

## **Raissy Trading & Contracting Co. Ltd.**















ISO 9001:2015 ISO 45001:2018





**Company Profile** 

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## Introduction

"In the world of construction, only the fittest survive and the best flourish, Raissy Co. Ltd., is achieving this by being totally focused. Its highly motivated staff is always flexible and ready to meet customer needs quickly & efficiently."



Raissy Group of Companies since from its inception in 1993 are dedicated to quality and competency in doing Civil Construction Works, Electro-Mechanical Works and Transmission & Distribution Lines.



## ISO 9001:2015 & ISO 45001:2018



**Raissy Trading & Contracting Co. Ltd.** is a 100% Saudi-owned Construction Company was founded in 1978 and was incorporated in 1993, operating from our main office along Khurais road. Since that time our manpower and facilities had increased to do highly sophisticated kind of engineering tasks that is unique for each of our clients such as Design, Supply, Installation and Commissioning of Power Transmission Lines; Installation, maintenance and modernisation of Gas Turbines. Design, Supply, Installation and Commissioning of Solar Power Energy System; Design, Supply and Installation, Turnkey Projects, Maintenance of Electro-Mechanical System; Firefighting System (approved by Central Licenicing Unit) Design, Supply, Installation and Testing & Commissioning of Control System Projects; We treat your business as if it is our own. The level of trust needed for our customer's project to succeed has resulted in Raissy Company's deep and abiding reputation for integrity, dependability and expertise.

In the past several years, through exhaustive efforts and determination, *Raissy Trading & Contracting Co. Ltd.* has shifted and grown; however, our commitment to customer satisfaction has not been deterred. In fact, the changes the company has initiated were done solely to customize our operation to fit the ever changing needs of our clients.

At *Raissy Trading & Contracting Co. Ltd.*, we have identified categories that our clients typically fit. Our experience has shown that *each of our clients is as unique as the construction project they are envisioning*.

*Raissy Trading & Contracting Co. Ltd.* respects the partnership we have with our valued clients. Our success is built on the "can-do" attitude, set forth by the professional high quality individuals who represent us. Combining a good attitude with advance planning and effective execution, results in a successful projects. Everything is about reducing stress for our clients.

We believe that *Raissy Trading & Contracting Co. Ltd.* is about more than delighting and exciting our customers with our services as we have initiated a quality focused customer service program that allows us to better understand and meet our customers' need and to provide them the quality on time and delivery schedule that they have to expect.

As a responsible corporate citizen, *Raissy Trading & Contracting Co. Ltd.* also strives to fulfil the social responsibilities and contribute to the development of the company through all of the corporate activities. While working hard to develop the infrastructure and organization, Raissy believe that the quality of the corporate activities depends on the quality of the employees, that's why *Raissy* is actively engaged in human resource development. We believe that by viewing our skilled workforce as essential assets, we can continue our activities into the future as a company trusted and cherished throughout the kingdom.

Our corporate activities are based on specific goals and mission objectives. To fulfil these aims, we developed **values** to serve as a guideline for action and apply to all employees. The management believe that commitment to these values is the key to our growth. This is why the company provides employees with an opportunity for in-depth understanding of the guidelines and encourages compliance with such policies on a daily basis.



#### OUR EASTERN REGION BRANCH

Through years of extensive effort and determination, Raissy has grown and expanded branches mainly in the Eastern Region. Our Branch office is also fully supported by skilled professionals, engineers, technicians and materials specific to the needs of our client.

Eastern Region is a Metropolitan Industrial Area; where the Kingdom's major companies are looking for strengthen their positions. We have created and developed well respected clients in Eastern Region, to mention a few:

- ↓ Saudi Electricity Company (Vendor # 1000808),
- **↓** Saudi Aramco (Vendor # 10038447 & 10006269),
- ➡ SABIC –IBN ZAHR (Vendor # 503010),
- **MA'ADEN** (Vendor # 14293)
- ↓ Larsen & Toubro Arabia L.L.C (Vendor # 1006089),
- **↓** TECO Middle East Electrical & Machinery Co. Ltd.

Raissy has regained respect from these clients and was awarded with handful of projects.

Our Regional Branch got office facilities with managerial and engineering team, and also fully occupied warehouse facilities with tools, equipments and vehicles. And this office communicates and coordinates with Head Office for any kind of works in eastern area.

*Raissy's* most valuable assets is not inscribed in our balance sheet, it is the teamwork & spirit of knowledgeable and talented people dedicated to excellence.

Due to passion and dedication, *Raissy's* aims to be the topmost leading engineering company in the Kingdom.

#### Our drive to excellence is based on the following key standard:

- Customer Satisfaction
- Doing it right the first time.
- Continuous Quest for Quality
- Innovation & Creativity
- Deal with Changes as Challenges
- Value, Highly Regard, Develop Employees and Encourage their Participation and Ideas.
- Believing in upholding the Highest Level of Business Principles of Conduct.



## **Company Organization**

Raissy's organizational structure consists of five (5) main departments; in which it contains three (3) engineering departments, namely *Civil Engineering Department, E&M Engineering Department and Transmission lines Engineering Department* and others three are namely Tendering & Business Development Department, Procurement Department, Administration & HR Department, Finance Department. Each of these departments plays a major role in the success of any project handled by the company.



#### **Administration and the Finance Department**

Raissy's two main support service providers are the Administration and the Finance Department. The former handles all personnel matters and maintains company records, while the latter deals with accounts, invoicing and other financial matters.

#### **Engineering, Tendering & Business Development Department**

Engineering department has three main head department as Transmission lines, Civil, E&M and these head departments have separate team for Estimating, Planning and for Execution. The Estimating team solicits and evaluates project bids, obtains price quotes for materials and manpower, calculates the overall cost of a project and then submits a recommendation on tendered projects to the Executive Management. Once a management decision is taken, the Estimation Department prepares and submits a response to the relevant party. The Estimation team works closely with the planning and execution team, to accurately estimate the cost of work and material.

The planning and execution team is the heart of the company. The team oversees the day-to-day field operations to keep projects on schedule and on budget. Careful planning in the early stages of a project — e.g., compiling the project organization chart, determining manpower requirements, assigning responsibilities — is the foundation for the success of the execution phase. These plans and schedules will be monitored throughout the project.



## Mission, Purpose & Values

<b>C</b> -	Mission of the Company Our Mission is to become the Kingdom's most valued company to investors, business partners and customers where we work with.	
48	Purpose of the Company     Our Purpose is dedicating ourselves to our valued customers/clients through quality works and schedule. Quality is ingrained in the work of our people/colleagues and all our Values.	
	Values of the company To achieve our purpose and mission, we affirm our values and integrity, respect for customer, customer focus, innovation, teamwork, performance, leadership.	
	Integrity We demand of ourselves and others the highest ethical standard and our services & procedures will be of the highest quality.	
	Customer Focus & Respect for People We are deeply committed to meeting the needs of our customers, and we constantly focus on customer satisfaction.	
-	Innovation Innovation is the key to improving and sustaining Our Company's growth and profitability.	
1 March	Team Work   We know that to be a successful company we must work together, frequently transcending organizational to meet the changing needs of our customers.	
	Leadership We believe that leaders empower those around them by sharing knowledge and rewarding outstanding individual effort. We are dedicated to providing opportunities for leadership at all levels in our organization.	



## Vendor Registration List

Raissy Trading & Contracting Co. Ltd. (Electro-Mechanical & Civil)			
Dun & Bradstreet South Asia Middle East Ltd.	<b>D&amp;B</b>	36-671-0643	
Saudi Electricity Company	0	1000809	
Saudi Electricity Company (ForMaterial Supply)	C)	2004403	
Saudi Aramco	l gSolji Aramee	10006269	
SABIC	میں ایک sabic	503010	
National Water Company	Contract New York	14756	
Al Marai	المراعب Almorai	205111	
Saline Water Conversion Corporation		6781	
MA'ADEN MA'ADEN	<u>השורט</u>	14293	
Dubai Electricity and Water Authority		101749	
Dhuruma O&M Company Ltd.	engie	10815	
Raissy HGPT CO. Ltd. (Transmission Lines)			
Saudi Electricity Company	0	1000808	
Saudi Aramco	ul gSoljt Aramos	10038447	
Larsen & Toubro Arabia L.L.C	Nychocarchan Engineering	1006089	



## Integrated, Sustainable Engineering Services

Our Integrated multidisciplinary engineering expertise supports the development and maintenance of Kingdom's infrastructure.

Our commitment to execute projects with highest quality, on schedule and within budget while adhering to excellent standards of health, safety and environmental positioned as recognized by Saudi & International Standards.



## **Power Plant Maintetance Services**

Raissy offer specialist engineering services onsite to assist and maintain plant and machinery to achieve optimum machine availability. Our team of specialists, who have experience gained superior know-how and absolute precision in the installation, maintenance and modernisation of gas turbines.

Repair and refurbishment services are offered to the latest OEM specifications and standards. We work for all the major plant

manufacturers General Electric, Stal Laval, Hitachi, Westinghouse, Mitsubishi, ALSTOM, Nuovo Pignone, ALSTOM-ABB and SIEMENS Gas Turbine.

## **Repair and Refurbishment**

We offer total Repair and Refurbishment packages for all types of Turbines, Compressors, Pumps, Generators, Heat Exchangers, Boiler etc., No matter, who built them originally.

#### Turbine & Generators

Inspection of hot and cold gas path, bearings and other major components Vibration analysis, balancing, aligning and start up Repairs and replacement of Major parts/components:

- Nozzles & Vanes
- **Transition Pieces**
- Nozzle Support Ring .
- Shroud Blocks
- **Bull Horn Brackets**

- **Combustion Liners**
- **Fuel Nozzle Swirlers**
- Flow Sleeves
- Cross Fire Tubes
- **Turbine And Generator Bearings**

### **Compressors**

Inspection, repair and overhauling of instrument & service air compressors of different sizes, types. Manufacturer Such Atlas Copco, Ingersoll Rand SIERRA, COMPAIR, FURNAS Air Compressor, ABAC Air Compressor, Puma Industrial Air Compressor, William and James, GARDNER DENVER, JP SALIER & SONS etc.

- Dismantling & Re-assembly
- Calibration
- Alignment

- Repair/replace of components
- Dite testing including NDT
- Spareparts Supply



Raissy Trading & Contracting CO. LTD. شركة رايسي للتجارة والهقاولات المعمومة











#### **Mechanical Seals**

Exhaust Cylinder

**Exhaust Manifold** 

Exhaust Diffuser

Hrsg Inlet Duct

Hrsg Silencers

Hrsg Chimney

#### Spiral Stairs, Handrails and Platforms

#### Atomizing Air coolers Hydrogen Coolers

- Plate Heat Exchangers
- Air Cooled Condenser

#### Crude Oil Tank

**Radiators** 

manufacturers.

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We provides tank repair & cleaning and maintenance for storage tanks meeting the requirements of safety standards, regulations and specifications. We are fully equipped and ready to commence and perform the work on time and within budget by our experienced project management and field crews.

- Unloading the Tank
- Testing for Hydrocarbon Vapor and Toxic Gases •
- Tank Protective Coating
- Roof Replacement or Patches
- Fire Foam Systems

#### Exhaust System

Inspect, repair, rehabilitate, modify, install, test and commission the gas turbine exhaust system components, partly or all the gas turbine and Combined Cycle exhaust system.

- Exhaust Plenum
- **Expansion** Joints
- Transition Section .
- **Turning Vanes** .
- Exhaust Silencer .
- Exhaust Stack .

#### Electric Motors

We are maintaining a well and carefully designed motor maintenance program, can be summed up as preventive maintenance, predictive maintenance and reactive maintenance.

- Overhaul & re-winding and insulation resistance test after rewinding
- Complete Disassembly & Assembly
- Cleaning of Stator, Rotor and All Mechanical Parts .
- Fabricate and Rewind Stator with New Windings
- Replacement of Motor DE and NDE side both bearings .

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**Boilers & Heat Exchangers** 

Burner & Boiler Tubes

Water Heat Exchanger

Lube Oil & Glycol Cooler



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Vapor Freeing Shell Replacements





#### Electro-Mechanical Division:

*Raissy* ever since its inception in 1993, has been a veteran in the field of Electro-mechanical and Maintenance works for Commercial, Hospitals, and Industrial both from the Government, Industrial and Commercial sectors. We are also a veteran in Power Plant Projects catering mainly to the Saudi Electricity Company (COA-SOA-EOA-WOA) and we have well respected clients like **NWC**, **ARAMCO**, **Almarai**, **TECO**; these companies are some among many. The company is acknowledged as the market leader in this field and has been rewarded with repetitive orders



over the years. Our commitment to execute projects with highest quality, on schedule and within budget while adhering to excellent standards of health, safety and environmental positioned as recognized by Saudi & International Standards.

#### **Capabilities**

The capabilities of the company include Engineering, Procurement, Installation & Commissioning. The company is active in the various stages of Construction such as:

- Design, Supply, installation, testing & commissioning of all Major Equipment like Generators, Transformers, Switchgear, MV & LV Panels....etc.
- Design, Supply, installation, testing & commissioning of Frefighting Systems.
- Erection of Pump Station of water transmission lines including boost pump, anti-hammer system and pipeline network.
- Supply, Installation and testing & commissioning of Coarse Screen/Fine Screen with Screw Conveyor.
- Replacement of Boiler Drain and Oily Waste Underground Pipelines.
- Maintenance and Testing & Commissioning of the Complete Power Plant and facilities like Oxygen Plant, Power System, Furnace System, Conveyor System...etc.
- Rehabilitation/Renovation works of irrigation, water line, water treatment system, chilled water lines, sludge pump, scraper facility, sewage plant, etc...
- Installation of substations with its dedicated infra structures
- Machinery Setting, Erection, Excavation and Site work.







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- Supply, fabrication, installation, testing and commissioning of fuel gas pipeline, both above ground and underground with pipe rack included.
- Design, supply, install, test and commission of compressed air system for power and industrial plant.
- Complete supply, installation, test and commission of Electro-mechanical works for industrial and commercial sectors project such as Electrical System (Low current, medium & low voltage) HVAC System, Fire Protection system, Water supply system, & BMS.



Compressed Air System

#### Installation of Chiller

Installation of Generator

The Company has a complete Workshop with all facilities of tools, plants and skilled manpower adhering to Quality Control and Safety Standards for Erection and Maintenance. The Maintenance activity of the Company includes the following:

- Cleaning, Repair and Renewing Radiators, Thermal Insulation of Silencers, Exhaust Stacks, Exhaust Transition, Generators, Boilers, Diffusers, Atomizing Gear, Oil Heat Exchanger and Air Compressors.
- Lubrication Oil System.
- Repair & Replacement of all defective electrical & mechanical parts of power plants & substations.
- Replacement of all facilities at power plants.





## List of E&M Services







Installation of Coarse/Fine Screens with Screw Conveyor



Installation of Underground Water Piplines





Pipe Welding Works

Installation of Chillers



Installation of Fire Fighting System



Installation of Fuel Skid



**Repair of Exhaust System** 



## Installation of Various Mechanical Equipments













## **Transmission Lines**

This Transmission Lines Division has been established mainly with the intention of catering to the requirements of the Middle East Countries in the EHV Power Transmission & Distribution Sector.





We are well experienced in Transmission Lines and Substations and have the capability of handling even the most intricate projects right from Concept to Commissioning involving all the required factors like Design, Mobilization, Manufacture of Towers & Line Material, Erection and Testing & Commissioning to the fullest satisfaction of all our clients.

The Contracting Division of the Company is considered to be the ultimate authority for the Turnkey execution of Transmission Line and Substation Projects in Kingdom. We have to date executed Transmission Lines in the Voltage Range of 33 / 66 / 132 / 275 / 500 kV for various prestigious clients.





Our Projects division is equipped with well qualified staff with considerable experience in the construction of Transmission Lines and Substations. We also have under our ownership, important tools and plant like Tension Stringing Equipment, OPGW splicing and Jointing Tools, Backhoe excavators, Erection Cranes...etc. which enhance our ability to meet time commitments.

It is a mark of our commitment to quality that has enabled us to wither tough competition and stay on undisputed as a market leader. As a proof of this fact, it may be noted that the Quality Systems at our Sites have been audited by M/s BVQI and they have issued us the ISO 9001 Certificate for Site activities.



Transmission Line Division has been operational since 2002, in Saudi Arabia bagging the prestigious contracts as listed separately for the construction of 132 kV D/C overhead transmission line between S/S 9009 and S/S 8505 on lump sum turnkey basis for the central operating area of the Saudi Electricity Company.



## **Underground Cable Works**

Raissy Company has the relevant experience in managing all aspects of Underground Cabling Works according to International quality standards with its versatile equipment & human resources.

Our HV cable competencies range from route planning, surveying and engineering to interface handling. We work in desert as well as City areas for underground cabling upto 132kV. We have an experience working right from the route



design to keeping in mind various aspects of local regulations and installation requirements etc.

Our In-house design team, backed by vast experience and knowledge gained throughout the years, has equipped the company with the capability to executes complete design of Underground Cabling works from 11kV upto 132kV, which includes

- · Detailed feasibility study
- Engineering plan
- Survey and design

Raissy underground cable work philosophy and basic key elements include:.

#### **Correct use of Plans**

Before starting work it is essential that you have all of the cable records for the location and that these are kept on site at all times while work is proceeding.

Make sure that they are up-to-date; that they cover all cable voltages at the location; that you understand how to interpret them; and that they are fully utilised both in advance of commencing digging and throughout the full duration of the work.

#### **Use of Cable Locating Devices**

Suitable cable locating devices should be used in conjunction with the cable plans to determine as accurately as possible the position of underground cables in or near the proposed work area.

#### **Use of Safe Digging Practice**

These three key elements complement each other and all three should be used when working near buried services







Computerized design of Transmission lines up to 380kV including Preliminaries - Survey, Optimization of Tower Position, Soil Investigation, Foundation & Tower etc.



Project Management services including procurement of full range of products required for transmission line construction through its database of local & international suppliers



Construction of transmission lines in the Voltage Range of 13.8 / 33 / 69 / 132 / 230 / 380 kV



Installation of UG Power Cables– Routing & Trenching for UG Power Cables, Cable Laying, Installation of Terminal Compound Equipment and etc





**Retrofitting of OPGW and ADSS on existing transmission** lines, under single circuit outage or with all conductors live, to suit client's requirements.



All the above activities as applicable can be undertaken for Microwave / Telecommunication Towers.



## Solar Power Energy

We understand the current trends within the kingdom and also gain insight into the environment of Clients, Technology, and Society in general so that recently we have decided to enter Solar Power Energy Projects. Due to our generous dedication and efforts, now we are experienced in solar power Engineering, Procurement, Construction, and Supply of economic solar power installations. Our trained and professional team adds real value for your solar project and will carry out the detailed



engineering design of the project, procure all the equipment and materials necessary, and then construct to deliver a functioning facility or asset to clients. We do not compromise on the quality, performance, and longevity of the systems we deliver.

We offers Engineering, Procurement and Construction solution for Off-grid/On- Grid installations for agriculture users, public facilities, large commercial projects and Solar Street lighting system.

Solar power installations have to be ecologically and economically profitable. Precise planning, meticulous selection of premium components and their optimal harmonization with each other are important building blocks of solar success.

Our Pilot Project of 26KW in AI-Khudair Farm in AI-Kharj for the Green Houses





## Civil Division

Raissy engineering staffs have extensive experience in a wide range of areas related to Civil Engineering and have excellent knowledge of the relevant codes and policies and are prepared to negotiate issues that arise in a project to facilitate its approval while recognising the client's interests. We pride ourselves on providing quality services that are cost effective and meet our client's needs and expectations.



Our dedicated team of construction professionals are pro-active in ensuring that their project management skills, together with the use of a sophisticated integrated cost and project-management system, result in the completion of projects on time and on budget. We provide services to a wide range of clients including developers, authorities, local government, private property owners to name a few.

Raissy has the ability to procure the best sub-contractors and suppliers and maintains an excellent record of industrial relations.

#### **Premium Services**

#### **Civil Engineering & Construction**





#### Construction of Water and Sewage Network



#### Road Network and Survey

- Urban and Rural Road Networks
- Route Feasibility Studies
- Site set-outs Surveys

#### **Project Management**





#### Major earth and Reclamation Works



**Turnkey Infrastructure Projects** 



Drainage and Sewage Systems



Structural Steel Works





## Clients List

Raissy has successfully associated with many prestigious clients from different industries such as:





### **Constructed Projects**

Raissy has constructed a large number of projects at different locations within kingdom. These projects vary in type, size, cost, and complexity.



## List of Some Major Projects Completed

Bisha Cement Plant Awarded to Raissy Trading & Contracting Co. a prestigious project for Fabrication and Installation of vent duct for bag filter truss conveyor and structural steel fabrication and erection, Structural steel for bucket conveyor, preheat Tower and Raw Mill, Installation of blower, fan motors A/C, Water Chiller pumps, plant utility works, Hydro Pneumatic Reservoirs and pipeline works, pipeline works for fire fighting, fuel, air, lubrication, water treatment plant and jacketing works and installation of laboratory equipment & electric equipment & electric equipments, pumps, sewage plant utility works. Project completed in 1997.







Construction of 115kV overhead Double circuit Line from existing 115kV line of GOSP 1, 4, 5, 7 & 8 Location : Dammam Client: Saudi Aramco(MRK) Year of Completion: 2010



Construction of 132kV Double Circuit Overhead Line from S/S 8068(Huraimala) to S/S 8502





Complete Supply and Installation of Electrical System Client: Al Fouzan National Guard and Military School Campus Location : Riyadh Year of completion: 2006

Construction of Accommodation Building for Saudi Ceramic Staffs Client : Saudi Ceramics Location : Riyadh Year of completion: 2014 Construction of 132kV Double Circuit Overhead Line from S/S 9009(PP#9) to S/S 8505(Rumah) Location : Riyadh Client: Saudi Electricity Company Year of Completion: 2005









Complete Supply and Installation of electrical & Mechanical System of Riyadh Medical Complex Client: Al Fouzan (Ministry of Health) Location : Riyadh Year of completion: 2006

Fuel Gas in plant piping of Yamamah Saudi Cement Company Client: Yamamah Saudi Cement Company Location : Riyadh Year of completion: 2006



Installation of 6MW Generator and Switchboard, Electrical Installation (Transformer, Switch Gear control panel Etc.) Client: Electricity Corporation-Turaif Location : Riyadh Year of completion: 2006

Replacement of Buried Pipe Lines Power Plant # 8

> Client: Saudi Electricity Company Location : Riyadh Year of completion: 2008





Rehabilitation of Oil Pressure Alarm system for Azizia-Thuqba underground cables. **Client: Saudi Electricity Company** Location : Dammam Year of completion: **2006** 





Installation & Welding Steel Pipe 80" dia, 9.5 mm thick-Strategic Plan for Riyadh Water Client: Al Fahad Contrating Co. Location : Riyadh Year of completion: 2013



Improvement of A/C system in the Ministry New Building Client: Ministry of Justice Location : Riyadh Year of completion: 2009



Supply & Installation of Dry Type Transformer at CPP-ETP SS 1 & 2 Client: ALMARAI Location : Riyadh - AlKharj Year of completion: 2010



Implementaion of Third Maintence Center Client : National water Company Location : Riyadh Year of completion: 2014





Supply & Install of New Substation & CPP2 Cold Store Expansion. Client: ALMARAI Location : Riyadh- AlKharj Year of completion: 2010



Installation Implementation of The General Location of The Fifth Maintenance Center Client: National Water Company Location : Riyadh Year of completion: 2014



Implementation of The General Location of The Third Maintenance Center Client: National Water Company Location : Riyadh Year of completion: 2014



Implementation of The General Location of The First Maintenance Center Client : National Water Company Location : Riyadh Year of completion: 2014





Relocation of 4.16KV Motor Feeders from SS #1 to SS #10 Client: (IBN ZAHR) – SABIC Location : Jubail Year of completion: 2013

Replacement of Screening Plant System at Heet STP Client : National Water Company Location : Riyadh Year of completion: 2013







Rehabilitation of Fuel Unloading Area at Madinah Power Plant No.2 Client : Saudi Electricity Company Location : Madinah Year of completion: 2015 GT Exhaust System Repair & Rehabilitation Client: Saudi Electricity Company Location : Riyadh Year of completion: 2015

Replacement of Fuel Management Building for Unit (C6) at PP-8 Power Plant Client : Saudi Electricity Company Location : Riyadh Year of completion: 2015







Replacement of main Air Compressor at Al-Jouf PP Client : Saudi Electricity Company Location : Al-Jouf Year of completion: 2015



Replacement of Damaged Pipelines at Jazan Power Plant Client : Saudi Electricity Company Location : Jizan Year of completion: 2015



Diversion of Overhead Transmission Line Client : Riyadh Metro (BACS) Location : Riyadh Year of completion: 2016

Implementation of Manfouha Environmental Treatment Plant Phase One Client : National Water Company Location : Riyadh Year of completion: 2016



Altaif- Albaha Water Transmission System, Sub Contract Agrement For Civil Works At Arada Pumping Station Client: APPCO (SWCC) Year of completion: 2016



Medium Voltage Conversion for Turaa Thageef Network from (13.8 TO 33 KV) in Taif Client: Saudi Electricity Company – WOA Year of completion: 2016





Execution of Water Pumping Station at Safa of Riyadh City Client: National Water Company Year of completion: 2018





Construction Of Distribution Networks At Population Complexes (33KV OHL) – Al-Baha 23 Client: Saudi Electricity Company – SOA Year of completion: 2018

Construction Of Distribution Networks At Population Complexes (33KV OHL) – Najran 25 Client: Saudi Electricity Company – SOA Year of completion: 2018





13.8kV Overhead Transmission line for HASBAH OGFI – 2 (Saudi Aramco) Client: L&T Electrical and Automation Saudi Arabia Company Limited Year of completion: 2019

Conversion of Layla PP to Fire Crude Oil Client: Saudi Electricity Company - COA Year of completion: 2019







Design and installation of a crane at the existing refineries in Manhole 5 **Client:** National Water Company Year of completion: 2021









Repair and Rehabilitation of Gas Turbine Exhaust System of GE & ABB Units at SEC- Western Sector Power Plants Client: Saudi Electricity Company - WOA Year of completion: 2020



Construction of (2) 132kV DC OHL for S/S 8604 in Al-Afif, Riyadh Area Client: Saudi Electricity Company - COA Year of completion: 2020

Construction of (2) 132kV DC OHL for S/S 8608 in Al-Bijadiyah, Riyadh Area Client: Saudi Electricity Company - COA Year of completion: 2020















Connection of Thadeq S/S # 8524 with 132kV Network in Riyadh Area Client: Saudi Electricity Company - COA Year of completion: 2020

Reinforcement of 132kV OHT Line 8809-9006 in Sajir Al-Dawadmi Area Client: Saudi Electricity Company - COA Year of completion: 2020

Inspection, Cleaning and Repair of Heat Exchangers of COA Power Plants Client: Saudi Electricity Company - COA Year of completion: 2021

Supply, Installation of Fire Alarm System & Fire Fighting Systems Client: SAS Systems Engineering Year of completion: 2021

Construction Of Distribution Networks At Population Complexes (33KV OHL) – Aseer 22 Client: Saudi Electricity Company - SOA Year of completion: 2021

Construction Of Distribution Networks At Population Complexes (33KV OHL) – Jazan 24 Client: Saudi Electricity Company – SOA Year of completion: 2021



## List of On-Going Projects

## Electro-Mechanical & Civil



Rehabilitation of Turbine Inlet Air Cooling (TIAC) System at Block-F PP9 Client: Saudi Electricity Company - COA Percentage of Completion: 99%

Replacement of HRSG Inlet Expansion Joint and Bellows in PP10 Combined Cycle Client: Saudi Electricity Company - COA Percentage of Completion: 25%

Repair of Cooling Water Radiator/Air Coolers/Lube Oil Coolers of GE/ABB/Siemens Gas Turbines at SEC-WOA Client: Saudi Electricity Company - WOA Percentage of Completion: 10%

Maintenance of Compressors and APU Air Intake System in Southern Sector Client: Saudi Electricity Company - WOA Percentage of Completion: 25%

Technical Services for Medium Voltage Cables at COA Power Plants Client: Saudi Electricity Company – COA Percentage of Completion: 99%

Upgrade Oily Water Drainage System for gas Turbines Block (C,D & F) at PP9 Power Plant COA Client: Saudi Electricity Company – COA Percentage of Completion: 85%



Restoration work agreement for the sites of the General Authority of Customs in the Eastern, Northern and Western Sectors Client: Saudi Customs Percentage of Completion: 65%

Technical Services for SIEMENS, WESTINGHOUSE, HYUNDAI, and Other than GE & ABB MV & LV Breakers Client: Saudi Electricity Company – COA Percentage of Completion: 55%

Maintenance for Gas Turbine Doors in Asir, Najran, Sharurah, Bisha and Tihama Power Plants Client: Saudi Electricity Company – SOA Percentage of Completion: 60%

Replacement of Steam Turbine Atmospheric Drain Tanks for PP 10 Client: Saudi Electricity Company – COA Percentage of Completion: 30%



Repair of Service Air Compressors at SEC PP's (Riyadh, Qassim, Hail, Juba) Client: Saudi Electricity Company – COA Percentage of Completion: 5%



Construction of Piping Network of Ammonia from Main Tank to Combined units at PP10 Client: Saudi Electricity Company – COA Percentage of Completion: 1%





## <u>Transmissionlines</u>











Construction OHTL From AL Salam BSP To Bawat Substation at Madinah Client: Saudi Electricity Company - WOA Percentage of Completion: 30%

Construction of 132KV D/C OHTL Between Abu-Qaeed 132KV S/S and Al-Haqu 132KV S/S Client: Saudi Electricity Company - SOA Percentage of Completion: 01%

Protection SCADA And Communication Modification for 33KV Network Connection of Riyadh Rural Areas (DAWADMI, AFIF, SAJIR) Client: Saudi Electricity Company - COA Percentage of Completion: 10%

Protection SCADA And Communication Modification for 33KV Network Connection of Riyadh Rural Areas (Muzahmia, Thadiq, Majmaa, Artawiah) Client: Saudi Electricity Company - COA Percentage of Completion: 10%

Interconnection of New S/S 7608 with S/S 8608 by Construction of New 33KV DC O/H Line Circuits in Alfaqarah, Dawadmi Area Client: Saudi Electricity Company - COA Percentage of Completion: 10%





Interconnecting of Existing S/S 7821 with S/S 9064 in Al-Ghat, Riyadh Rural Area Client: Saudi Electricity Company - COA Percentage of Completion: 10%



Unified Contract for Distribution Networks Up to 36 kv at Al Baha Electricity Department Client: Saudi Electricity Company - SOA Percentage of Completion: 00%



Unified Contract for Distribution Networks Up to 36 kv at Riyadh Electricity Department Client: Saudi Electricity Company - SOA Percentage of Completion: 00%


# List of Completed Projects

N	o. <i>Client</i>	Description of Work					
Electr	o-Mechanical Pro	jects					
1	SEC - SOA	$\lor$ Repair of Exhaust components for Gas Turbine					
2	Lucky Development Co. Ltd.	<ul> <li>✓ Installation of Water chiller, Chilled Water Pipe Line</li> <li>✓ Fabrication and installation of HVAC Duct works &amp; Ventilation</li> <li>✓ Installation of smoke and</li> <li>✓ pressuraization Fans</li> </ul>					
3	SCECO PP5	<ul> <li>∨ Rehabilitation of Air Intake Hood</li> <li>∨ Fabrication and Installation of Lube Oil Condenser</li> <li>∨ Major repair of Transition Duct</li> </ul>					
4	Olayan Saudi Holding Co.	<ul> <li>✓ Renovation works for irrigation water line for lanscaping</li> <li>✓ Fabrication and Installation of water tower, Pumps for Oil, Water and Diesel fuel</li> <li>✓ Fabrication and Installation of Auxiliary Water tank and associated Civil work</li> </ul>					
5	E.A. Juffali & Brothers	<ul> <li>✓ Installation of Water Chiller and Piping</li> <li>✓ Duct works &amp; Ventilation and related facilities</li> </ul>					
6	Arab investment Co.	<ul> <li>✓ Installation of Electric meters</li> <li>✓ Fabrication and Installation of Electric Main Panel</li> </ul>					
7	Muncipality of Hofuf	<ul> <li>Installation of Water Treatment Tank and Aeration Tank</li> <li>Rehabilitation of Sludge Pump (250 Hp) and major rehabilitation of Scraper facility</li> <li>Fabrication of water tower structure (30 meter hieght)</li> </ul>					
8	G.I.D. Training Center	<ul> <li>✓ Installation of Generator sets and Overhead Crane</li> <li>✓ Pipe Works for Fuel, oil, water radiator etc.</li> </ul>					
9	SCECO PP5	<ul> <li>✓ Exhaust Diffuser and silencer</li> <li>✓ Fabrication and Installation of Flycol cooler</li> <li>✓ ABB Gas Turbine works and Pumps for Lube Oil, Air/Air cooler</li> </ul>					



10	SCECO PP3	<ul> <li>Installation of Starting Package for 60 MW Turbine</li> <li>Repair of Exhaust Stack Structure with sheet Metal Cladding (Internal and External)</li> <li>Repair of Transition Duct</li> </ul>						
11	Olayan Saudi Holding Co.	∨ Construction of Multi-purpose Hall with electric facilities, fire alarm, fire fighting & pipe works.						
12	Gurayat Government Hospital	<ul> <li>✓ Mechanical work for HVAC, Ducting and Installation of air Handling Units and Related Equipment</li> <li>✓ Mechanical Work for HVAC</li> <li>✓ Testing and Balancing</li> </ul>						
13	Saudi Aramco Riyadh Bulk Plant Catch Basin	<ul> <li>✓ Installation of Riyadh Bulk Plant</li> <li>✓ Pipe works and installation of works for Catch Basin</li> <li>✓ Water treatment Rehabilitation Works</li> </ul>						
14	Saudi Aramco Sullayil	<ul> <li>∨ Fabrication and Installation of Heat Exchanger</li> <li>∨ Associated works for Heat Exchanger</li> <li>∨ Fabrication and Installation of Air/air and Oil Cooler</li> </ul>						
15	Six Villas at Sulaimania, Riyadh	∨ Renovation, HVAC, Plumping and Electrical works and Civil works						
16	Rafha Power Station	<ul> <li>✓ Installation of 12 Mw Generator, Fuel, Oil and fire Fighting Pipe Works</li> <li>✓ Installation of Water Treatment Plant</li> </ul>						
17	Saudi Aramco, Riyadh	$\vee$ Fabrication and Installation of Structural Works						
18	Electricity Coorporation, Turaif	∨ Renovation and Retrofit Works 13.8 KV switchgear and control panel						
19	Electricity Coorporation	<ul> <li>✓ Installation of 6 MW Generator and Switchboard</li> <li>✓ Electrical Installation (Transfomer, Switch Gear control panel, etc.)</li> </ul>						
20	Electricity Coorporation, Mahad al Dahab	<ul> <li>∨ Complete Installation and Operation of 3x3.5 MW Diesel Power Plant</li> <li>∨ Mechanical Works at the Power Plant</li> </ul>						
21	Electricity Coorporation, Tabuk	<ul> <li>✓ Installation of 33 KV, 630A Switchgear</li> <li>✓ Testing and Commissioning of Switchgear</li> </ul>						



22	G.I.D Training Center	<ul> <li>✓ Installation of 2 MW Transformer</li> <li>✓ Testing &amp; Commissioning of Transformer and Switchgear</li> </ul>
23	Electricity Coorporation, Khakir	<ul> <li>✓ Mechanical Installation &amp; fabrication works for 3x1.75 MW diesel Power Plant installation</li> <li>✓ Water Treatment Plant Rehabilitation</li> </ul>
24	SCECO PP3	<ul> <li>∨ Repair of Stack joint Seals</li> <li>∨ Rehabilitation of Starting Package</li> </ul>
25	SCECO PP4	$\lor$ Repair and Installation of Exhaust Stack & Chimney
26	SCECO PP7	$\vee$ Fabrication and Installation of Cooling Tower
27	SCECO PP7	$\vee$ Fabrication and Installation of Cooling Tower
28	SCECO PP4	$\vee$ Fabrication and Installation of Overhead Crane 50 ton
29	Ministry of Defence, King Lhaled Military City	∨ Supply and Installation of control System for chiller Water plant of KKMC
30	Electricity Coorporation, Mahad Al Dahab	<ul> <li>✓ Fabrication and Installation of Lube Oil Cooler</li> <li>✓ Rehabilitation of Lube Oil pipe line</li> <li>✓ Installation of Oil Sludge Pump and Repair Works</li> </ul>
31	E. A. Juffali & Brothers	<ul> <li>∨ Rehabilitation and Installation of 250 HP Sewage Pumps</li> <li>∨ Fabrication and Installation of Treated Water Tank Power</li> <li>∨ Rehabilitation and Repair of Crawler Crane</li> </ul>
32	SCECO PP4	$\lor$ Installation and Overhauling of 1600 cfm Air Compressor
33	SCECO PP7	<ul> <li>Relocation of 4 MW Generator set (from Afif to Riyadh)</li> <li>Overhauling of Generator and Air Cooler</li> <li>Fabrication of cable tray Support Structure and Laying of Cable Trays and cables</li> </ul>
34	SCECO PP5	✓ Repair and Installation of Exhaust Diffuser and Stack Structure and related works



35	Southeren Province Cement Co., Bisha	<ul> <li>✓ Local fabrication and installation of Finish Mill</li> <li>✓ Rehabilitation of Deduster and structural Expansion</li> </ul>
36	Southern Province Cement Co. Jizan	<ul> <li>∨ Installation of Swewage Tratment Plant</li> <li>∨ Installation of Hydro-Pneumatic Tank</li> <li>∨ Expansion of Automatic Air Pulsation Cleane</li> </ul>
37	SCECO PP7	∨ Repair of Air Cleaner Package for Genset
38	SCECO PP3	<ul> <li>✓ Structural Repair of Exhaust Stack and Deflectors</li> <li>✓ Repair of Exhaust Transition</li> </ul>
39	SCECO PP3 Phase 1 & 2	<ul> <li>∨ Repair of Exhaust Stack and Transition</li> <li>∨ Rehabilitation of Intake Duct and Manifol</li> </ul>
40	Ministry of Defense – Arar/Hadisha	<ul> <li>Transfer of Diesel Genset from Arar to Hadisha construction of New Power Plant Building in Arar</li> <li>Re-installation of Transferred Genset including connections of diesel and fuel pipelines and the associated electrical works</li> </ul>
41	Ministry of finance	∨ Transfer of diesel Genset from Hail to Nasseriah Power Plant, Dismantling, Transfer, foundation, re-installation, Mechanical and Electrical connections
42	Yamamah Saudi Cement Company	∨ Package #3 – Fuel Gas In-Plant Piping
43	PP7	$\lor$ Supply and Installation of New Air Circuit and Compressors
44	PP5-Riyadh	V Repair and Replacement of GT Insulation and Cladding for 5 Units
46	Al-Fouzan National Guard and Military School campus	$\vee$ Complete Supply and Installation of Electrical system
47	Al Fouzan (Minstry of Health)	<ul> <li>∨ Riyadh Medical Complex</li> <li>∨ Complete Supply and Installation of Electrical and Mechanical System</li> </ul>



$PP - 9$ Riyadh $\lor$ Convention of Crude oil firing system of natural Gas						
SEC-COA	∨ Replacement of Buried Pipelines for PP-8					
SCECO-SOA	∨ Replacement of existing compressed air system of GIS operating mechanism in 132KV substation					
SEC-EOA	∨ Rehabilitation of Oil Pressure Alarm system for Azizia-Thuqba underground cables.					
МОЈ	$\lor$ Improvement of A/C System in the Ministry New Building					
SEC-COA	∨ Modification of Genertor Cooling System for ABB Generators at PP-4					
ALMARAI	∨ CPP2 Cold Store Expansion, B6A Capex., Supply & Install New Substation					
ALMARAI	$\lor$ Supply & Installation of new CCP - EPT substation					
Ministry of Finance	∨ Relocation of HV Cables, 2 S/S and Lighting Pole between Hafr Al Bathain and Al Raghi					
Ministry of Finance	∨ Relocation of HV Cables , 2 S/S and Lighting Pole Between Hafr al Bathain and Alraghi					
SEC-SOA	∨ Gas Turbine Exhuast System Repair and Rehabilitaion at Central Power Plant -WESTINGHOUSE					
SEC-SOA	∨ Replacement of Air Compressor in Najaran Area					
SEC-SOA	$\lor$ Replacement of DC System in Asir S/S					
Almarai	∨ Cabling Required for the inter Connection of MFI Gensets with Bakery Plant 5 S/S					
SEC-SOA	$\lor$ Supply and Installation of Air Compressors for Asir CPS S/S					
Almarai	∨ Installation & Testing of Switchgear, Transformers for Almarai Tabuk Depot					
Saudi Aramco	∨ IPSA – 5 Electrical Upgrade					
Saudi Ceramics	∨ Construction of Accommodation Building for Saudi Ceramic Staffs					
	PP-9RiyadhSEC-COASEC-COASEC-EOAMOJSEC-COAALMARAIALMARAIMinistry of FinanceMinistry of FinanceSEC-SOA					



5		
66	SEC-EOA	$\lor$ Replacement of Main Air Compressors at Al-Jouf PP
67	National Water Company	$\lor$ Replacement of Screening Plant System at Heet STP
68	SEC-COA	$\lor$ Replacement of Damged Cable in Qassim PP3
69	SEC-SOA	$\lor$ Replacement of Damaged Pipelines at Jazan PP
70	SEC-WOA	$\lor$ Rehabilitation of Fuel Unloading Area at Madina PP
71	SEC-COA	∨ Replacement of Fuel Management Building for Unit (C6) at PP-8 Power Plant
72	SEC-COA	∨ Replacement of Old Transformer Rooms Roof with Louvered Steel Sunshade Roof to Enhance Ventilation
73	APPCO	$\lor$ Equipment Installation work at Arada Pumping Station (PS1)
74	SEC-COA	∨ Gas Turbine Exhaust System Repair and Rehabilitation at Central Power Plant-ABB
75	SEC-COA	∨ Gas Turbine Exhaust System Repair and Rehabilitation at Central Power Plant - AEG,GE "5" & HITACHI
76	SEC-COA	∨ Gas Turbine Exhaust System Repair and Rehabilitation at Central Power Plant-Westinghouse
77	SEC-COA	∨ Gas Turbine Exhaust System Repair and Rehabilitation at Central Power Plant - [ GE FS-7 ]
78	National Water Company	∨ Construction of Scattered New Electrical Substation at Riyadh for RWPS (13.8 & 33 kV)
78	Almarai	∨ Makah East Depot- Medium Voltage Works
79	SEC-WOA	∨ Repair of Chimneys for MHI Steam Units #1-4 of Stage-I and ABB HRSG'S & GT Units #1-8 of Stage-II at Rabigh Power Plant
80	Saudi Fal	∨ Upgrade of Gas Control System at Block E-PP9
81	GEA	∨ MV, LV Electrical Installation Works of Refrigeration System and Control Cable Installation Works
82	Almarai	$\lor$ Excavation and Cable Laying for FOC Communications
83	Almarai	∨ Additional Requirement for CHPA Substation
84	National Water Company	∨ Implementation of Manfouha Environmental Treatment Plant Phase One
85	National Water Company	∨ Rehabilitation of fences & general location of Manfouha Environmental Treatment Plant Phase Second



86	Almarai	$\vee$ 13.8KV MV Cable for B9A Substation					
87	SEC-COA	$\lor$ Maintanence & Servicing of Compressors System Block - D					
88	SEC-COA	∨ Installation of 6 manual Isolation Valves on the Inlets and Outlets of Main Gas Filters A&B at Power Plant # 9					
89	Almarai	$\lor$ MV Cables Power Plant to MV Substations					
90	SEC-COA	∨ Service air supply piping extension for units 6,7,8 and GT 1-5 in Hail power plant					
91	SEC-WOA	∨ Gas Turbine Exhaust System Repair and Rehabilitation at Western Power Plant					
92	SEC-SOA	∨ Replacement of Station Air Compressor at Najran Power Plant					
93	NWC	∨ Installation of Control Panels, Sensors and Switches at the Heet Stations, Phase I and II					
94	NWC	∨ Installation and Maintenance of Water Exhibition in Al-Nozha District in Riyadh City					
95	SEC-COA	∨ Removal & Dismantling complete Fired Roof & annexes of TIAC F Building					
96	NWC	∨ Execution of Water Pumping Station at Safa of Riyadh City					
97	SEC-COA	∨ Supply and Install chilled water supply and return pipes for Heat Rejection System of PP-8 TIAC					
98	SEC-COA	∨ Transfer Electrical Loads of Unloading Area from Old Laboratory Building to New SWGR Room in HAIL PP					
99	Saudi Customs	∨ Restore and rehabilitate truck berths at the Al-Batha Port, Stage three					
100	NWC	∨ Design and installation of a crane at the existing refineries in Manhole 5					
101	SAS Engineering	∨ Supply, Installation of Fire Alarm System & Fire Fighting Systems					
102	NWC	∨ Replacement of 4 Fine Screens at South Plant C2 with Environmental Services					
103	SEC-WOA	∨ 480V Power Supply Unitization for HFO Lube Oil Pump & Cooling Fan of HFO Forwarding Pump at RPP Stage-6					
104	SEC-COA	∨ Conversion of Layla PP to Fire Crude Oil					
<u>Trans</u>	mission Lines						
1	Saudi Electricity Company	<ul> <li>∨ Construction of 132kV Double Circuit OHL from S/S 8068(Huraymala) to S/S 8502(HawatSudair)</li> <li>∨ Including Change Order on 380 KV Line</li> </ul>					



2	Saudi Aramco (MRK)	∨ Replacement of 13.8 KV Line in GOSP 7 & Construction of 115 KV Overhead Transmission Line for GOSP 1,4,5,7,8 - Saudi Aramco					
3	Saudi Electricity Company	∨ Construction of 132kV Double Circuit OHL from S/S 9009(PP9) to S/S 8505(Rumah)					
4	SSEM	∨ Foundation and Tower Erection for 132 KV Double Circuit Overhead Line from Al-Wajh To Al- Ulla					
5	Swayeh	∨ 13.8kV Distribution network for water conveyance project from Busayath well field to Qurayat city					
6	MASS PROJETS	∨ Stringing of 132kV Double Circuit OHL from Madina North S/S to Khyber New S/S					
7	AL-FANAR	∨ Emergency Shutdown Work of Tower Erection and Stringing of 380 KV Double Circuit Overhead Line towards S/S 9013					
8	SWAYEH	✓ Installation of Double Circuit Overhead Distribution Line, Earthing & Lightening Protection - Najran Water Transmission Project					
9	TECO	$\lor$ Installation of Transformers and Control Panels					
10	Al-Osais	$\lor$ Civils works NPOC S/S and new DCP S/S					
11	ABB	∨ Loop IN-OUT for Teiam S/S at MADINA					
12	AL-GIHAZ	∨ Loop IN-OUT for Shoran S/S at MADINA					
13	SEC-WOA	∨ Replacement of Defective Old Networks & MV & LV Networks of Turra Thageef in Taif					
14	SEC-EOA	∨ Replacement of 115 KV OHTL Towers and Conductor spacers for 230KV Lines in Abqaiq and Aindar Area.					
15	SEC-EOA	$\lor$ Installation of 69 KV O/H conductor on the Vacant/Spare wing of Dhahran Central – Kaab Line – B					
16	KADI Trading & Contracting Co. Ltd.	∨ Construction of 132kV OHTL from proposed Rafha P/P 132kV SS to New Rafha 132/33/13.8kv SS					
17	Riyadh Metro	∨ Diversion of OHL Transmission Lines					
17	SEC-EOA	$\lor$ Diversion of Overhead Transmission Lines in EOA					



18	SEC-WOA	∨ Medium Voltage Conversion for Turaa Thageef Network in Taif from (13.8 to 33 KV)
19	SEC-EOA	∨ Construction of 33KV DC OHL from Al-Jouf to New Qarah 33/13.8KV SS (OHL Portion)
20	SEC-SOA	∨ Construction Of Distribution Networks at Population Complexes – Najaran 25
21	SEC-SOA	∨ Construction Of Distribution Networks at Population Complexes – Al-Baha 23
22	SEC-SOA	∨ Construction Of Distribution Networks At Population Complexes – Aseer 22
23	SEC-SOA	∨ Construction Of Distribution Networks At Population Complexes – Jazan 24
24	SEC-COA	∨ Construction of (2) 132kV DC OHL for S/S 8604 in Al-Afif, Riyadh Area
25	SEC-COA	∨ Connection of Al-Jilah BSP S/S # 9063 with 132kV Network in Riyadh Area
26	SEC-COA	∨ Construction of (2) 132kV DC OHL for S/S 8608 in Al- Bijadiyah, Riyadh Area
27	SEC-COA	∨ Connection of Thadeq S/S # 8524 with 132kV Network in Riyadh Area
28	SEC-COA	∨ Construction of 33KV DC OHL from Al-Jouf to New Qarah 33/13.8KV SS (OHL Portion)
29	SEC-COA	∨ Reinforcement of 132kV OHT Line 8809-9006 in Sajir Al- Dawadmi Area
30	Al-Bushaier Trading & Cont. Co	∨ Install 33Kv DC conductor & OPGW at Al-Dawadmi Area



	List of Key Management And Supervisory Personnel								
Sn	Name of Person	Postion	Qualification						
1	Fahad Al Khudhair	Executive Director	Master Degree in Economics						
2	Abdulaziz Khalaf Al-Odailah	Deputy Executive Director	Degree in Mechnical Engineering						
3	Amjad Melhem	Finance Director	Master Degree in Commerce						
4	Ahmad Sanedi	Administration Manager	Master in Business						
5	Mahmoud Al-Hadad	PMO Manager	Degree in Electrical Engineering						
6	Sammani Hassan Ibrahim	Purcahse Manager	Master in Economics						
7	Mohamed Abd Elnabi	Civil Projects Dept. Manager	Degree in Civil Engineering						
8	Geevargheese	Project Manager (Electrical)	Degree in Electrical Engineering						
9	Joselito Jumuad	Project Manager (Mechanical)	Degree in Mechnical Engineering						
10	Muthu Kumar Krishnan	Project Manager (Transmissionlines)	Degree in Electrical Engineering						
11	Mohammed Yousaf	Tendering Management	Degree in Electrical Engineering						
12	Mohammed Elbaz	Project Manager	Degree in Electrical Engineering						
13	Mohammed Zahran	Project Planner & Coordinator	Degree in Civil Engineering						
14	Mohammed Usman	Project Planner & Coordinator	Degree in Electrical Engineering						
15	Suliman Asker	Project Engineer	Degree in Mechanical Engineering						
16	Mohammed Ahmed Ghanem	Project Engineer	Degree in Civil Engineering						
17	T.T Mari Durai	Construction Manager	Degree in Electrical Engineering						
18	Jaya Prakash	Project Engineer	Degree in Mechanical Engineering						
19	Kamal Deo Shah	Project Engineer	Degree in Electrical Engineering						
20	Ahmed Rafat	Project Engineer	Degree in Mechanical Engineering						
21	Rojy Varghese	Project Engineer	Degree in Electrical Engineering						
22	Saad Abdullah Almflah	Project Engineer	Degree in Civil Engineering						



23	Mohammed Nayeem	Project Engineer	Degree in Electrical Engineering
24	Waqas Ahmed	Project Engineer	Degree in Electrical Engineering
25	Mohamed El Tayyab	Project Engineer	Degree in Electrical Engineering
26	Tamer Radwan	Project Engineer	Degree in Electrical Engineering
27	Elango Krishanan	Solar Engineer	Degree in Electrical Engineering
28	Sanoj Chellappan Santha	QA/QC Engineer	Degree in Electrical Engineering
29	Jobert Bangdenum	Site Engineer	Degree in Electrical Engineering
30	Eduardo Taub Abetong	Site Engineer	Degree in Electrical Engineering
31	Nasser Al-Nakali	Site Engineer	Degree in Mechanical Engineering
32	Renjith C V	Site Engineer	Degree in Mechanical Engineering
33	Asem Osman	Site Engineer	Diploma in Civil Engineering
34	Ahmed Almasari	Site Engineer	Degree in Mechanical Engineering
35	Alsalmi Samer	Site Engineer	Degree in Mechanical Engineering
36	Majed Al-Harthi	Site Engineer	Degree in Mechanical Engineering
37	Mohammed Amr	Site Engineer	Degree in Civil Engineering
38	Mohammed Abdulrahman	Site Engineer	Degree in Civil Engineering
39	Bijil C Abraham	Site Engineer	Degree in Electrical Engineering
40	Haroon Muhammed	Site Engineer	Degree in Electrical Engineering
41	Sathish Kumar	Site Engineer	Degree in Electrical Engineering
42	Dinesh Sah	Site Engineer	Degree in Electrical Engineering
43	Hassan Ahmed	Site Engineer	Degree in Civil Engineering
44	Mohammed Asim	QA/QC Officer	Diploma in Mechanical Engineering
45	Mohammed Abu Backer	QA/QC Officer	Diploma in Civil Engineering
46	Arif Basha	Safety Engineer	NABOSH, Mechanical Engineer
47	Noel Oliver	Safety Officer	NABOSH, Diploma in Safety
48	Wakil Ahmad	Safety Officer	NABOSH, Diploma in Safety
49	Edwardo Abello	Safety Officer	Diploma in Safety
50	Ignacio Moralde Gonzaga	Safety Officer	NABOSH, Diploma in Safety
51	Athul Olachery Keloth	Safety Officer	NABOSH, Diploma in Safety



# **Company Policies & Procedures**

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- 5. Health & Safety
- 6. Internal Audits in Project Management
- 7. Document Control
- 8. Non-Conformity Control and Corrective & Preventive Action System
- 9. Procurement Process & Procedures
- 10. Contract Management & Subcontracting
- 11. Waste Management





# 1. Project Management

*Raissy Co.* uses standard project methodologies at all stages of a task, from initial bidding to settlement of the Final Account. These methodologies are integrated into a project specific plan after discussion with the client to determine the precise needs of the task. If a third party contractor is also involved in the project, this plan will also take account of the need for project co-ordination of the works for which Raissy Co. have responsibility, with those of other contractors and sub-contractors.



Once the overall approach has been agreed, the structure of the Raissy project team is fine-tuned to meet the needs of the task. A complete project plan is then finalized.

The Raissy Co. project management team will then ensure that the established plans are adhered to throughout the works, with client changes being incorporated as required, under full documentation change control. Where possible required changes are introduced without impacting the project time scales. Any necessary impact is communicated to the client at the planning stage and agreement reached at that time. Project Review meetings will be held and minuted to an agreed programme, and regular Project Reports prepared and issued to all concerned

At the end of the project, a full documentation package will be finalized and handed over to the customer or his representative. As part of a controlled handover programme, any required training of the clients' staff is arranged to ensure a smooth transition to full operation, and effective maintenance thereafter.





# 1.1 Scheduling

Raissy Company's scheduling methods are performed under the supervision of the project team and by the site engineers to detail the work requirements of activities.

The project scope will be discussed with experts representing different trades such as civil-structural works, electrical, mechanical, etc. The experts carefully review the tasks related to their area of expertise and



break them down into activities and sub activities that can be easily managed. They also identify the needed resources, and determine the required duration for each activity based on Raissy's standard productivity record, and define the dependencies of those activities. Once the work of experts is completed, they meet with the scheduler and estimating and planning managers to draw up the initial schedule, assuming unlimited resources.

The project team will review the draft schedule and decides either to accept it, or if the schedule is not satisfactory, they may add more resources to reduce the duration of the project. This may include changing the construction methods and/or crashing some critical activities that require highly skilled/highly paid labor.

Once the final schedule is produced, it is given to the site engineer or foreman who will prepare the schedule that presents a short-term detailed activity schedule that is used by workers to perform their assigned tasks.

To handle these process, we uses **PRIMAVERA** or **MS Projects** software, the latter software is used when there is a need to interface with other programs.

This project schedulling is an effective approach that helps Raissy, to use its resources efficiently and employ its manpower in the most effective manner. In addition, with the expansion of the company, this approach facilitates the proper planning and distribution of resources among projects without any interruption or delay in their completion. It is also important to note that this approach ensures that the required quality is attained and that the company's reputation is maintained



# **Project Execution Management**

Once a project in the execution phase, a project team and the necessary resource will be in place ready to perform the project activities, and the project plan will scheduled.

The project team, and specifically the Project Manger focus on observing, participating, and analyzing that what was said would be done, is being done.

Below represented the flow chart of project execution;





# 2. Project Communication

You should know what is happening with your project at all times: At Raissy Co., our Project Manager ensure that an open communication exists and that advance information/notice of any project challenges are properly channelled to the higher management as well as regular updates of the projects progress.



Backed up by qualified and highly experienced staff, the company uses the most modern techniques in all

avenues of its operation. The company also has a record of 100% on time completion of all Contracts undertaken till date. With the use of high tech. software like AutoCAD and MS Project/Primavera, the company is able to optimize the Project Cost through consistent innovative Design Optimisation and Efficient Project Planning & Coordination.



# 2.1 Controlling

Raissy follows a well-organized system for controlling their projects with regard to the two important variables, namely, time and cost. The control process is divided into two many sub processes:

- Ø Monitoring
- Ø Updating

Both these processes are governed by a number of parameters, as described below.

#### Monitoring

The first process of controlling project construction is monitoring. This process is conducted to prevent any deviations from the original plan, unless there is any documented change order. The site engineer provides a daily status report on site activities. This report monitors the procurement process along with the specific construction activity. The procurement monitoring process involves creation of material requisitions, placing of purchase orders, and delivery of materials to the worksite. This approach is followed as a means to facilitate partial progress payment throughout the construction process.



## Updating

The second process in controlling is updating. After obtaining the daily data from the site, a progress weekly meeting is held including all project team members to discuss any deviation from the original plan and decide on the corrective actions needed for adjustment to comply, as possible, with the original project schedule. After the agreement on the proposed corrective actions, a weekly look-ahead construction schedule is produced and furnished to the project superintendent for execution. An unscheduled update is also conducted whenever unforeseen events occur during construction operations.

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#### Our Format for Daily Progress Reporting



## 3. Management Planning

The first step in the planning process for a project undertaken by Raissy is to assemble a full team comprising a project manager, site manager and planning manager. The primary role of this team, at the planning stage, is to establish a comprehensive project strategy that includes full assessment of available resources, construction plan, human resources plan, quality plan, risk management plan and safety plan. Each one of these plans focuses on an important aspect of the project as described below:



#### a) Available Resources

During this phase, the team systematically lists all the resources that will be required for the duration of the project, and then ensures that these resources will be available as and when required. This step enables the company to determine whether it can balance the supply and demand and take on the project singlehandedly, or whether it will need to enlist the support of subcontractors or equipment suppliers.

#### b) Construction Plan

This crucial phase of the planning process involves the work break downing. Considered to be a key tool of project management, it involves breaking down the whole project into its many separate parts. This planning details the project deliverables, tasks and responsibilities. It serves as a tool for defining the scope of work as well as for summarizing and reporting progress.

#### c) Human Resources Plan

The human resources plan outlines how many team members/employees will be assigned to the project. It specifies the resources that are required to meet the project's goals. To the extent possible, the plan estimates who will do what, when, where and for how long. It is an important phase of the planning process, as the accuracy of the human resources plan has a direct bearing on the successful and timely completion of the project.



#### d) Quality Management Plan

The quality management plan provides guidelines as to how quality can be measured and ensured for the duration of the project. This is done through periodic progress reports, project reviews, on-site documentation, and established sets of rules. The plan gives management and the customer a clear understanding of how quality will be maintained, monitored and measured during the course of the project.

#### e) Risk Management Plan

The risk management plan is developed to anticipate risks, to estimate the effectiveness of the scope of work and to create response plans to minimize risks. The risk management plan contains an analysis of likely risks with both high and low impact, as well as mitigation strategies to avoid the project being disrupted should problems arise. Risk management plans should be periodically reviewed by the project team to ensure that the analysis is up to date and accurately reflects potential risks to the project.

#### f) Safety Plan

A construction safety plan assists the contractor in managing workplace health and safety obligations. This plan must be prepared before the work starts and includes, but is not limited to, emergency procedures, the risks the contractor is required to manage, appointment of site Health and Safety specialist, etc.



# 4. Quality Assurance



It is a mark of our commitment to quality that has enabled us to with tough competition and stays on undisputed as a market leader. Since the beginning Raissy Co. has set high standard of workmanship.

Raissy Co. operates its own Customer Satisfaction Survey process where it monitors its own performance.

Audits are conducted throughout the sites and factory, on a regular basis, by experienced Quality Auditors. The audits identify valuable areas for improvement and regularly provide early warning of problems, enabling cost effective action and amendment to the Quality System.

Cross functional teams regularly meet to review the efficiency of operational activities and to provide effective and workable solutions for improvement.

Raissy Co. builds strong links with its Customers Quality Teams to ensure the speedy resolution of operational and product issues, minimizing costs and disruption.





# 5. Health & Safety

## Safety Policy Statement

Safety plays a very important role in construction work. It is our objective to efficiently achieve our construction targets without compromising on safety aspects of our personnel, equipment, plant as well as the community.

A good and effective construction safety program will improve the overall performance of the project as well as help in eliminating / minimizing the accidents.

Safety is an integral part of our daily activity and requires strict adherence to the following principles.

 $\tilde{N}$  Every employee shall familiarize himself with safety rules as safety of every person, equipment and the community is paramount.

 $\tilde{N}$  Primary responsibility of each employee is to make sincere efforts to reduce the possibility of an accident.

 $\tilde{N}$  Safety takes precedence over expediency and short cuts.

 $\tilde{N}$  The basic safety rules and loss preventive measures contained in this program are mandatory and will be actively enforced by supervision and management.

 $\tilde{N}$  Safety is accepted as an individual responsibility and each person shall think, plan and perform his work with safety as the utmost consideration.

Individual commitment and voluntary support of these principles by each employee are critically essential to the success of this safety program.



# 5.1 Safety Policy

We at Raissy Co. are fully committed to our responsibility to efficiently achieve our construction targets without compromising on safety aspects of our personnel, equipment, our client plant, personnel, equipment as well as the community.



It is our objective to have a good and effective construction safety program and improve the overall performance of the project as well as help in eliminating / minimizing the accidents.





# 6. Internal Auditing in Project Management

Capital construction projects can create significant exposure for organizations that are unaware of the risks associated with excessive cost, project delay and quality issues.

Quality System is evaluated; it applies to internal quality audits carried out by Raissy Auditors. On award of the Contract, Raissy will develop a basic organization structure for the execution of the project.



#### Main Objectives

The overall objective of the internal audit is to assist project management with timely information on financial management aspects of the project, including internal controls and compliance with financing agreements, to enable follow-up and take corrective action. Efficiency and timeliness of the funds flow mechanism and whether there are delays which may impact the timely implementation of Project and to check whether all funds received under the project have been used in accordance with the financing agreements, with due attention to economy, efficiency and effectiveness



# **Policies of Internal Auditing**

Control review	Financial review
<ul> <li>✓ Competitive bidding</li> <li>✓ Capital approvals/expenditures</li> </ul>	∨ Reporting system - internal
<ul> <li>Compliance with policy and procedures</li> </ul>	<ul> <li>✓ Financial reports</li> <li>✓ Reports agree with actual costs</li> </ul>
<ul> <li>∨ Payment applications</li> <li>∨ Change order process</li> </ul>	incurred
<ul> <li>Estimating and scheduling</li> </ul>	<ul> <li>✓ Payment application processing</li> </ul>
<ul> <li>✓ Contract review</li> </ul>	✓ Change order costs

## Internal Auditing in Risk Management

Raissy Internal auditors have a watchful eye, when it comes to assessing a project's risk impact on the company's capital reserves. It is no longer sufficient to assign a standard percentage of the contract's value to allow for unforeseen events. Our internal auditors mainly focused in following risk managing areas

- Ø Financial Risk
- Ø Construction Risk
- Ø Compliance and Safety





# 7. Document Control

This policy describes how Pearson will approach document classification and control. Businesses need

to classify and control documents for legal and commercial reasons and as part of good governance and to reduce project risk by protecting and managing confidential and sensitive information of projects in a consistent way across Raissy.

To identify the controls implemented by Raissy for Quality System Documentation. Documentation is structured into following levels;

- Ø Level 1: Quality Manual,
- Ø Level 2: Procedures, Technical manuals, Standards & Guides
- Ø Level 3: Procurement Records
- Ø Level 4: On-going & Completed Projects Files
- Ø Level 5: Reports, forms, labels, equipment lists

This policy concerns the organization's computer-centered document control system. Document Control is designed to manage the authorization, development, recording, review, revision, circulation, storage and disposal of documents of significance to the organization. It helps Raissy to readily identified and accessed.

## **Responsibilities**

Departmental Heads/Managers are ultimately responsible for the control of documents within their designated areas. They may delegate this task, but remain responsible.

All staff members have a responsibility for ensuring that documents posted on Sharepoint meet the document control requirements set out in this policy.









## Procedure

## Initiating Conditions for the Original Distribution of New or Revised Controlled Documents

By memorandum, designate an individual within each division as a single point of contact to receive and further disseminate Raissygenerated technical reports, engineering design files, program plans, and design documents.



#### Processing an Internal or External Document for Distribution

Distribute external and internal documents in accordance with the distribution list provided by the Requester/Preparer. Maintain a listing of the recipients or functional positions associated with each hard copy controlled document or external document distributed.

#### **Distribute and Tracking the Receipt of Documents**

Distribute documents according to document distribution lists or modified distribution lists

#### **Canceling Documents**

Initiate a formal change to the Raissy Requirements prior to requesting cancellation of a document.

To process canceling an approved implementing document, work planning document or supplier technical documents.



## **Control of Externally Generated (Non-Company) Documents**

Documents which originate outside the company must be controlled to ensure the correct issue or revision is in use.

Each department takes responsibility for these documents to maintain their status.



# Control of Quality Records

Ensure satisfactory planning, collation, indexing, access, maintenance, storage and retrievability of quality records/documents within Raissy.

Records maintained to provide objective evidence of the conformity, implementation, and effective operation of the quality management system are defined in each procedure and/or work instruction.

## <u>Procedure</u>

The identification, retention, protection, storage, and disposition of the record identified are documented within the Quality Records Table located in each procedure and work instruction, as applicable

Records retained are required to be legible, readily identifiable, and appropriately retrievable

The following are controls in place for quality records;





# 8. Non-Conformity Control and Corrective & Preventive Action System

#### Purpose

To ensure that non-conformities are controlled and corrective / preventive actions are planned and taken to achieve continual improvement in all activities of Raissy QMS.



A non-conformity might be blocking the progress of the works

especially when it is directly linked with the next construction stage and it has to be closed before moving on. This might be catastrophic for the Contractor if we are talking about an activity that is on the critical path.

#### Responsibility

Quality Manager, Projects Manager and Department Heads,

#### **Remedial action:**

The action taken at the time of the incident to mitigate immediate effect

#### **Corrective action:**

The action taken to eliminate the cause of a detected nonconformity or other undesirable situation

#### **Preventive action:**

The action taken to eliminate the cause of potential non conformity or other undesirable potential situation

#### **Continual improvement:**

Re-occurring activity to increase the ability to fulfill requirements

Depending on the Project, there might be quite a lot of administrative work to be done for every NCR. There are many Clients that require an in-depth root cause analysis, documents and forms to completed and objective evidence to be attached for each NCR. It is extremely important that there is a record of what went wrong and what we did (as a Team) in order to correct it, not only to avoid recurrence but also to keep an important record for the as-built/completion packages.



## Our NCR Format

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## 9. Procurement Process & Procedures

Procurement Process is used in this paper to describe the process required to supply equipment, materials and other resources required to carry out a project. This process usually involves sub-processes such as acquisition, purchasing, logistics, monitoring, quality assurance and contract administration.



Currently there is a tendency to manage projects using a fast-track approach in an effort to reduce project schedule. To be able to serve the needs of these projects, the Procurement Process is subject to important pressures to be carried out in the most expedite and fluid possible manner. According to the analysis of interviews and surveys carried out during the study of the Procurement, five aspects can express the relevance of Procurement:

- a) **Schedule pressures**: the need of the project to be operative within the less possible time, avoiding excessive financial costs, minimizing project management costs, and other indirect costs.
- b) **Cooperation and coordination with construction**: by complying with the needs of the construction schedule procurement will act to construct. Improvement of the efficiency for procuring supplies may not only result on great savings for the process itself, but also important savings on other construction resources.
- c) **High relative value**: when the supplies managed by procurement represents 50%, 60%, and up to 70% of the total cost for the project, it is imperious to have a strict and permanent control of the acquisitions, having in mind the financial approach being represented by such situation.
- d) Relevance of the process equipment being supplied for the performance of the project. The equipment can be of such relevance, that the operation of the project depends on its adequate performance.
- e) **Potential criticality of the supplies**: due to precedence relationships and interrelation between different areas of the project.



## 9.1 Expediting Procedure

Expediting is a concept in purchasing department for securing the quality and timely delivery of goods and components.

The procurement department head will make sure that the required goods arrive at the appointed date in the agreed quality at the agreed location.



The contractor is required to meet the delivery schedule agreed upon as documented in the contract or purchase order.

Interface with the end user and the Vendor and perform expediting functions to better deliveries and resolve material discrepancies. Reviews purchase orders for expediting requirements, seeks solutions to technical problems, reviews reports to clarify misunderstandings, monitors client changes, informs superiors of delivery status. Organize and attending meetings with suppliers to resolve issues for better performance also generates monthly vendor performance reports.

#### **Roles & Responsibilities**

- ü Expediting is the facilitation of the timely processing and shipment of material, equipment, and supplies ordered by company for its clients.
- ü The procurement department becomes involved directly after a purchase order is awarded. They also expedite priority request when instructed by management.
- ü The procurement department role ends when the material is physically received and accepted at final destination site according to set procedures.
- ü Ensure timely delivery of equipment, materials and documentation in order to meet critical project milestones
- Ü Liaison with Purchasing, Engineering, Inspection. Accounting & Finance, Warehouse, and Logistics
- ü Act as single point of contact for all delivery related communications
- ü Comment on supplier performance capabilities and ability to meet quoted delivery requirements with all necessary documentation
- ü Maintain healthy, open relationships with the Suppliers.
- Ü Apply the principles of good supply chain management in their dealings with all Suppliers
- ü Monitor / Resolve all Report of Discrepancies, and Overage, Shortage and Damages.
- Ü Initiate contact and maintain contact with the Supplier until final receipt of material at site
- Ü Confirm all material deliveries are achieved in accordance with establish schedules
- Ü Monitor delays and access impact on delivery schedule.





- ü Provide data for input into status reports
- ü Maintain or provide data for all tracking and delivery logs
- Ü Ensure all expediting documentation and communication is included in the procurement file
- ü Update the end user on status of their purchase orders
- Ü Assist the warehouse with shipments without packing lists
- Ü Expedite and coordinate with buyer on air freight for urgent shipment
- Ü Expedite and track material, leased equipment on subcontracts for the end user
- ü Follow-up with supplier on material not delivered on time
- ü Works with warehouse, buyers and suppliers to correct deficiencies, shortages, unacceptable substitutions and other problems
- Ü Provide procurement copies of critical communications

#### 9.2 Supplier Assessment and Selection

Process by which, a supplier of components, products, systems, and/or services can be qualified to supply Raissy Company.

The process starts with the initial assessment of the supplier, which permits Raissy to determine if a new supplier meets the minimum requirements established by Raissy and can be added to the Raissy Supplier List.

#### Supplier Qualification Process





Further there are three (3) important steps to the process;

- ∨ Supplier Assessment
- ∨ Process Assessment
- ∨ *First Delivery assessment.*

All Suppliers being assessed will go through the Supplier Assessment and First Delivery Assessment steps.

#### Supplier Assessment



This is a decision point where we determine whether the new supplier needs to be assessed. Suppliers that have been exempted from the process will not be required to complete the qualification process.

- Ø Determine if the supplier is a onetime supplier with a purchase value of less than 250k Saudi Riyal or an indirect material or indirect service supplier. if so, exit this process.
- $\emptyset$  If not, continue with this process.

#### **Process Assessment**

Evaluate the supplier's process to deliver a component/system/service

- Ø Request a Process Control Plan from Supplier for the deliverable.
- Ø Ask the supplier to develop a Quality File (not required for catalogue items).
- Ø Conduct audit and inspection
- Ø Determine overall rating of the supplier's process and identify potential areas of improvement.

#### First Delivery Assessment

This part of the process is to verify that initial samples and first delivery runs are in compliance with all requirements.

- Ø In cases where samples are required, Raissy Quality/Engineering team is responsible, will provide the Supplier with sample requirements (number of samples, method of packaging, and identification, delivery date, etc...), verify samples according to drawings and requirements and approve samples.
- Ø Raissy Quality/Engineering team is responsible to ensure that the drawings provided are in line with the latest version of products produced, are in a language, and contain international standard norms.
- Ø Raissy Quality/Engineering team is responsible to requests a First Delivery Plan from the Supplier which defines how the Supplier will monitor the first deliveries to avoid non-conforming parts being delivered.
- Ø Raissy Quality/Engineering team is responsible defines the incoming inspection plan for these first deliveries. First deliveries are checked according to plans and any non-conformances are reported to the supplier, Supplier makes the necessary corrections or improvement and re-submits samples or deliveries.



# **10.** Contract Management & Subcontracting

*Raissy* recognize contract management as a lifecycle process. The process does not just commence when a contract has been agreed and needs some form of central repository, but is a continual process from creation to a well managed execution and completion.

Construction is complex and challenging. Delays, changes, disputes, accidents cost more than ever.



Construction contracts are among the most complex forms of contract around because determinations of satisfactory performance of the obligation are difficult to determine.

The success of a project is often judged on the construction performance because this activity is highly visible. The success of a project is also influenced by;

- Ü The accuracy and details of its documentation
- ü The understanding between parties and acceptance of their particular responsibilities
- *ü How professionally and accurately the day to day administration is handled*
- Ü How conflict or contractual problems are resolved

#### **Construction Project Development Phases**

The typical construction project development phase includes;

- Ø Preliminary planning and feasibility studies
- Ø Preliminary engineering and design
- Ø Detailed Engineering design
- Ø Procurement
- Ø Construction
- Ø Demobilization

#### Developing a Contract lifecycle management strategy

As this document has made clear contract management is more than just having a central repository or a simple database for monitoring contract expiry dates. Organizations need to be clear about their current performance, what functionality they require and when, payment methods, integration, justifying the potential investment and how they intend to implement their intended solution (and much more).



# **Subcontracting**

*Raissy* values our working relationships with our Subcontractors and recognizes the importance of timely payment in exchange for their hard work and quality service. Our Subcontractors are responsible for the maintenance of safe working conditions on its job sites and all subcontractors will comply with the project manager, site engineers and other company officials.



We mainly do subcontracting for sufficient manpower availability, equipment and for installation of major equipments. Below listed are the some of our major subcontractors.



#### **Execution of the Subcontract Work**

The Subcontractor shall execute the Subcontract Work in accordance with the Scope of Work to the reasonable satisfaction of the Raissy Project Management.

Where the Subcontractor fails to achieve and maintain reasonable progress in accordance with the Scope of Work within three working days of a written instruction to do so the *Raissy* may amend the extent of the Subcontract work and employ others to perform a portion of the Subcontract work in order that the Scope of Work is maintained.

Raissy may at any time issue an instruction to the Subcontractor regarding the execution of the Subcontract Work and the Subcontractor shall forthwith comply with such instruction. All such instructions shall be in writing, provided that a verbal instruction will be valid if confirmed by the Raissy in writing not later than the close of the second working day after the day on which the verbal instruction was given.

To the end, we have always tried to pay our invoices within 20 days of receipt. In order to accomplish this, yet still have enough time to allow for proper approval and cost accounting.



# 11. Waste Management

#### **Objectives**

The Purpose of this document is to set out the process, by which Raissy Company will manage waste materials. This is to ensure that all waste materials are;

- $\lor$  Reduced, reused and recycled as far as possible
- ✓ Properly categorized for collection, storage, handling, treatment and disposal
- ✓ Traceable from production source through to final disposal.



#### Scope

This procedure applies for the management of all waste generated. This waste management procedure will be the main reference to our company in developing our own specific and detailed waste management procedure.

#### **Responsibilities**

- ✓ The Manger/Heads have the responsibility to see that their respective sites/areas follow the procedure outlined below, and that each employees at those sites/areas, is aware of the procedure and understand the importance of adherence to them.
- ✓ The Manger/Heads, or his delegate(s), on each site is responsible for the waste arising from, or passing through that site. These responsibilities include issuing site specific waste management procedure, monitoring, keeping records and follow-ups.
- ✓ Each discipline supervisor and employee at respective sites should ensure that this section wastes are handled in accordance with this procedure and site specific procedure.

#### Waste Management Process

#### Waste Generation

All practical measures to reduce the generation of waste and to recover valuable resources must be given due consideration by all operations to use of the waste management hierarchy.




#### **Collection / Segregation**

All waste will be collected, segregated where practicable, in suitable good condition bags or containers, on a frequent time scale to avoid unnecessary buildups of waste. Proper handling equipment should be used where necessary. All Hazardous waste containing will be labeled clearly with waste identification label marked clearly in English and Arabic with long life mark pen.

Records of all waste quantities will be maintained by each generation department at all sites and entered into waste generation report.

Any waste that is unidentifiable shall be treated as hazardous and isolated.

#### Storage

Non-hazardous and hazardous wastes shall be stored separately in defined storage areas and where practicable, segregated according to waste type.

Wherever possible, waste will be stored under cover, away from direct sunlight, wind and rain. In the case of non-hazardous waste, requirement can be satisfied by the use of sealed containers or containers that are covered with tarpaulin. Hazardous waste will be stored in bags, containers, tanks or drum. Storage under cover or in larger sealed containers is important to protect the integrity of the containers.

As far as practicable, the storage of waste shall be kept to a minimum. This keeps the storage areas more hygienic and reduces the risk associated with the storage of larger quantities of hazardous waste. Storage areas of wastes, especially for hazardous waste, must be secure, marked clearly to indicate the hazards of stored material and will have suitable facilities for dealing with spillage and firefighting.

Where incompatible material handled on the same site they must be kept separate. Attention should be paid to ensure that "wrong" tanks or containers cannot be filled and that in the case of spills or other foreseeable accidents the risks of contract are minimized.



#### Transportation

Non-hazardous waste, if not disposed of on site or stored for contracted removal, should be sent to the municipality disposal facility.

Consignment notes shall be completed and a detailed record maintained of the type and quantity of waste to be transported. Records of waste transportation will be kept by the waste controller at each site.

For contracted removal of non-hazardous waste, a removal report will be prepared detailing as a minimum, type of waste, quantity, name of client, date of removal and if known, the ultimate destination or use of the waste.

Care will be taken that all waste loads are secure and the transportation vehicles or vessels are not overload.

#### Disposal

**Non-hazardous waste:** Disposal (waste not recycled, disposed of at site or removed by client) is entrusted to the Municipality Disposal Facility

**Hazardous waste:** This includes further segregation, treatment, storage and final disposal of waste in line with good environmental practices before being given to the Municipality.

#### Waste Generation and Management Reporting

To monitor waste management performance, a system of record keeping and management reporting is operated.

#### Waste Generation

Site waste generation reports will be complied and completed by respective site monitoring and reporting.

#### Site Inspection

Safety Officer will undertake periodic waste management site inspection. All sites will be duly inspected with reference to the generation, storage, transportation and disposal of all waste types.

#### Waste Management Reports

After each series of site inspection, a waste management report will be issued by the Safety Officer for Management information, detailing site inspection findings, planned developments and actions.



## **Company Legal Certificates**

#### ISO 9001:2015 Quality Management System





#### ISO 45001:2018- Occupational Health & Safety Management System





## **Commercial Registration Certificate**

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### Central Licensing Unit (CLU) Certificate





### Zakat Certificate





### GOSI Certificate





## **Chamber of Commerce Certificates**

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#### Saudization Certificates





### VAT Certificates





#### Saudi Contractors Authority (SCA)\_Membership Certificate





## Saudi Electricity Company 5 Star Safety Achievement Certificate





## **Testimonials**









## **Contact Us**

Name of Company	:	Raissy Trading & Contracting Co. Ltd
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Fax No.	:	+966 011 208 3183
Email Address (Civil & Electro-Mechani	projects@raissy.com.sa	
(Transmission line)		hgpt@raissy.com.sa
Web Site	:	www.raissy.com.sa
Commercial Registration	:	1010133822 / 1010170686
Issue Place	:	Riyadh
Issue Date	:	18-10-1415 (H) / 04-08-1422 (H)
Classification	:	Civil, Electrical and Mechanical Construction
Field	:	Civil, Electrical and Mechanical
Grade	:	Building III, Electrical III, Mechanical IV

