

COMPANY PROFILE



*Every Project is a new
Performance Opportunity*





ABOUT US

Founded in 2008, **EMDC group SARL** is an innovative engineering company specialized in Electro-Mechanical Design & Consultancy, providing MEP Design, Shop Drawings and Value Engineering services to Developers, Architects, Main Consultants and MEP Contractors - through the knowledge and experience of highly qualified and committed Engineers.

In year 2012, **EMDC group Offshore SAL** was created as a subsidiary company to EMDC group SARL undertaking same technical commitments, in order to increase the Group's expansion towards international markets and strengthen offshore exposure, mainly in the Middle East, Gulf and African countries.

Finally, in year 2013, EMDC group launched a collaboration with **YASA** on Road Safety Projects.

Our Group works closely with the Clients to understand their needs and to resolve the toughest design challenges through cost effective and reliable solutions, translated into construction documents that are usable and understandable by a contractor. Focus is on quality, and prompt delivery of construction documents.



Our team is in constant assessment of the latest Engineering trends in like Green Building designs and new technologies in IT & Low Current systems. The importance of preserving nature and its resources and the inclination to smartly use converged digital technologies offering different services from a common network, e.g. voice, data, video and television, are drastically changing projects' requirements and hence requiring a wider expertise which we emphasize on in our company. For that purpose, EMDC group has become a member in the **USGBC**, **NFPA** and **BICSI** organizations as well as trained its entire team to the latest **CAD** tools like **REVIT**.

Completed projects range from the restoration of existing buildings to the complete design of hotels, resorts, shopping centers, residential buildings, educational institutions, office buildings, medical facilities, government complexes, infrastructure network distribution, street lighting and the like. Our designs comply with the applicable code and standard for each project amongst the renowned international codes **NFC**, **IEC**, **BS**, **NEC**, **CIBSE**, **NFPA**, **ASHRAE**, **TIA/EIA** and specific country codes as required.

All Project Data are securely backed-up via EMDC group's subscription on Virtual Machines in California - USA, through latest HP servers Technology.





SERVICES

A. ELECTRICAL ENGINEERING

1 Power System Design

- 1.1 Power Generation and Distribution
- 1.2 Renewable Energy Integration
- 1.3 Emergency Power System
- 1.4 UPS System
- 1.5 Grounding and Lightning Protection

2 Lighting System Design

- 2.1 Interior and Exterior
- 2.2 Lighting Controls
- 2.3 Emergency / Egress Lighting
- 2.4 Central Battery System

3 Low Current & Security Systems Design

- 3.1 Fire Alarm System
- 3.2 Public Address System
- 3.3 Data System
- 3.4 Telephone System
- 3.5 TV System
- 3.6 Access Control System
- 3.7 Closed Circuit Television System
- 3.8 Audiovisual System

4 Electrical Infrastructure Design

- 4.1 Power Plants and Networks
- 4.2 Information Technology Networks



B. MECHANICAL ENGINEERING

1 HVAC System Design

- 1.1 DX, VRV & Packaged Air Conditioning
- 1.2 Centralized Chilled Water
- 1.3 Building Automation
- 1.4 Smoke Evacuation and Control
- 1.5 District Cooling
- 1.6 Boiler and Fuel Plants
- 1.7 Energy Management and Control

2 Plumbing System Design

- 2.1 Domestic and Potable Water
- 2.2 Fuel Oil, Gasoline and LPG Gas
- 2.3 Sanitary, Waste and Storm Water
- 2.4 Steam Systems & Irrigation Systems
- 2.5 Hazardous Wastes
- 2.6 Fountains, Waterfalls & Pools
- 2.7 Medical Gases

3 Fire Protection System Design

- 3.1 Fire Suppression
- 3.2 Sprinkler
- 3.3 Dry and Wet Chemical Extinguishing

4 Mechanical Infrastructure Design

- 4.1 Central Plants
- 4.2 Pumping Stations
- 4.3 MEP Coordination

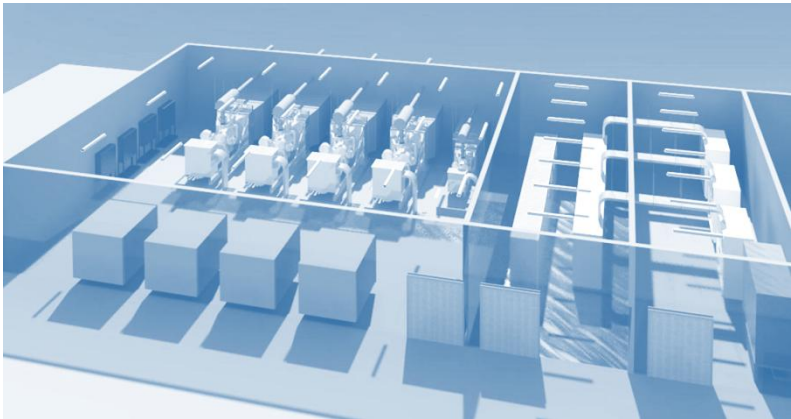


C. GREEN BUILDING DESIGN

- 1 Environmentally responsible and resource-efficient design
- 2 Efficient use of energy, water and other resources
- 3 Protection of occupants' health
- 4 Improvement of productivity
- 5 Reduction of waste and pollution

D. BUILDING INFORMATION MODELING (BIM)

- 1 Creation of advanced 3D models instead of 2D perspective drawings to show up-to-date, accurate and reliable information about the project
- 2 Virtual creation of mechanical, electrical and other trades of a project to allow all stake holders resolve conflicts among trades and ease coordination
- 3 Provide accurate shop drawings and take-off much before the start of the project's construction.
- 4 Offer essential functionalities of BIM models through BIM 4D to 6D, starting with scheduling tasks, estimating costs and extracting quantities and performing energy analysis.



E. CONSTRUCTION ADMINISTRATION

- 1 Cost estimation and feasibility studies
- 2 Value engineering for cost reduction savings
- 3 Development and management of capital budgets
- 4 Site works inspection and approval of installed systems

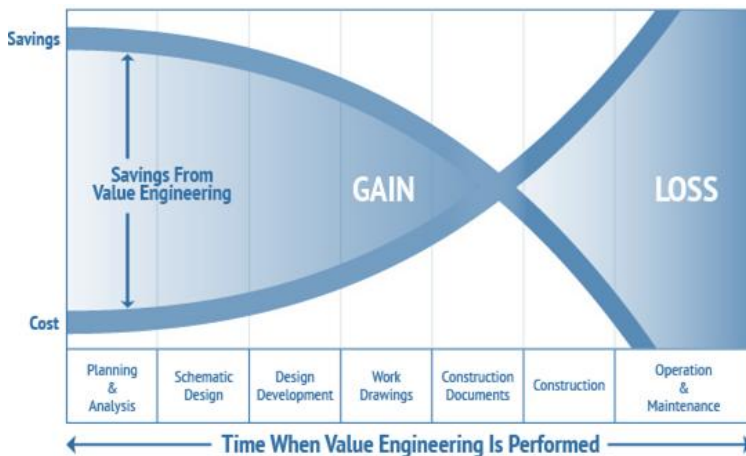
F. PEER REVIEW

Peer Review is a comprehensive review of the design and constructability of a project by an entity experienced in the fields of Design and Construction. It is an essential means for the improvement in the Quality Control/Quality Assurance construction industry. Besides its numerous advantages on the construction industry, peer review can reduce insurance costs on a project. Primarily, peer review begins with reviewing the plans to conform to local construction codes and standards, as well as identifying any design and service conflicts that may result in major causes of failure. The most expeditious time to review, claim and reduce such potential problems is during the design phase that is prior to finalizing the project specifications.



G. VALUE ENGINEERING

It is not just a design, peer review or cost-minimization practice. It is instead a creative and organized exercise of a set of disciplined procedures that analyses the requirements of a project to reach the optimum value of essential functions at the lowest total cost for the initial and long-term investment. Thus, value and economy are enhanced through the proposal of alternate design concepts, methods, materials, taking into consideration the client's objectives. Value engineering can be applied at any point during the project. However, its impact is most efficient and its time and effort return is higher during the early stages of the project. In order to cater for present market constraints, EMDC group opted to benefit from its skills and engage into value engineering services.



H. SHOP DRAWINGS

Shop Drawings tasks executed by EMDC group are several. EMDC group may have full responsibility or be part of the shop drawing task depending on the Client's preferences. EMDC group specializes in preparing co-ordination drawings showing full details of work throughout the various trades. These drawings will be coordinated with the design submittals and will assess for any changes that may be applicable to the design, with full consideration to the Client's and Consultant's requirements.

These drawings include horizontal and vertical dimensions to avoid interference with any other structure, ceilings, equipment, lighting, mechanical, electrical and any other available service.

EMDC group guarantees that all co-ordinated drawings are precisely dimensioned and elevated. In addition, inputs from all suppliers, including specialist suppliers, shall be made available by the Client as necessitated by the production milestone and in line with any constraints.



INFRASTRUCTURE PROJECTS



1. **SAAFAT EL BASRA CITY - IRAQ**

- Program: 354 Villas, 84 Residential Buildings, Schools, Administration Buildings, Services Buildings, Shops, Mall, Clinic & 13.5 km Internal Roads

Electro-Mechanical Infrastructure Detailed Design

Electro-Mechanical Detailed Design for the Interior areas

2. **ATCL MARINA QUAY - LEBANON**

- Number of berths: 250
- Number of yachts pedestals: 77

Electro-Mechanical Detailed Infrastructure Design

Quay and Sports Fields Area Lighting

3. **SHERATON HOTEL - ERBIL**

- Land area: 22,000 m²
- Program: Landscape

Electrical Infrastructure Detailed Design

4. **SOULOIJ MZAAR - LEBANON**

- Land area: 53,000 m²
- Program: 55 Chalets, Power Plant (3 MW) & 13.5 km Internal Roads

Electrical Infrastructure Detailed Design

5. **RIYADH METRO (IN COLLABORATION WITH YASA) - SAUDI ARABIA**

- Lines: Package 3 (Lines 4, 5 and 6)
- Program: Road Safety Audit

Road Safety Audits & Traffic Management

6. **JANNAT BAGHDAD DEVELOPMENT - IRAQ**

- Program: 28 clusters, each having 720 Residential Units, with 42 schools and 20 Mixed-Use Public Buildings

Electro-Mechanical Infrastructure Concept Design



POWER PLANTS PROJECTS



7. RIYADH POWER PLANT PP10 - SAUDI ARABIA

- Built up area: 70,000 m²
- Program: Power Plant with a nominal output of about 3000 MW
Electro-Mechanical Detailed Design of Technical Buildings
Area Lighting

8. QURRAYAT OPEN CYCLE POWER PLANT - SAUDI ARABIA

- Built up area: 35,000 m²
- Program: Power Plant with a nominal output of about 500 MW
Low Current Detailed Design of Technical Buildings

9. AL-QASSIM PP EXTENSION #3 - SAUDI ARABIA

- Built up area: 20,590 m²
- Road length: 3,750 m
- Fence length: 2,190 m
- Program: Power Plant with a nominal output of about 560 MW
Electro-Mechanical Detailed Design of Buildings
Road & Fence Lighting

10. PP12 COMBINED CYCLE PROJECT - SAUDI ARABIA

- Built up area: 14,500 m²
- Program: Power Plant with a nominal output of about 500 MW
Low Current Detailed Design of Non-Technical Buildings

11. GEL PARK - NIGERIA

- Land area: 10,000 m²
- Program: Power Plant with a nominal output of about 25 MW
Electrical Detailed Infrastructure Design

12. AL-QASSIM PP EXTENSION #2 - SAUDI ARABIA

- Built up area: 10,000 m²
- Program: Power Plant with a nominal output of about 560 MW
Electrical Detailed Design of Buildings + Road & Fence Lighting

13. DISTRICT COOLING PLANT - NIGERIA

- Built up area: 6,000 m²
- Program: Power Plant with a nominal output of about 30 MW
Electrical Detailed Design



HIGH RISE PROJECTS



14. MAAD MIXED USED COMPLEX - SAUDI ARABIA

- Built up area: 790,000 m²
- Program: 10 Residential Towers & Mall
- Structure: 40 Floors (each)

Electro-Mechanical Shop Drawings

15. SUITES IN THE SKAI - DUBAI

- Built up area: 140,000 m²
- Program: Hotel and Serviced Apartments
- Structure: 64 Floors

Electro-Mechanical Value Engineering

16. LAWYERS & NOTARIES TOWER - IRAQ

- Built up area: 200,000 m²
- Program: Offices and Radisson Hotel (5 stars)
- Structure: 35 Floors

Electro-Mechanical Detailed Design & Follow up

17. RED TOWER - NIGERIA

- Built up area: 20,500 m²
- Program: Residential Building
- Structure: 32 Floors

Electro-Mechanical Detailed Design

18. EKO TOWER II - NIGERIA

- Built up area: 35,500 m²
- Program: Car parks, Medical Center, Restaurants, Business Center, Health Club & Hotel
- Structure: 27 Floors

Electrical Detailed Design & Follow up

19. SKY TOWER - NIGERIA

- Built up area: 32,700 m²
- Program: Residential Building
- Structure: 23 Floors

Electro-Mechanical Detailed Design

20. AZURI PENINSULA - NIGERIA

- Built up area: 123,000 m²
- Program: Common Underground Parking serving 3 Towers of 25 Floors and 5 Town Houses

Electrical Value Engineering & Shop Drawings



21. DREAM CITY - IRAQ

- Built up area: 146,650 m²
 - Program: Common Underground Parking with 9 Residential Buildings Type A and 5 Residential Buildings Type B
 - Structure: Common Parking, Type A (20 Floors) & Type B (24 Floors)
- Electrical Preliminary Design**

22. EKO TOWER I - NIGERIA

- Built up area: 44,000 m²
 - Program: TOTAL Headquarter Office Building
 - Structure: 20 Floors
- Electrical Detailed Design & Follow up**

23. KING ABDULLAH WAQF PROJECT - SAUDI ARABIA

- Built up area: 80,000 m²
 - Program: Hotel
 - Structure: 19 Floors
- Electrical Shop Drawings**

24. CRYSTAL TOWER - NIGERIA

- Built up area: 18,000 m²
 - Program: Office Building
 - Structure: 19 Floors
- Electro-Mechanical Detailed Design**



AIRPORTS & STATIONS PROJECTS



25. MIDDLE EUPHRATES INTERNATIONAL AIRPORT - IRAQ

- Built up area: 1,833,000 m²
- Program: Passenger Terminal Building, Landside infrastructure, Load Centers and Support Buildings

Electro-Mechanical Detailed Infrastructure Design

Electro-Mechanical Detailed Design for Load Centers

Mechanical Detailed Design for Passenger Terminal Building

26. KING ABDUL AZIZ AIRPORT - SAUDI ARABIA

- Built up area: 300,000 m²
- Program: Data Center and Passenger Terminal Building - Zone D

Electro-Mechanical Shop Drawings

27. HARAMAIN HIGH SPEED RAILWAY KAEC STATION - SAUDI ARABIA

- Built up area: 100,000 m²
- Program: Train Station
- Structure: 5 Floors

Electro-Mechanical Shop Drawings

28. AL MUTHANA AIR BASE - IRAQ

- Built up area: 10,000 m²
- Program: Auxiliary Buildings with Power Plant and Infrastructure

Electro-Mechanical Design



COMMERCIAL & CULTURAL PROJECTS



29. ARBEEL CITY CENTER - IRAQ

- Built up area: 637,750 m²
- Program: Mall
- Structure: 5 Floors

Electrical Design

30. ZOUHOUR BAGHDAD MALL - IRAQ

- Built up area: 150,000 m²
- Program: Mall
- Structure: 6 Floors

Electro-Mechanical Design

31. BAGHDAD OPERA HOUSE - IRAQ

- Built up area: 86,000 m²
- Program: Theatres & Ministry of Culture

Electrical Detailed Design

32. BEITEDDINE MALL - LEBANON

- Built up area: 40,000 m²
- Program: Mall
- Structure: 5 Floors

Electrical Detailed Design

33. AL FURAT TV - IRAQ

- Built up area: 7,000 m²
- Program: TV and Radio Studios
- Structure: 3 Floors

Electro-Mechanical Detailed Design

34. DBAYEH MALL - LEBANON

- Built up area: 6,800 m²
- Program: Mall and 18 restaurants
- Structure: 4 Floors

Electro-Mechanical Detailed Design

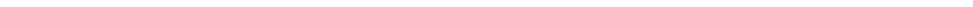
35. PICCADILLY THEATRE - LEBANON

- Built up area: 1,380 m²
- Program: Theatre
- Structure: 4 Floors

Electrical Detailed Design



GOVERNMENTAL PROJECTS



36. KING ABDULLAH INTERNATIONAL GARDENS - SAUDI ARABIA

- Built up area: 2,400,000m²
 - Program: Botanical Gardens & Amenities
- Electro-Mechanical Detailed Designs & Shop Drawings
For Infrastructure & Buildings**

37. GENERAL SECRETARIAT OF COUNCIL OF MINISTERS - IRAQ

- Built up area: 120,000 m²
 - Program: Governmental Building
 - Structure: 10 Floors
- Electrical Detailed Design**

38. UYO CONVENTIONAL CENTER - NIGERIA

- Built up area: 14,500 m²
 - Program: Congress Hall
 - Structure: 3 Floors
- Electrical Detailed Design & Follow up**

39. SAMAWAH CULTURAL CENTER - IRAQ

- Built up area: 12,000 m²
 - Program: Cultural Center
 - Structure: 6 Floors
- Electro-Mechanical Detailed Design**

40. BAYELSA STATE GOVERNOR BUILDING - NIGERIA

- Built up area: 11,750 m²
 - Program: Governmental Building
 - Structure: 3 Floors
- Electro-Mechanical Detailed Design**

41. MINISTRY OF ECONOMY - EQUATORIAL GUINEA

- Built up area: 11,690 m²
 - Program: Governmental Building
 - Structure: 9 Floors
- Electrical Detailed Design**

42. BAYELSA STATE POLICE FORCES HQ - NIGERIA

- Built up area: 5,550 m²
 - Program: Police Headquarter
 - Structure: 8 Floors
- Electro-Mechanical Detailed Design**



EDUCATION PROJECTS



43. INTERNATIONAL SCHOOL - SAUDI ARABIA

- Built up area: 39,500 m²
- Program: School
- Structure: 3 Floors

Electro-Mechanical Detailed Design

44. ROAD AND TRANSPORT RESEARCH CENTER - SAUDI ARABIA

- Built up area: 38,000 m²
- Program: School
- Structure: 2 Floors

Electro-Mechanical Detailed Design

45. MUHAIL ASSIR TECHNICAL COLLEGE - SAUDI ARABIA

- Built up area: 15,000 m²
- Program: Technical College
- Structure: 6 Buildings and Sport Fields

Electrical Buildings Shop Drawings

46. SHUEIFAT DREAM CITY SCHOOL - IRAQ

- Built up area: 5,200 m²
- Program: School
- Structure: 3 Floors

Electro-Mechanical Design Review

47. AKKAR SCHOOL - LEBANON

- Built up area: 2,800 m²
- Program: School
- Structure: 2 Floors

Electrical Detailed Design



EXHIBITIONS & DISPLAYS PROJECTS



48. CJD SHOWROOM - OMAN

- Built up area: 3,800 m²
 - Program: Showroom & Workshop
- Electrical Detailed Design**

49. TSC - LEBANON

- Built up area: 1,110 m²
 - Program: Supermarket
 - Structure: 1 Floor
- Electrical Detailed Design**

50. CJD SHOWROOM - OMAN

- Built up area: 700 m²
 - Program: Showroom, Workshop and Offices
- Electrical Detailed Design**

51. PACE E LUCE BEAUTY SALON - LEBANON

- Built up area: 630 m²
 - Program: Beauty Salon
 - Structure: 1 Floor
- Electrical Detailed Design**

52. YEHIA & ZAKARIA HAIR & BEAUTY SALON - LEBANON

- Built up area: 400 m²
 - Program: Beauty Salon
 - Structure: 1 Floor
- Electrical Detailed Design**

53. LE FIGARO BEAUTY SALON - LEBANON

- Built up area: 180 m²
 - Program: Beauty Salon
 - Structure: 1 Floor
- Electro-Mechanical Detailed Design**



HEALTHCARE PROJECTS



54. PNU MEDICAL CENTER HOSPITAL - SAUDI ARABIA

- Built up area: 120,000 m²
- Program: Hospital with latest Technologies & Equipment
- Structure: 8 Floors

Electrical Shop Drawings

55. IBN SINA HOSPITAL 600 BED - IRAQ

- Built up area: 79,000 m²
- Program: Hospital
- Structure: 17 Floors

Electrical Schematic Design

56. RASAFI TEACHING HOSPITAL - IRAQ

- Built up area: 58,500 m²
- Program: Hospital (492 Beds - Possible extension to 600)
- Structure: 5 Floors

Electrical Detailed Design

57. BAAQUBA TEACHING HOSPITAL - IRAQ

- Built up area: 57,000 m²
- Program: Hospital (500 Beds)
- Structure: 5 Floors

Electrical Detailed Design

58. DIWANIYA TEACHING HOSPITAL - IRAQ

- Built up area: 58,300 m²
- Program: Hospital
- Structure: 5 Floors

Electrical Detailed Design

59. CLINICAL SKILLS DEVELOPMENT CENTER - SAUDI ARABIA

- Built up area: 23,000 m²
- Program: Classrooms, Laboratories & In-patient Units
- Structure: 3 Floors

Electro-Mechanical Shop Drawings



HOSPITALITY PROJECTS



60. OCEAN WINDS HOTEL - NIGERIA

- Built up area: 22,200 m²
- Program: Hotel
- Structure: 10 Floors

Electrical Detailed Design

61. MBAMOU HOTEL - CONGO

- Total built up area: 20,000 m²
- Program: Hotel, Restaurants, Business Center & SPA
- Structure: 14 Floors

Electrical Detailed Design

62. RADISSON BLU - ABIJAN

- Total built up area: 19,000 m²
- Program: Hotel
- Structure: 5 Floors

Electrical Detailed Design

63. EKO LUXURY HOTEL - NIGERIA

- Built up area: 18,000 m²
- Program: Hotel
- Structure: 9 Floors

Electrical Detailed Design, Shop Drawings & Follow up

64. CONAKRY HOTEL - GUINEA

- Total built up area: 15,000 m²
- Program: Hotel, Restaurants, Business Center, Restaurants & SPA
- Structure: 13 Floors

Electrical Detailed Design

65. ONOMO - GUINEA

- Built up area: 9,100 m²
- Program: Hotel
- Structure: 4 Floors

Electrical Detailed Design

66. ASABA HOTEL - NIGERIA

- Built up area: 4,500 m²
- Program: Hotel
- Structure: 7 Floors

Electrical Detailed Design



LEISURE PROJECTS



67. KASR AL BUHAIRA - LEBANON

- Built up area: 12,000 m²
- Program: Restaurant
- Structure: 4 Floors

Electrical Detailed Design

68. BEIT MISK CLUB HOUSE - LEBANON

- Built up area: 6,000 m²
- Program: Club House
- Structure: 3 Floors

Electro-Mechanical Detailed Design

69. CHALETS MARIR - LEBANON

- Built up area: 3,200 m²
- Program: Winter Chalets
- Structure: 6 Floors

Electro-Mechanical Detailed Design

70. AL BUSTAN HAMMAM - LEBANON

- Built up area: 1,360 m²
- Program: Hamman & Spa
- Structure: 2 Floors

Electrical Detailed Design & Follow Up

71. CASINO DU LIBAN POKER ROOM - LEBANON

- Built up area: 885 m²
- Program: Poker room
- Structure: 1 Floor

Electrical Detailed Design

72. TEX-MEX BAR LOUNGE & RESTAURANT - NIGERIA

- Built up area: 760 m²
- Program: Bar & Restaurant
- Structure: 1 Floor

Electrical Detailed Design

73. TAO BAR LOUNGE RESTAURANT - NIGERIA

- Built up area: 860 m²
- Program: Bar & Restaurant
- Structure: 1 Floor

Electrical Detailed Design



RESIDENTIAL PROJECTS



74. AMSHIT BAY - LEBANON

- Program: 6 Villas, 7 Chalet Buildings, Swimming Pools, Landscape & Internal Roads

Electrical Shop Drawings

75. ONE EKO BOULEVARD - NIGERIA

- Built up area: 144,500 m²
- Program: 2 Residential Towers
- Structure: 34 Floors (each)

Electrical Detailed Design

76. KURAMO BEACH RESIDENCE - NIGERIA

- Built up area: 71,500 m²
- Program: 2 Residential Buildings
- Structure: 21 Floors (each)

Electrical Detailed Design

77. STAFF ACCOMMODATION FOR MEYDAN RESIDENCES I - DUBAI

- Built up area: 62,500 m²
- Program: 4 Residential Buildings
- Structure: 6 Floors (each)

Electro-Mechanical Shop Drawings

78. BESMAYA RESIDENTIAL COMPLEX - IRAQ

- Built up area: 23,200 m²
- Program: Residential Complex including Buildings of 2,3&5 Floors, Shopping Mall, Health Center, Schools, Youth Center, Police Station, Administration Building, Nursery & Mosque

Electro-Mechanical Value Engineering

79. PEARL APARTMENTS - NIGERIA

- Built up area: 14,100 m²
- Program: Residential Building
- Structure: 15 Floors

Electro-Mechanical Detailed Design

80. MOSCOM REALTORS - NIGERIA

- Built up area: 10,650 m²
- Program: Residential Building
- Structure: 7 Floors

Electrical Detailed Design



81. CANALILLY DEVELOPMENT - NIGERIA

- Built up area: 9,200 m²
- Program: Residential Complex
- Structure: 5 Floors

Electrical Schematic Design

82. AL OTHMAN PALACE - LEBANON

- Built up area: 5,000 m²
- Program: Residential Villa
- Structure: 4 Floors

Electrical Detailed Design

83. AL MOHRIJ PALACE – SAUDI ARABIA

- Built up area: 3,000 m²
- Program: Residential Villa
- Structure: 3 Floors

Electrical Detailed Design

84. BADER EL SOLTAN PALACE - LEBANON

- Built up area: 2,820 m²
- Program: Residential Villa
- Structure: 3 Floors

Electrical Detailed Design

85. KHOUZAMI RESIDENCE - LEBANON

- Built up area: 2,800 m² with 4,000 m² Landscape area
- Program: Residential Villa
- Structure: 5 Floors

Electrical Detailed Design

86. ABU INU UMORU RESIDENCE - NIGERIA

- Built up area: 2,500 m²
- Program: Residential Villa
- Structure: 3 Floors

Electro-Mechanical Detailed Design

Along with tens of smaller Villas & Apartments



OFFICES PROJECTS



87. KINGS TOWER - NIGERIA

- Built up area: 100,000 m²
- Program: Office Building
- Structure: 16 Floors

Electro-Mechanical Shop Drawings

88. AFC 22, AFC23 - DUBAI

- Built up area: 25,000 m²
- Program: 3 Office Buildings
- Structure: 10 Floors (each)

Electrical Schematic Design

89. TOWER NIGER - NIGERIA

- Built up area: 18,000 m²
- Program: Office Building
- Structure: 12 Floors

Electrical Detailed Design

90. OZUMBA OFFICES - NIGERIA

- Built up area: 12,500 m²
- Program: Office Building
- Structure: 17 Floors

Electrical Detailed Design

91. JARMAKANI TOWER - NIGERIA

- Built up area: 12,000 m²
- Program: Office Building
- Structure: 16 Floors

Electrical Detailed Design

92. CRYSTAL OFFICE TOWER - NIGERIA

- Built up area: 12,000 m²
- Program: Office Building
- Structure: 14 Floors

Electro-Mechanical Shop Drawings

93. ECO BANK – CONGO

- Built up area: 9,700 m²
- Program: Bank
- Structure: 7 Floors

Electro-Mechanical Design



94. AFREN ENERGY HEADQUARTERS - NIGERIA

- Built up area: 8,800 m²
- Program: Office Building
- Structure: 15 Floors

Electrical Detailed Design

95. DBAYEH COMMERCIAL CENTER - LEBANON

- Built up area: 8,500 m²
- Program: Office
- Structure: 16 Floors

Electro-Mechanical Detailed Design

96. MESC HEADQUARTER - SAUDI ARABIA

- Built up area: 4,000 m²
- Program: Office Building
- Structure: 6 Floors

Electrical Detailed Design

97. ERICSSON OFFICES - LEBANON

- Built up area: 3,000 m²
- Program: Office Building
- Structure: 5 Floors

Electrical Follow up

98. D-ICON OFFICES - NIGERIA

- Built up area: 3,300 m²
- Program: Office Building
- Structure: 5 Floors

Electrical Detailed Design

99. SUB SEA 7 - NIGERIA

- Built up area: 1,650 m²
- Program: Office Building
- Structure: 4 Floors

Electrical Detailed Design



WORKSHOPS PROJECTS



100. NEW JET PROPULSION CENTER - SAUDI ARABIA

- Built up area: 200,000 m²
 - Program: Industrial Workshop
- Electro-Mechanical Shop Drawings**

101. MINOTERIE CONAKRY - EQUATORIAL GUINEA

- Built up area: 19,000 m²
 - Program: Food Workshop
 - Structure: 7 Interconnected Buildings of 1 Floor each
- Electro-Mechanical Detailed Design**

102. AQUAFINA - IRAQ

- Built up area: 15,000 m²
 - Program: Purified Bottled Water Workshop
 - Structure: 2 Floors
- Electrical Design**

103. IBADAN - NIGERIA

- Built up area: 14,000 m²
 - Program: Industrial Workshop
 - Structure: 3 Interconnected Buildings of 1 Floor each
- Electrical Detailed Design**

104. ECO OIL - CONGO BRAZZAVILLE

- Total built up area: 7,500 m²
 - Program: Oil & Butter Workshop
 - Structure: 2 Floors
- Electro-Mechanical Detailed Design**

105. I.T.B. & HITECH WORKSHOP - NIGERIA

- Built up area: 5,000 m²
 - Program: Industrial Workshop
- Electrical Detailed Design**

106. C 57 WAREHOUSE - NIGERIA

- Built up area: 3,500 m²
 - Program: Industrial Workshop
 - Structure: 1 Floor
- Electrical Detailed Design**

107. WOODEN WAREHOUSE- LEBANON

- Built up area: 2,870 m²
 - Program: Warehouse
 - Structure: 8 Floors
- Electro-Mechanical Detailed Design**



CONTACT US

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