of Electrical Tool Box	2	Hand operated Pneumatic / Electric digging machine.	1
Grinding Machine	2	Van and a Driver	1
		Portable Mechanical Lifting Machine	1

- Owned/Leased Basic Plant Relevant to the field of application.

Prequalification Technical Criteria for Electromechanical Works for Building Maintenance Works (Grade A)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Resources:

- Minimum No. of manpower 30
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required (per Each)	Minimum No. of Years of Experience in the Application Field Required (for each)
Electrical Engineer W/CRPEP License	2	5	5
Mechanical Engineer W/CRPEP License	2	5	4
Mechanical Technician	3	5	4
Electrical Technician W/EDD License *	2	5	4
Safety Officer	1	5	4

- Technicians should be certified (BSc or Diploma Certificate in the engineering field) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Electrical Engineers/Technicians / Wiremen should have a valid License Issued by EDD or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning. *
- Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience :

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than **BD 200,000/-**. *(The single largest project requirement is mandatory for New & Upgrading prequalification applications and optional for renewal Prequalification applications)*
- Minimum 3 Projects completed in the field of application in the last 3 years.
- Minimum no. of 5 years' experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).
- Submitting a valid EDD Contractor's License Grade 1.
- The Upgrading will be limited to one grade per an application.

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
Portable Generator	1	Fiber Glass Electrical Step Ladder	2
Underground Utility Locator Accessories / Cable Avoidance Tester	1	Full set of Mechanical tool box & Portable Mechanical Lifting Machine.	2
Thread cutting machine – Electric operated	1	Pipe bending machine & Refrigeration test equipment	3
Multi-tester Instrument.	2	Hand operated Pneumatic / Electric digging machine.	2
Full set of Electrical Tool Box	3	Van and a Driver	1
Grinding, drilling & cutting Machine	3	Arc welding & hard Soldering machine	2

- Owned/Leased Basic Plant Relevant to the field of application.

Prequalification Technical Criteria for Electromechanical Works for Building Maintenance Works (Grade A-International)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Recourses:

- Minimum No. of manpower 30
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required (per Each)	Minimum No. of Years of Experience in the Application Field Required (for each)
Electrical Engineer	2	10	7
Mechanical Engineer	2	10	7
Mechanical Technician	3	5	4
Electrical Technician	2	5	4
Safety Officer	1	5	4

- Electrical & Mechanical Engineers should be certified (BSc Certificate in Electrical & Mechanical engineering) and Licensed (CRPEP equivalent) as Engineers in their company headquarter country.
- Electrical & Mechanical Technicians should be certified (BSc or Diploma Certificate in the engineering field) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience:

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than **BD 500,000/-**.
- Minimum 4 Projects completed in the field of application in the last 3 years.
- Minimum no. of 8 years' experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
Portable Generator	1	Fiber Glass Electrical Step Ladder.	2
Underground Utility Locator Accessories / Cable Avoidance Tester	1	Full set of Mechanical tool box & Portable Mechanical Lifting Machine.	2
Thread cutting machine – Electric operated	1	Pipe bending machine & Refrigeration test equipment	3
Multi-tester Instrument.	2	Hand operated Pneumatic / Electric digging machine.	2
Full set of Electrical Tool Box	3	Van and a Driver	1
Grinding, drilling & cutting Machine	3	Arc welding & hard Soldering machine	2

- Owned/Leased Basic Plant Relevant to the field of application.

Note:

- The Contracting Company should be (ISO 9001:2015) certified or with an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

Prequalification Technical Criteria for Electromechanical Works for Building Maintenance Works (Grade B)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Recourses:

- Minimum No. of manpower 20
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required (per Each)	Minimum No. of Years of Experience in the Application Field Required (for each)
Electrical Engineer W/CRPEP License	1	5	5
Mechanical Engineer W/CRPEP License	2	5	4
Mechanical Technician	2	5	4
Electrical Technician W/EDD License*	2	5	4
Safety Officer	1	4	3

- Technicians should be certified (BSc or Diploma Certificate in the engineering field) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Electrical Engineers/Technicians / Wiremen should have a valid License Issued by EDD or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning. *
- Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience:

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than **BD 100,000/-**. *(The single largest project requirement is mandatory for New & Upgrading prequalification applications and optional for renewal Prequalification applications)*
- Minimum 2 Projects completed in the field of application in the last 3 years.
- Minimum no. of 4 years' experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).
- Submitting a valid EDD Contractor's License Grade 2 .
- The Upgrading will be limited to one grade per an application.

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
Portable Generator	1	Fiber Glass Electrical Step Ladder	2
Underground Utility Locator Accessories.	1	Full set of Mechanical tool box & Portable Mechanical Lifting Machine.	2
Thread cutting machine – Electric operated	1	Pipe bending machine & Refrigeration test equipment	2
Multi-tester Instrument.	2	Hand operated Pneumatic / Electric digging machine.	2
Full set of Electrical Tool Box	2	Van and a Driver	1
Grinding, drilling & cutting Machine	2	Arc welding & hard Soldering machine	2

- Owned/Leased Basic Plant Relevant to the field of application.

Prequalification Technical Criteria for Electromechanical Works for Building Maintenance Works (Grade C)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Recourses:

- Minimum No. of manpower 15
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required (per Each)	Minimum No. of Years of Experience in the Application Field Required (for each)
Electrical Engineer W/CRPEP License	1	5	5
Mechanical Engineer W/CRPEP License	1	5	4
Mechanical Technician	1	5	4
Electrical Technician W/EDD License*	1	5	4
Safety Officer	1	4	3

- Technicians should be certified (BSc or Diploma Certificate in the engineering field) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Electrical Engineers/Technicians / Wiremen should have a valid License Issued by EDD or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning. *
- Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience:

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than **BD 50,000/-**. *(The single largest project requirement is mandatory for New & Upgrading prequalification applications and optional for renewal Prequalification applications)*
- Minimum 2 Projects completed in the field of application in the last 3 years.
- Minimum no. of 3 years' experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).
- Submitting a valid EDD Contractor's License Grade 3.
- The Upgrading will be limited to one grade per an application.

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
Portable Generator	1	Fiber Glass Electrical Step Ladder	2
Underground Utility Locator Accessories / Cable Avoidance Tester.	1	Full set of Mechanical tool box & Portable Mechanical Lifting Machine.	2
Thread cutting machine – Electric operated	1	Pipe bending machine & Refrigeration test equipment	2
Multi-tester Instrument.	2	Hand operated Pneumatic / Electric digging machine.	2
Full set of Electrical Tool Box	3	Van and a Driver	1
Grinding, drilling & cutting Machine	3	Arc welding & hard Soldering machine	2

- Owned/Leased Basic Plant Relevant to the field of application.

Prequalification Technical Criteria for Mechanical Works for Buildings (Grade A)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Recourses:

- Minimum No. of manpower 35
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required (per Each)	Minimum No. of Years of Experience in the Application Field Required (for each)
Mechanical Engineer W/CRPEP License	2	8	4
Mechanical Technician	3	5	4
Plumber with EWA license	1	5	4
Safety Officer	1	5	4

- Technicians should be certified (BSc or Diploma Certificate in the engineering field) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Plumber should have a valid License Issued by EWA or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience:

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than BD 300,000/- . *(The single largest project requirement is mandatory for New & Upgrading prequalification applications and optional for renewal Prequalification applications)*
- Minimum 4 Projects completed in the field of application in the last 3 years.
- Minimum no. of 3 years' experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).
- The Upgrading will be limited to one grade per an application.

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
Underground Utility Locator Accessories / Cable Avoidance Tester	1	Service Vehicle	3
Thread cutting machine – Electric operated	1	Pipe bending machine & Refrigeration test equipment	3
Multi-tester Instrument.	2	Grinding, drilling & cutting Machine	3
Hand operated Pneumatic / Electric digging machine.	2	Arc welding & hard Soldering machine with qualified operators	2

- Owned/Leased Basic Plant Relevant to the field of application.

Prequalification Technical Criteria for Mechanical Works for Buildings (Grade A-International)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Recourses:

- Minimum No. of manpower 75
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required (per Each)	Minimum No. of Years of Experience in the Application Field Required (for each)
Mechanical Engineer	2	10	4
Mechanical Technician	3	5	4
Safety Officer	1	5	4

- Mechanical Engineers should be certified (BSc Certificate in Mechanical engineering) and Licensed (CRPEP equivalent) as Engineers in their company headquarter country.
- Mechanical Technicians should be certified (BSc or Diploma Certificate in the engineering field) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience :

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than BD 750,000/-.
- Minimum 4 Projects completed in the field of application in the last 3 years.
- Minimum no. of 8 years experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
Underground Utility Locator Accessories / Cable Avoidance Tester	1	Service Vehicle	3
Thread cutting machine – Electric operated	1	Pipe bending machine & Refrigeration test equipment	3
Multi-tester Instrument.	2	Hand operated Pneumatic / Electric digging machine.	2
Grinding, drilling & cutting Machine	3	Arc welding & hard Soldering machine with qualified operators	2

- Owned/Leased Basic Plant Relevant to the field of application.

Note:

- The Contracting Company should be (ISO 9001:2015) certified or with an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

Prequalification Technical Criteria for Mechanical Works for Building (Grade B)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Recourses:

- Minimum No. of manpower 25
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required (per Each)	Minimum No. of Years of Experience in the Application Field Required (for each)
Mechanical Engineer W/CRPEP License	1	5	4
Mechanical Technician	2	5	4
Safety Officer	1	4	3

- Technicians should be certified (BSc or Diploma Certificate in the engineering field) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning
- Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience:

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than BD 100,000/-. *(The single largest project requirement is mandatory for New & Upgrading prequalification applications and optional for renewal Prequalification applications)*
- Minimum 3 Projects completed in the field of application in the last 3 years.
- Minimum no. of 3 years' experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).
- The Upgrading will be limited to one grade per an application.

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
Underground Utility Locator Accessories / Cable Avoidance Tester	1	Service Vehicle	2
Thread cutting machine – Electric operated	1	Pipe bending machine & Refrigeration test equipment	2
Multi-tester Instrument.	2	Hand operated Pneumatic / Electric digging machine.	2
Grinding, drilling & cutting Machine	3	Arc welding & hard Soldering machine with qualified operators	2

- Owned/Leased Basic Plant Relevant to the field of application.

Prequalification Technical Criteria for Mechanical Works for Building (Grade C)

1- Eligibility:

- Covered in CED Pre-Qualification Application Requirements.

2- Organization & Human Recourses:

- Minimum No. of manpower 20
- Minimum No. of Technical Recourse:

Technical Staff Specialty	Minimum No. Required	Minimum No. of Years of overall Experience Required (per Each)	Minimum No. of Years of Experience in the Application Field Required (for each)
Mechanical Engineer W/CRPEP License	1	5	4
Mechanical Technician	1	5	4
Safety Officer	1	3	3

- Technicians should be certified (BSc or Diploma Certificate in the engineering field) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.
- Safety Officer should have Certificates (Managing Safety from IOSH or NEBOSH international General Certificate in occupational Health & Safety completing IGC1, IGC2 & IGC3) or an equivalent approved by Ministry of Works, Municipalities Affairs and Urban Planning.

3- Experience :

- Minimum Completion of one Project in the application field in the last 3 years valued equal or more than **BD 50,000/-**. *(The single largest project requirement is mandatory for New & Upgrading prequalification applications and optional for renewal Prequalification applications)*
- Minimum 2 Projects completed in the field of application in the last 3 years.
- Minimum no. of 2 years' experience in the field of application.
- Satisfactory performance appraisal of the ongoing or completed MOW Projects (if the contractor is involved in any project with MOW as a party).
- The Upgrading will be limited to one grade per an application.

4- Plant & Equipment owned/ Leased:

Name of the Equipment	Min. no. required	Name of the Equipment	Min. no. required
Underground Utility Locator Accessories / Cable Avoidance Tester	1	Service Vehicle	1
Thread cutting machine – Electric operated	1	Pipe bending machine & Refrigeration test equipment	2
Multi-tester Instrument.	2	Hand operated Pneumatic / Electric digging machine.	1
Grinding, drilling & cutting Machine	3	Arc welding & hard Soldering machine with qualified operators	1

- Owned/Leased Basic Plant Relevant to the field of application.

MINISTRY OF WORKS, MUNICIPALITIES AFFAIRS &
URBAN PLANNING

PREQUALIFICATION FINANCIAL CRITERIA

Overview of Ratios adopted for Pre-qualification

Four Major Categories of Financial Ratios:

1. Liquidity
2. Profitability Sustainability
3. Operational Efficiency
4. Leverage

A. Liquidity Ratios

An important indication of financial health and whether the company has enough cash on an ongoing basis to meet operational obligations.

1. Current Ratio

Measures the ability to meet short term obligations, a useful indicator of cash flow in the near future. Ratio between 1.20 and 2.0 is generally considered sufficient while Ratio less than 1.0 indicates liquidity issues.

2. Quick Ratio

Indicates liquid assets that can be quickly converted to cash. Ratio of 1:1 means that the enterprise can pay its bills without having to sell inventory.

3. Working Capital

Indicates current assets over current liabilities required as working capital for operations of the company.

B. Profitability Sustainability Ratios

1. Gross Profit Margin

Enough gross profit is required to cover indirect costs and to plough back retained earnings for working capital needs and growth.

2. Net Profit Margin

Measures the ability to cover all operating costs including indirect costs.

3. Return on Assets

Indicates efficiency of operating assets. A low ratio compared to industry may mean that competitors have found a way to operate more efficiently.

4. Return on Equity

This is one of the important ratios to investors. This ratio indicates profit to compensate for the risk of being in business.

C. Operational Efficiency Ratios

Indicate efficiency of utilization of assets and managing liabilities. These ratios are used to compare performance over multiple periods.

1. Accounts Receivable Turnover (expressed in "Days in Accounts Receivable")

Indicates number of times trade receivables is turned over during the year, The higher the turnover, the shorter the time between sales & collecting cash.

2. Days in Inventory

Indicates efficiency of inventory turnover, A high ratio indicates inventory is selling quickly and little unused inventory is being stored. Low ratio suggests overstocking, obsolete inventory or there are selling issues.

3. Total Asset Turnover

Indicates efficiency of business to generate sales on each \$ of assets. Increasing ratio indicates assets being used more productively.

D. Leverage Ratio

It indicates the level of borrowed money utilization by an enterprise and its associated risk of liquidity crunch in case of reduced profitability.

1. Debt to Equity

Recommended ratio by practice is to maintain 2:1 (*i.e. Debt can be twice that of equity as a limiting factor*).

2. Gearing Ratio

Indicates the extent of financial leverage the company has in terms of borrowed funds versus equity. Higher ratio when economy & company is sound, provides high profit margin, and when there is down turn in economy & company goes through downslide of margin, higher gearing ratio can lead the company to bankruptcy.

Assumptions in recommended Financial Ratios

1. Analysis is done for the last 3 years Audited Financial Statements (AFS) with the following weightage:

- Latest AFS - 70%
- Previous to latest AFS - 20%
- Last AFS - 10%

There will be 2 Stages of Financial Evaluation

- 1st Stage (Pass or Fail marks)
* *Contractors with less than 75 points will be rejected in Grade category applied for*
- 2nd Stage (must get at least 75 points in the 1st Stage).
- Overall Score is the average of the points in the 1st & 2nd Stage.

Weightage Points for 1st Stage Evaluation (Pass or Fail):

- Working Capital = 30 points
- Net Worth = 30 points
- Current Ratio = 20 points
- Quick Acid Test Ratio = 20 points
- **Total Mark = 100 Points**

- If minimum Working Capital, Net Worth, Current Ratio & Quick Acid Test Ratio requirements are met, Contractor gets the assigned weightage points;
- If there is a shortfall on the minimum requirement, the Contractor gets ZERO on said criteria.

2. Weightage Points for 2nd Stage Evaluation:

- Turnover - 14 points
- Working Capital to Total Assets - 7 points
- Leverage Ratios - 21 Points
(Gearing, Debt to Equity & Total Liabilities to Total Assets Ratios)
- Gearing, Debt to Equity & Total Liabilities to Total Assets Ratios - 7 points each
- Operational Efficiency Ratios - 20 points
(Assets & Inventories Turnovers, Account Receivables Turn over)
- Assets and Inventories Turnovers - 5 points each
- Accounts Receivables Turnover - 10 points
- Profitability Sustainability Ratios - 38 points
(Return on Equity & Return on Assets, Gross Profit Margin & Profit Margin)
- Return on Equity & Return on Assets - 7 points each
- Gross Profit Margin & Profit Margin - 12 points each

3. Recommended Standardization of Benchmark & Full Implementation is 3 years, considering current economic situation & the number of contractors who would be able to qualify the pre-qualification criteria.

Proposed Step Incremental Benchmarking:

- Year 1 - 10% increase to the base figures
- Year 2 - 10% increase to the figures in year 1 of implementation.
- Year 3 - 10% increase to the figures in year 2 of implementation.

4. Overall Score will be classified as follows:

- Excellent = **above 90 points**
- Good = **75 points - 90 points**
- Average = **55 points - 74.99 points**
- Poor = **below 55 points**

5. Financial Evaluation Considerations:

- Contractors applying for New registration or Upgrade the prequalification license need to have at least **“Good”** Overall Score.
- Contractors with **“Average”** score can be consider only for prequalification license renewal applications.
- Audited Interim Financial Report for the ongoing financial/fiscal year can be taken in consideration for the first stage of the evaluation to measure the enhancement, if the last three years annual audited financial reports weighted average is not meeting the minimum benchmark required for the desired Category/Grade. This will only be consider for the financial evaluation first stage for prequalification license renewal applications and the overall financial evaluation will be consider **“Average”** regardless to the marks sum, The prequalification license in this case

is subjected to the company providing its latest Audited Annual financial report no later than one year from its current Prequalification license issuing date to re-evaluate company's financial status and confirm its compliance & suitability to the licensed Category/Grade Financial criteria requirements. *(Failing to submit the above details the prequalification license will be canceled, and the company will have to submit new prequalification application.)*

- If the last three years annual audited financial reports weighted average is not meeting the minimum benchmark required for the desired Category/Grade, the evaluation can be consider only the last year audited report ratios & values if it reflect an enhancement in the company's financial capacity and meets the minimum benchmark required for the desired Category/Grade, this will only be consider for the financial evaluation first stage for prequalification license renewal applications and the overall financial evaluation will be consider "Average" regardless to the marks sum, The prequalification license in this case is subjected to the company providing its latest Audited Annual financial report no later than one year from its current Prequalification license issuing date to re-evaluate company's financial status and confirm its compliance & suitability to the licensed Category/Grade Financial criteria requirements. *(Failing to submit the above details the prequalification license will be canceled, and the company will have to submit new prequalification application.)*

6. It is advised for the concerned parties to conduct a financial evaluation for the participant contractors in Tenders for the following conditions:

- If the contracting company is being, involve in several ongoing projects (more than a project at the same time) while tendering for a Ministry project(s).
- If the Contractor financial evaluation result during the prequalification process were, consider or result as "**Average**".
- If the project is highly valued (more than 10 Million) and/or with high technical complexity such as but not limited to (GCC fund project or major strategic projects that are mainly allocated for the top classified contractors (grade AA for the Main categories and grade A for the specialized categories were there is no Maximum value limit for participation).

Financial Criteria for Building Construction Projects

Category	Grade	Financial Limit per Project (BD)	Minimum Net Worth (Total Equity) (BD) (75% of Turnover)	Minimum Working Capital (BD) (35% of Turnover)	Minimum Annual Turnover (BD)
Building Construction Project	AA	Over 6,000,000	6,000,000	2,800,000	8,000,000
	A	Up to 6,000,000	4,500,000	2,100,000	6,000,000
	B	Up to 2,000,000	1,500,000	700,000	2,000,000
	C	Up to 1,000,000	750,000	350,000	1,000,000
	D	Up to 500,000	375,000	175,000	500,000
	E	Up to 200,000	150,000	70,000	200,000
	F	Up to 100,000	75,000	35,000	100,000

Category	Grade	Financial Limit per Project (BD)	Minimum Net Worth (Total Equity) (BD) (75% of Turnover)	Minimum Working Capital (BD) (35% of Turnover)	Minimum Annual Turnover (BD)
Building Construction Projects (International)	AA	Over 6,000,000	15,000,000	7,000,000	20,000,000

Financial Criteria for Building Maintenance Works

Category	Grade	Financial Limit per Project (BD)	Minimum Net Worth (Total Equity) (BD) (75% of Turnover)	Minimum Working Capital (BD) (35% of Turnover)	Minimum Annual Turnover (BD)
Building Maintenance Works	AA	Over 500,000	525,000	245,000	700,000
	A	Up to 500,000	375,000	175,000	500,000
	B	Up to 400,000	300,000	140,000	400,000
	C	Up to 200,000	150,000	70,000	200,000
	D	Up to 100,000	75,000	35,000	100,000
	E	Up to 50,000	37,500	17,500	50,000
	F	Up to 25,000	18,750	8,750	25,000

Category	Grade	Financial Limit per Project (BD)	Minimum Net Worth (Total Equity) (BD) (75% of Turnover)	Minimum Working Capital (BD) (35% of Turnover)	Minimum Annual Turnover (BD)
Building Maintenance Works (International)	AA	Over 500,000	750,000	350,000	1,000,000

Financial Criteria for Specialized Building Categories

Category	Grade	Financial Limit per Project (BD)	Minimum Net Worth (Total Equity) (BD) (75% of Turnover)	Minimum Working Capital (BD) (35% of Turnover)	Minimum Annual Turnover (BD)
Building Mechanical Works	A	Over 200,000	187,500	87,500	250,000
	B	Up to 200,000	150,000	70,000	200,000
	C	Up to 100,000	75,000	35,000	100,000
Building Electrical Works	1	Over 200,000	187,500	87,500	250,000
	2	Up to 200,000	150,000	70,000	200,000
	3	Up to 100,000	75,000	35,000	100,000
Building Electro Mechanical works -BMD	A	Over 200,000	187,500	87,500	250,000
	B	Up to 200,000	150,000	70,000	200,000
	C	Up to 100,000	75,000	35,000	100,000

Category	Grade	Financial Limit per Project (BD)	Minimum Net Worth (Total Equity) (BD) (75% of Turnover)	Minimum Working Capital (BD) (35% of Turnover)	Minimum Annual Turnover (BD)
Building Mechanical Works or Electro Mechanical works -BMD (International)	A	Over 500,000	750,000	350,000	1,000,000
Electrical Works (International)	1	Over 500,000	750,000	350,000	1,000,000