



Distribution Code **Review Panel**

Electrical Consultants Scheme

20th May 2019

Consultants Registration Process & Requirements:

The system of Consultants's registration within DCRP comprises Seven Categories. The license type with scope of work is detailed as below.

Registration License Categories:

1. Scoop of Work:

Sr.N	License Type	Scope of work
1	Network Construction Design & Supervision	A consultant who can provide expert surveying ,design, tendering, engineering, and supervision services for electrical distribution network (< 132 kV)
2	Network Survey & Design	A consultant who can provide expert services on surveying , Designing, Bill of Quantities and Cost Estimation for electrical distribution network (< 132 kV)
3	Distribution System Studies	A consultant who can provide expert studies on Demand Forecast , losses, system modeling, system stability & reliability, power quality ,assets performance and network masterplan services for electrical distribution network (< 132 kV)
4	SCADA & Control	A consultant who can provide expert services on SCADA Design , Troubleshooting , SCADA Testing & Commissioning and Cyber Security for electrical distribution network (< 132 kV)
5	Internal Wiring Design	A consultant who can provide expert services on Internal wiring for buildings, load balance calculations, street lights wiring design , testing & commissioning for electrical for service connection
6	Protection System Study	A consultant who can provide expert services on Design, Engineering, Relays Selection and Function Understanding, Relays Setting Calculations, protection Scheme, Logics and wiring , testing & commissioning for electrical distribution network (< 132 kV)
7	Solar PV Design	A consultant who can provide expert services on PV system Design, Selection and Function Understanding, Engineering, setting Calculations for PV system and Relays , Testing & Commissioning , for electrical distribution network (< 132 kV)

2. Staff Requirement

The company shall have the staff mentioned below as a minimum registration requirements for each category:

1-Network Construction Design & Supervision				
Category	Min. No.	Min. Qualification	Minimum Experience (In related Field)	Remarks
Project Manager	1	University Degree in Engineering	For expatriate: 15 years For Omanis : 10 years	Attested Copy of Degree
Design - Electrical Engineer	1	University Degree in Electrical Engineering	For expatriate: 10 years in Electrical Design Field For Omanis: 5 years' experience in electrical Design field	Attested Copy of Degree
Design – Civil Engineer	1	University Degree in Electrical Engineering	For expatriate: 10 years in Electrical Design Field For Omanis: 5 years' experience in electrical Design field	Attested Copy of Degree Experience certificate in related Field.
Site/Resident Engineer	1	University Degree in Electrical/mechanical/	For expatriate: 7 years in Electrical field For Omanis: 3 years' experience in electrical field	Attested Copy of Degree
Protection Engineer	1	University Degree in Electrical Engineering	Holds Level 4 Protection License for Consultants	Attested Copy of Degree

2- Network Survey & Design				
Category	Min. No.	Min. Qualification	Minimum Experience (In related Field)	Remarks
Project Manager	1	University Degree in Engineering	For expatriate: 10 years For Omanis : 5 years	Attested Copy of Degree
Design - Electrical Engineer	1	University Degree in Electrical Engineering	For expatriate: 5 years For Omanis : 3 years	Attested Copy of Degree
Surveyor	1	3 Years survey / Civil diploma	For expatriate: 5 years For Omanis : 3 years	Attested Copy of Degree

3- Distribution System Studies				
Category	Min. No.	Min. Qualification	Minimum Experience (In related Field)	Remarks
Project Manager	1	University Degree in Engineering	For expatriate: 15 years For Omanis : 10 years	Attested Copy of Degree
System Studies Engineer	1	University Degree in Electrical Engineering	For expatriate: 15 years in system studies Areas For Omanis : 10 years in system studies Areas	Attested Copy of Degree

4- SCADA & Control				
Category	Min. No.	Min. Qualification	Minimum Experience (In related Field)	Remarks
Project Manager	1	University Degree in Engineering	For expatriate: 10 years For Omanis : 5 years	Attested Copy of Degree
SCADA & Control Engineer	1	University Degree in Electrical/ communication/Electronics Engineering/ computer science	For expatriate: 8 years in SCADA & Control system field For Omanis : 5 years in SCADA system field	Attested Copy of Degree

5- Internal Wiring Design				
Category	Min. No.	Min. Qualification	Minimum Experience (In related Field)	Remarks
Design - Electrical Engineer	1	University Degree in Electrical Engineering	For expatriate: 5 years in Electrical Wiring Design + cad design. For Omanis: 2 years in Electrical Wiring Design + cad design	Attested Copy of Degree AutoCAD certification
Electrician	1	To hold a valid Electrician License		

6- Protection System Studies				
Category	Min. No.	Min. Qualification	Minimum Experience (In related Field)	Remarks
Project Manager	1	University Degree in Engineering	For expatriate: 10 years For Omanis : 5 years	Attested Copy of Degree
Protection Engineer	1	University Degree in Electrical Engineering	Holds Level 4 Protection License for Consultants	Attested Copy of Degree Copy of DCRP License

7- Solar Consultancy Services				
Category	Min. No.	Min. Qualification	Minimum Experience (In related Field)	Remarks
Senior PV Expert	1	University Degree in Engineering	10 Years in Solar Systems	Attested Copy of Degree
Testing Engineer	1	Hold Testing & Commissioning Engineer License – Level 2 Certified for Solar testing from accredited party		
Solar PV Design	1	University Degree in Electrical Engineering	For expatriate: 8 years in related field For Omanis : 5 years in related field	Attested Copy of Degree

Note :

For Project manager and design engineer staff requirements, can be accepted for more than one category.

3. HSE Courses Requirements:

Sr. No.	Staff Type	HSE Course
1	Design-Electrical Engineer	<ul style="list-style-type: none"> • HSE Induction, • First aid (AHA), • Electrical Safety Rules • IOSH (Managing Safely)
2	Site / Resident Engineer	<ul style="list-style-type: none"> • HSE Induction, • First aid (AHA), • Electrical Safety Rules • IOSH (Managing Safely)
3	Project Engineer	<ul style="list-style-type: none"> • HSE Induction, • First aid (AHA), • Electrical Safety Rules • IOSH (Managing Safely)
4	Civil Engineer	<ul style="list-style-type: none"> • HSE Induction, • First aid (AHA), • Electrical Safety Rules • IOSH (Managing Safely)
5	Protection Engineer	<ul style="list-style-type: none"> • HSE Induction, • First aid (AHA), • Electrical Safety Rules • IOSH (Managing Safely)
6	Automation & Control Engineer	<ul style="list-style-type: none"> • HSE Induction, • First aid (AHA), • Electrical Safety Rules • IOSH (Managing Safely)
7	Quantity Surveyor	<ul style="list-style-type: none"> • HSE Induction, • First aid (AHA), • Electrical Safety Rules • IOSH (Managing Safely)
8	Testing Engineer	<ul style="list-style-type: none"> • HSE Induction, • First aid (AHA), • Electrical Safety Rules • IOSH (Managing Safely)
9	Electrician	<ul style="list-style-type: none"> • HSE Induction, • First aid (AHA), • Electrical Safety Rules
10	Solar PV Expert	<ul style="list-style-type: none"> • HSE Induction, • First aid (AHA), • Electrical Safety Rules • IOSH (Managing Safely)

Note: All HSE courses to be passed and Certification to be obtain

4. Software/Tools Requirements:

Sl. No	Requirements
1	Power Systems Analysis Software (examples include DigSlent, SINCAI, ETAP etc)
2	STRUCTURAL DESIGN software (example AutoCad)
3	Project Management Software (examples include MS PROJECT, PRIMAVERA etc)

5. Consultants Application & Registration for New/Renewal Fees:

Sr. No.	Category	Application Fees (OMR)	Registration Fees (OMR)
1	License Category	15	200
2	Additional category	15	20

6. Documents Required for Verification:

The following documents should be produced for verification:

- Company related certificates.
- Commercial Registration Certificate.
- Chamber of Commerce.
- Industry certificate.
- Authorization Signature Certificate.
- list of Omanis Registered in the company.
- Omanization Certificate.
- Workmen Compensation Document.
- Taxation Department Certificate.
- Municipality Certificate.
- Office tenancy Agreement.

7. Validity of Registration Certificate

A Registration Certificate will be issued on fulfilling all requirements stipulated for each grade.

- Consultant DCRP registration is valid for **3 years**,
- Consultant must renew the registration **6 months** before expiry date.