



P.B. NO: 187119, DUBAI, U.A.E

Contact Person: D. REJU
(Managing Director)

Mob: 00971 569512951

Email:

info@pearlshore.info

reju@pearlshore.info

PEARLSHORE TRADING & CONTRACTING CO.

P.B. NO: 1566

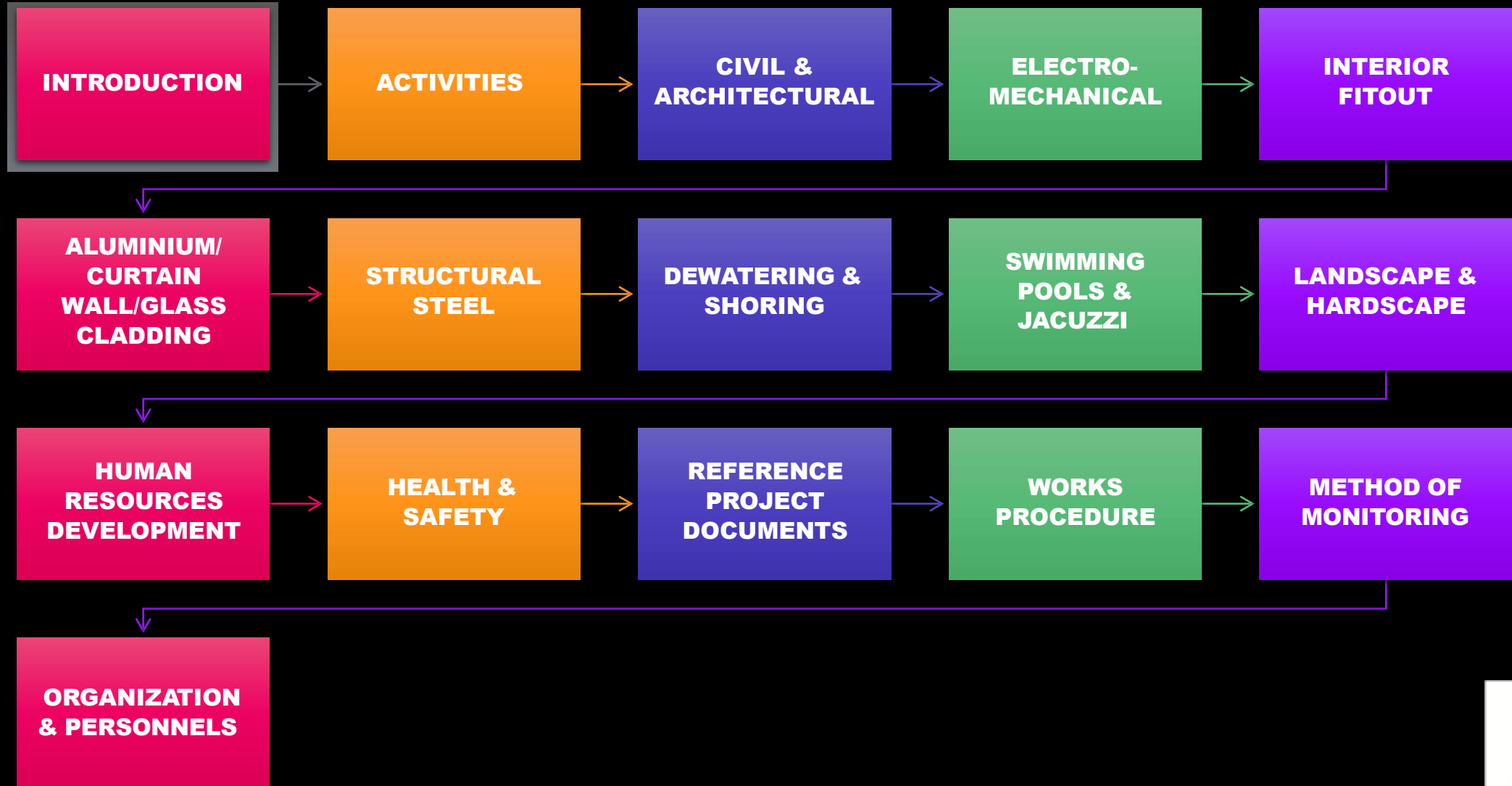
DOHA, QATAR

MOB: 00974 70744833

TEL: 44147407

www.pearlshore.info

INDEX



Message from CEO

We are very proud and happy to extend our sincere gratitude to our valuable customers for their support and trust they keep on us. We mainly concentrate on social infrastructures that include electromechanical, interiors, and networking solutions of all kind. I believe, in future we could extend our business domain to more areas and countries.

All over the world there by becoming world's one of the best company. We never compromise for quality, safety, technology and service to our stakeholders irrespective of their status and background. We also had made active efforts to maintain an echo friendly working procedure thereby assuring safety and security for both society and our workers. One of the major milestones for

Pearlshore's amazing achievements is Pearlshore family members itself. They are valuable assets who are very skillful and efficient in handling any situation with professional touch. Our growth and power depends on them. Together with our customers and our own team, we spirit and co will continue to use our experience, technology and creativity to build a better future and society where we work. We always encourage and train our people to work with team operation to drive our self to be the best in our filed with world-class standards. We once again thank our customers who extended their confidence and trust on us that made us grow and develop to where we are now and expecting the same in coming years.....



Introduction

PEARLSHORE company started its operations 15 years ago and has ever since been developing at a very rapid pace.

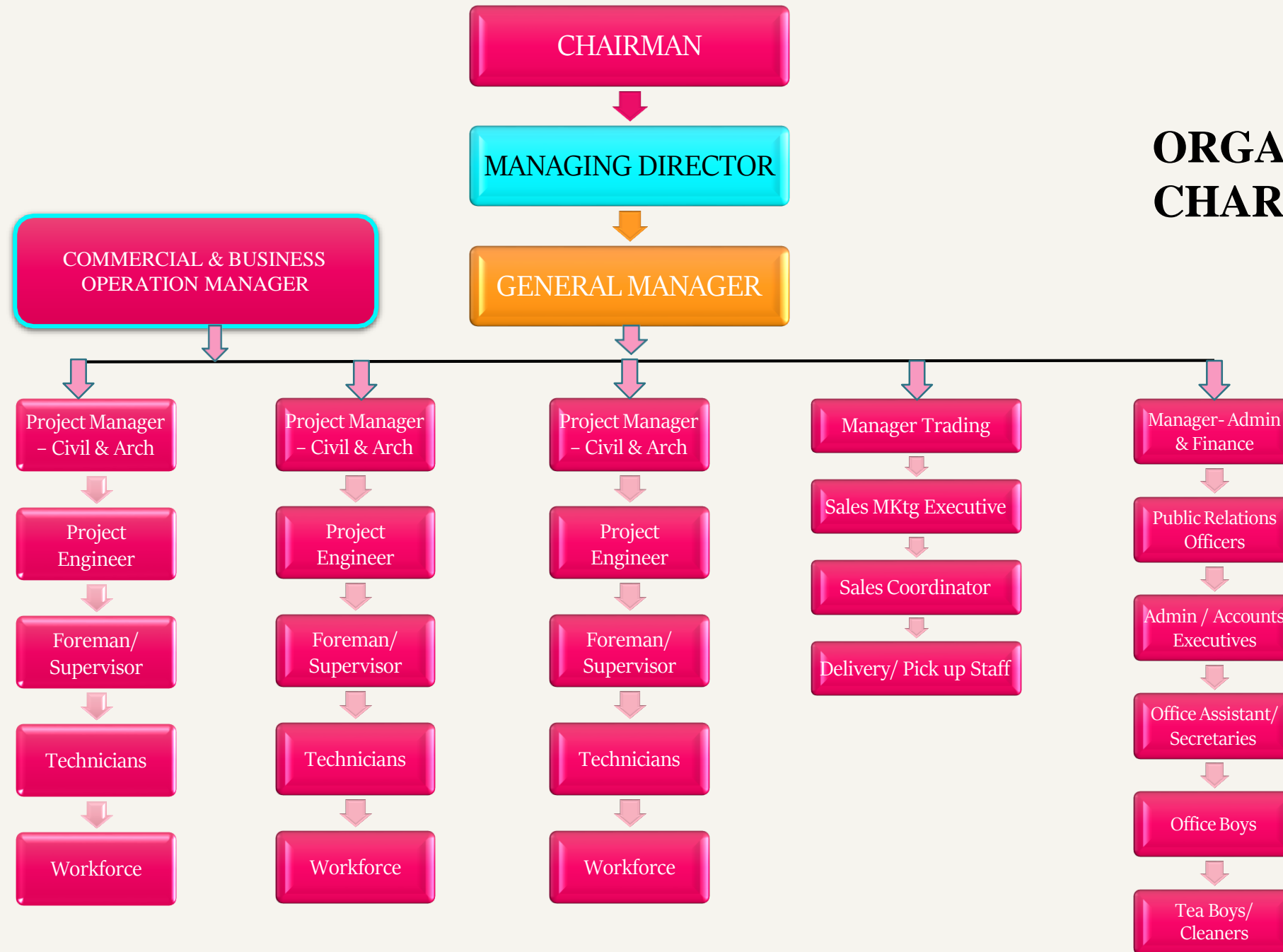
PEARLSHORE is mainly focused in the following fields:

- ❑ **CIVIL & ARCHITECTURAL**
- ❑ **STRUCTURAL STEEL FABRICATION**
- ❑ **DEWATERING & SHORING**
- ❑ **STRUCTURAL GLAZING (CURTAIN WALL)**
- ❑ **ALUMINIUM COMPOSITE PANEL CLADDING**
- ❑ **ELECTRO-MECHANICAL WORKS**
- ❑ **INTERIOR FITOUT**
- ❑ **SWIMMING POOLS & JACUZZI**
- ❑ **LANDSCAPE AND HARDSCAPE**

With excellence in services, the organization has developed associations with experts in various fields knowing well that steady supply of Quality Products & Services at competitive prices and at the right time is of prime importance always. Hence within a short span of time PEARLSHORE has developed associations with organizations from Middle East and India. With a dedicated team of professionals, the organization is always willing to provide its valuable clients immediate, high quality and efficient services.



ORGANIZATIONAL CHART



ACTIVITIES



CIVIL & ARCHITECTURAL

PEARLSHORE provides turn-key contracting for commercial and residential buildings including their interior designs. Interior works for showrooms, Swimming Pools, Offices and studios with 3D views, supervision and maintenance are our specialty.

At **PEARLSHORE** we provide:

- A clear understanding of your requirements and taste.
- An innovative team of architects, supervisors and experienced professionals with a full on commitment to their duty.
- A constant review, improvement and implementation of innovative, tasteful and cost-effective designs.
- An assurance of quality .





REDCO 90 VILLAS



**VILLA D'ESTE COMPOUND
FBJ 40 VILLA WORK**



**CAMP HOUSE FOR SENIOR
STAFF**



AL SEAL 104 VILLAS

CIVIL PROJECT

PROJECTS EXECUTED IN UAE

38 UNITS CONSTRUCTION OF G+1 STOREYED TOWN HOUSE – PARADISE HILLS VILLAS @ DUBAI GOLF CITY

Client : Paradise Hills

Developer : SMRF Ltd

Main Contractor : Hesper General Contracting LLC

Scope of Work :

Supply and Installation of 38 Units – Proposed G+1 Storied Town House – Paradise Hills Villas with Swimming Pools (Turn key)

- **Structural Works** - Supply and Installation of Villa, Construction for Structural RCC Works
- **Architectural Works** – Supply and Installation of block works, plastering and thermal installation.
- **ID Works** – Supply and Installation of Villa finishes such as Tiling works, Marble cladding, Granite and kitchen tops, Gypsum walls, ceiling and Painting Works.
- **Landscaping** - Swimming Pool Construction, Hard and soft Landscaping works.
- **MEP Works** – Installation of cable, DB's and sub- DB's, outlets and points for lightings fixtures, heaters, and for kitchen equipment etc. Complete works of Plumbing and Drainage.



AL MAHA RESTAURANT @ DHPQ, DUBAI

Client : Dubai Police, Central Jail

Scope of Work :

- **Structural Works** - Supply and Installation of RCC works for underground LPG Tanker Works.
- Asphalt works – Demolition for existing Asphalt, Asphalt Reinstatement works
- MEP Works – LPG Pipeline works (Excavation for LPG Pipeline, 20cm Double washed Dune sand, laying LPG pipeline, 30cm Double washed Dune sand and backfilling of excavated sand.
- Electrical Works – Excavation for Armored Cable line, 20cm Double washed Dune sand, laying Armored cable, 30cm Double washed Dune sand and backfilling of excavated sand.

AL AIN JUNIORS NURSERY (AJ GROUP, AL AIN)

Client : AJ Group Al Ain

Scope of Work :

- **Renovation Works** – Structural renovation works, block works, plastering, False Ceiling works, Aluminum and Glass partition works, Gypsum board partition works, GRC works, Rubber flooring (20mm thick) and Rubber wall cladding (40mm thick), steel structural roof repairing works, Clay Roof Tile, Kid's playground with synthetic cycling track and artificial grass laying works, external & internal painting, furniture works and Doors repairing with painting works.

PALM JUMEIRAH 'O' FOND, VILLA 34 & 36: SWIMMING POOL, JACUZZI, SUNKEN BAR, WATER FALLS AND LANDSCAPE WORKS

Scope of Work :

- **Structural Works** - Supply and Installation of Uniting Concrete for Swimming Pool, Jacuzzi, Sunken bar, and Pump room. RCC works for Hard scape works.
- **Architectural Works** – Supply and Installation of block works, Swimming Pool Ceramic tiles, Copying stone and Decking works, Wooden Pergola.

CONSTRUCTION OF CLINIC & SPORTS FACILITY BUILDING, SKYLINE UNIVERSITY, SHARJAH.

Scope of Work :

- **Structural Works** - Supply and Installation of Office Building, Construction for Structural RCC Works and Structural Steel Roofing.
- **Architectural Works** – Supply and Installation of block works, plastering and thermal installation.
- **ID Works** – Supply and Installation of Office Building finishes such as Ceramic Tiling works, Supply and Installation of Curtain Wall (100 Glass with (6 mm Ref Glass TP+12 mm ASP+6 mm Clear TP) & Supporting mullion of 10.50 cm x 50 cm Aluminum section, Supply and Installation of ACP cladding Fire Rated) with rock wool installation False Ceiling and Painting works.
- **Landscaping** -Hard and soft Landscaping works.
- **Electrical Works** – Installation of cable, DB's and sub- DB's, outlets and points for lightings fixtures, heaters, and for Pantry equipment etc.
- **Plumbing & Drainage Works** –Supply and Installation of Plumbing works with Sanitary Fittings. Complete works for Drainage and Water line works with Septic Tank Construction.

RENOVATION WORKS OF LULU HYPERMARKET AT DUBAI FESTIVAL CITY

Scope of Work :

- **Structural Works** - Supply and Installation of Steel Fabrication works, Slab demolition works and Concrete works
- **Architectural Works** – Supply and Installation of Block works, plastering and thermal installation.

G+1 VILLA, CAR PARK, SERVICE BLOCK: : ABDULLA NABILAHMAD FALAKNAZ VILLA, AL BARSHA 1

Scope of Work :

- **Structural Works** - Supply and Installation of Villa, Construction for Structural RCC Works and Structural Steel Roofing & installation for clay tiles.
- **Architectural Works** – Supply and Installation of block works, plastering and thermal installation.



LANDSCAPE AND HARD LANDSCAPE WORKS:

Supply and installation of complete Irrigation System, electrical works, drainage works, Construction of Barbeques, Water Features, Concrete planter Boxes, and Plants .

EMIRATES HILLS, V1, VILLA 10: SOFT LANDSCAPING REINSTATEMENT INCLUDING SWIMMING POOL RENOVATION WORKS

Scope of Work :

Demolition of existing Pool Ceramic tiles, Glue, Crack repairing, Waterproofing, Pressure test for Piping works, Supply and installation of Pool Glass Mosaic tiles, Copying Stone, Decking wooden flooring. Replacement of existing Plants, Trees and Paving and Supply & Installation of new Plants like Palm Tree, Fix new poly pipes for new Plants and new paving tiles.

MEADOWS 9, VILLA 40: SOFT LANDSCAPING INCLUDING SWIMMING POOL, JACUZZI, SUNKEN BAR WORKS

Scope of Work :

- **Landscaping** - Swimming Pool Construction, Jacuzzi, Sunken Bar, Water Features, supply and apply for new Plants and Trees with irrigation system and Electrical works.

G+1 VILLA: AHMAD ABDULLA IBRAHIM ALBALOUSHI VILLA, ALAVIR-1

Scope of Work :

- **Structural Works** - Supply and Installation of Villa, Construction for Structural RCC Works and Structural Steel Roofing & installation for clay tiles.
- **Architectural Works** – Supply and Installation of block works, plastering and thermal installation.

G+1 VILLA, CAR PARK, SERVICE BLOCK: : ABDULLA NABILAHMAD FALAKNAZ VILLA, AL BARSHA 1

Scope of Work :

- **Structural Works** - Supply and Installation of Villa, Construction for Structural RCC Works and Structural Steel Roofing & installation for clay tiles.
- **Architectural Works** – Supply and Installation of block works, plastering and thermal installation.



LAST EXIT JABELALI WITH BLUE STONE CONT, ENGINEERING OFFICE

Scope of Work : Full Construction for Restaurant with Kitchen (Foundation, Sub Structure, Super Structure, Block work, Plastering and Ceramic Tiles) Interlock paving with Kerb Stone for parking area.

CONSTRUCTION OF RADIOLOGY SECTION COLLEGE OF SHEIKHA FATHIMA NURSING COLLEGE, MAFRAQ, ABU DHABI

Scope of Work :

Full Construction for Radiology section, Security Room, Internal wall partitions with Sound proof and 3 mm Lead sheet, Comprising solid fire rated door lead with approved laminate finish to match existing and including all necessary item, complete Electrical, Plumbing with Drainage and Firefighting works.

CONSTRUCTION OF RADIOLOGY SECTION COLLEGE OF SHEIKHA FATHIMA NURSING COLLEGE, ALTAWAM, ALAIN

Scope of Work :

Full Construction for Radiology section, Security Room, Internal wall partitions with Sound proof and 3 mm Lead sheet, Comprising solid fire rated door lead with approved laminate finish to match existing and including all necessary item, complete Electrical, Plumbing with Drainage and Firefighting works.

CONSTRUCTION OF VILLA EXTENSION FIRST FLOOR AND GROUND FLOOR AT JUMEIRAH VILLAGE TRIANGLE, VILLA NO .03

Scope of Work :

- **Structural Works** - Supply and Installation of Villa, Construction for Structural RCC Works and Structural Steel Roofing & installation for clay tiles.
- **Architectural Works** – Supply and Installation of block works, plastering and thermal installation.
- **ID Works** – Supply and Installation of Villa finishes such as Tiling works, Marble cladding, Granite and kitchen tops, Gypsum walls, ceiling, metal mashrabiya and Painting Works.
- **Landscaping** - Swimming Pool Construction, Hard and soft Landscaping works.
- **MEP Works** – Installation of cable, DB's and sub- DB's, outlets and points for lightings fixtures, heaters, and for kitchen equipment etc. Complete works of Plumbing and Drainage.

OCCIDENTAL HOTEL RENOVATION AT AL KHAN, SHARJAH

Scope of Work :

External hard scape Demolition and Renovation, RCC Foundation of Chiller units, Interior fit outs, such as tiling works wall paintings and ceiling works. MEP works. Full repairing of Swimming pool including piping with Mechanical works. Hard and soft Landscaping works.



PROMANADE PAVING REPLACEMENT EARTH WORKS AND GRANITE WORKS, DUBAI MALL, SHAPOORJI PALLONJI MIDDLEEAST LLC.

Scope of Work : Replacement of existing Paving and Supply & Installation for Granite Stone with Electrical works. (6,500 M2)

SANTUARY FALLS, 16 VILLAS, JUMEIRAH GOLF ESTATE, DUBAI

Scope of Work :

- **Structural Works** - Supply and Installation of Villa, Construction for Structural RCC Works and Structural Steel Roofing & installation for clay tiles.
- **Architectural Works** – Supply and Installation of block works, plastering and thermal installation.
- **ID Works** – Supply and Installation of Villa finishes such as Tiling works, Marble cladding, Granite and kitchen tops Gypsum walls, ceiling, metal mashrabiya and Painting Works.
- **Landscaping** - Swimming Pool Construction, Hard and soft Landscaping works.
- **MEP Works** – Installation of cable, DB's and sub- DB's, outlets and points for lightings fixtures, heaters and for kitchen equipment etc. Complete works of Plumbing and Drainage.

EMMAR, PALMA VILLA COMPOUND, ARABIAN RANCHES II

PACK 7 PA 06 WITH ARCO CONT

Scope of Work : Installation for Interlock Paving with Kerb Stone works for full Villa compound in Arabian Ranges II Package 7 PA06 (4,500 M2)

JUMEIRAH PARK INFRASTRUCTURE PACKAGE 8 & 2A, ARCO CONT

Scope of Work : Installation for Interlock Paving with Kerb Stone Works for Jumeirah Park Infrastructure Project Package 8 & 2A (7,2 M2)

AL FARJAN VILLA, GHANTOOT ROAD CONT

Scope of Work : Supply & Installation for Interlock Paving with Kerb Stone Works for Al Farjan Villa Complex(9,000M2)



CIVIL PROJECT EXECUTED

DOHA - QATAR FESTIVAL CITY WITH AL FUTTAIM - IKEA

Scope of Work :

- Supply of all kinds of building materials and fabrication materials
- Interior Finishing works e.g. Demountable
- Partition with Painting (Show Room)

BARWA COMMERCIAL AVENUE WITH HOTCHIEF - QATAR

Scope of Work : Block works and Wall Plastering

44 TOWER IN DAFNA WITH STRABAG - QATAR

Scope of Work : Block works & Plastering Supply of Building Materials

PEARL QATAR WITH ARABIAN CONT. CO. - QATAR

Scope of work : Block works & Plastering & Manpower supply

RAS LAFFAN WITH INTERTECTRA - QATAR

Scope of work : Waterproofing works

AL SAHARA & AL NOOR IN DAFNA WITH PCSI GLOBAL - QATAR

Scope of work : Block Works, Plastering & Supply of Building Materials

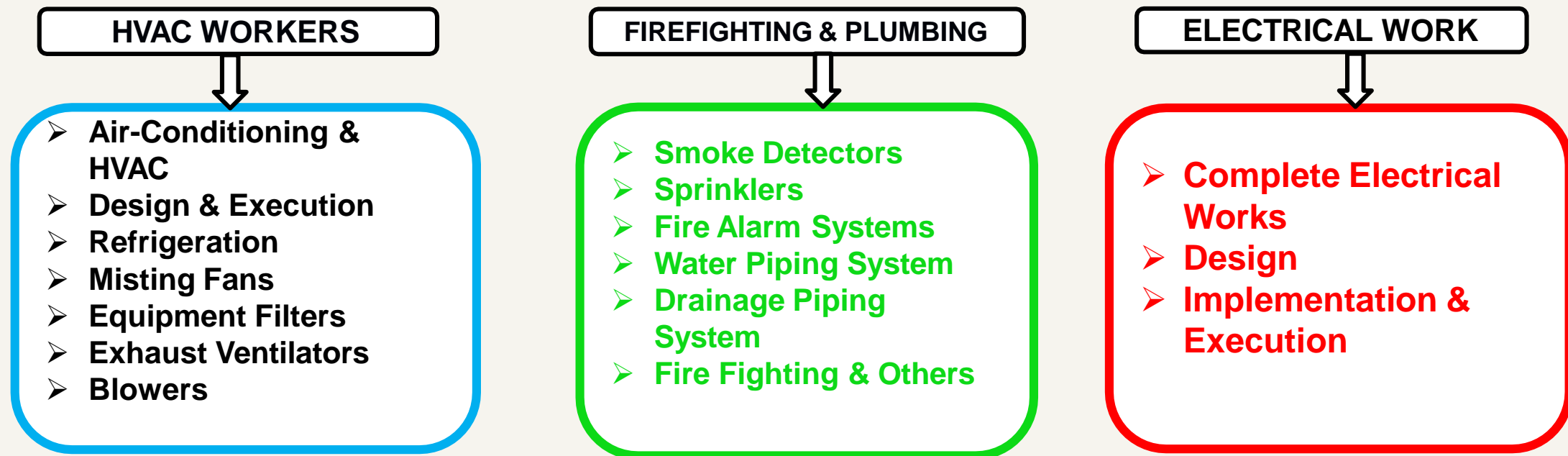




ELECTRO MECHANICAL

PEARLSHORE undertakes all types of Electromechanical projects directly from the client and also in association with other prime contractors and major International Companies.

PEARLSHORE has developed teams to install hi-tech electromechanical work equipment with a permanent force of Engineers, Technicians, Riggers, Skilled and semi-skilled Labors. The division is fully equipped to execute jobs on turnkey basis



ELECTRO MECHANICAL PROJECTS EXECUTED QATAR

CITY CENTRE EXPANSION PROJECT WITH ADHIKARYA

Scope of Work : GI Conduit, Wiring, Switch Fixing & Duct Insulation Works

Duration : Fourteen [14] months

44 TOWER IN DAFNA WITH E.R.E

Scope of Work : Fire Fighting pipe works & Electrical Works

Duration : Ten [10] months

PEARL QATAR WITH AFCO

Scope of Work : GI Conduit, Wire pulling, Electrical Room, Plumbing & Air Conditioner works

Duration : Sixteen [16] months

QDVC CAR PARK IN LUSAIL MARINE DISTRICT

Scope of work : Cable and GI Trunking, Cable pulling & Plumbing Works

Duration : Twelve [12] Months

NDIA : SKYORYX, MUHIBA, CAT INTL & ADCC

Scope of work : Air Conditioner Works

AL SEAL CONTRACTING : 104 VILLAS AT QATAR PETROLIUM

Scope of work : Full Wiring and Electrical fittings & DB dressing



PAVING & STEEL FABRICATION



**LANDSCAPE
& HARDSCAPE**



**RECTANGULAR SKYLIGH
T G-MALL**



JUMEIRAH PARK



REGENCY MALL



SANCTURY FALLS VILLA

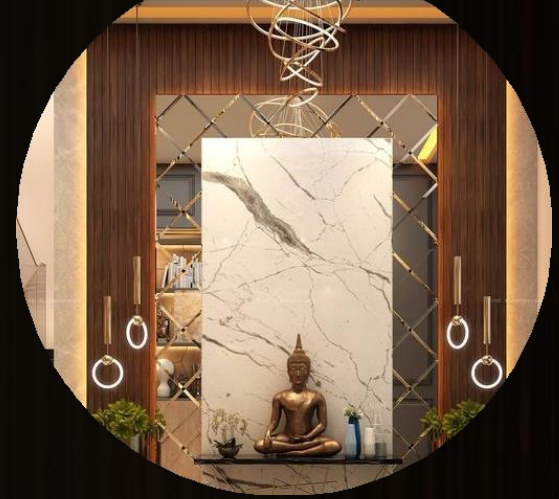
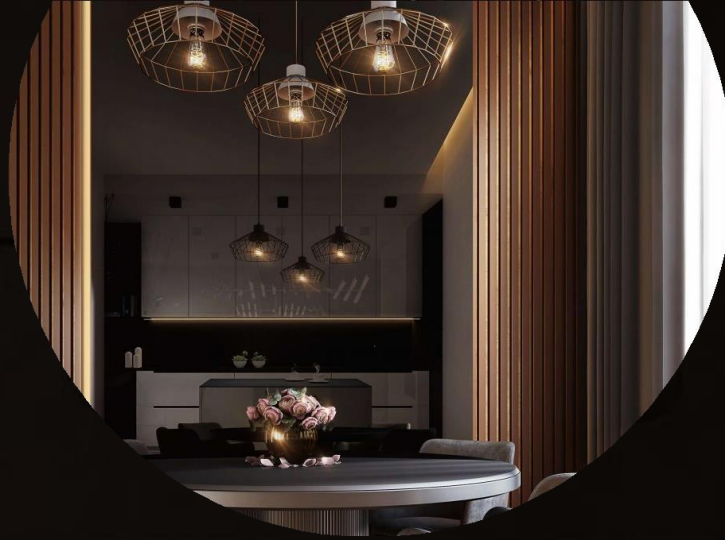


**OVAL SKYLIGHT
G-MALL**

VILLA & MALL PROJECTS



INTERIOR WORKS



INTERIOR WORKS

PEARLSHORE has its own in-house design and interior decoration division comprises of highly motivated and creative team that caters to the various requirements of clients.

□ **OFFICES**

Ø **HOTELS**

Ø **STUDIOS**

□ **SWIMMING POOLS**

□ **SHOWROOMS**

Ø **APARTMENTS**

Ø **COMMERCIAL**





INTERIOR WORKS QATAR

INTERIOR WORK PROJECTS

INTERCONTINENTAL DOHA
THE CITY



INTERIOR WORK PROJECTS

AL EMADI HOTEL APARTMENT





INTERIOR WORK PROJECTS

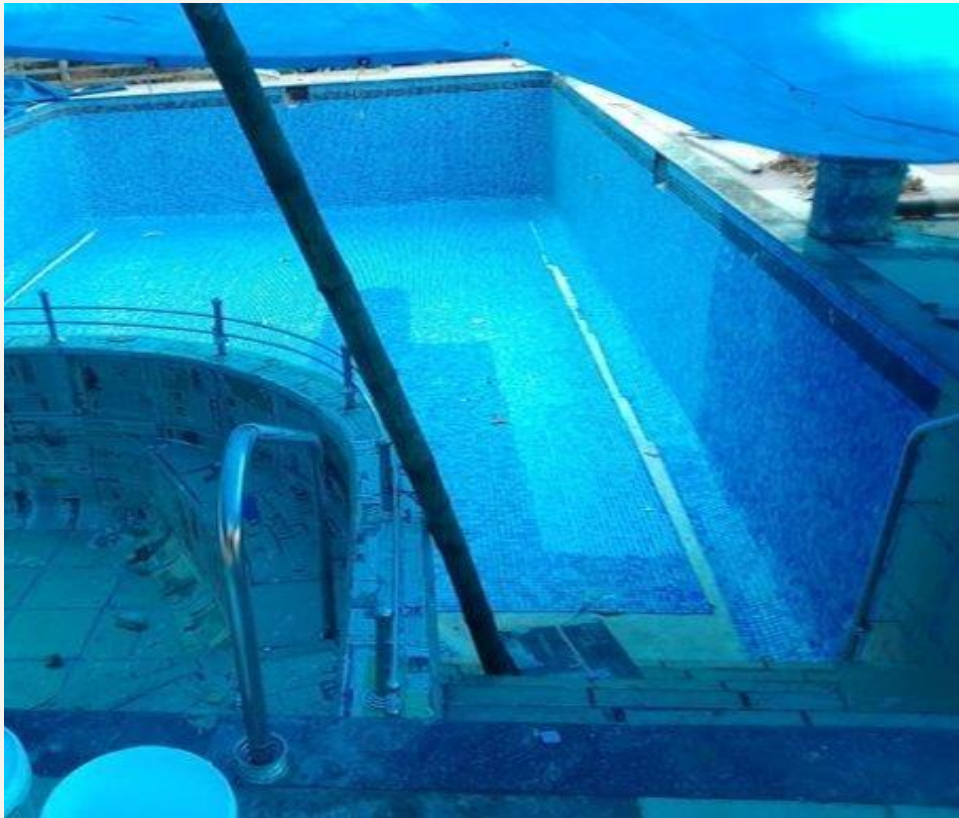
AL EMADI HOTEL APARTMENT

INTERIOR WORK PROJECTS

**INFINITY POOL AND SKIMMER
POOL WITH JACUZZI**



Swimming Pool & Water Bodies



Infinity edge pool



Swimming Pool under construction

Swimming Pool & Water Bodies



Sports or club swimming
pool



Overflow channel



Infinity pool

INTERIOR WORK PROJECTS IN QATAR

BARWA COMMERCIAL AVANUE WITH HOTCHIEF

- **Scope of Work** : Painting & Marble Flooring
- **Duration** : Twelve [12] months

44 TOWER IN DAFNA WITH STRABAG

- **Scope of Work** : Gypsum Ceiling, Gypsum Partition, Painting, Manpower supply & Building Materials Supply
- **Duration** : Ten [10] months

SHERATON DOHA RESORT & CONVENTION HOTEL, DOHA, QATAR

- **Scope of Work** : Room Furnishing(94 Suites), Interior Works and Fully Furnishing with Electronics
- **Duration** : Sixteen [05] months

PEARL QATAR WITH ARABIAN CONT CO.

- **Scope of work** : Flooring, Painting & Manpower supply
- **Duration** : Seven [7] Months



INTERIOR WORK PROJECTS IN QATAR

INTERCONTINENTAL DOHA THE CITY, DOHA QATAR

- **Scope of work** : 36 Room Furnishing. Fully Furnishing with Electronics.
- **Duration** : Nine [03] Months

QDVC CAR PARK IN LUSAIL MARINE DISTRICT

- **Scope of Work** : Gypsum Board Ceiling & Drywall Partitions, Corridor Granite fixing
- **Duration** : Fifteen [15] months

AL EMADI HOTEL APARTMENT

- **Scope of work** : 94 Rooms Furnishing , Studio Apartment Furnishing including Electronics.
- **Duration** : Seven [07] Months





GLASS WORK



GLASS WORK

We Specialize in

- **Glass pre – processing**
- ***Cutting***
- ***Polishing***
- ***Beveling***
- ***Tempering***
- ***Double Glazing***
- ***Sand Blasting***
- **Toughened Safety Glass**
- **Laminated Glasses**
- **Frameless Glass partition**
- **Shops Fronts and Office partitions**
- **Automatic frameless glass Door**
- **Manual glass sliding door (manet & gmt sliding system)**
- **Hinged & Swing Doors (Frame Less)**
- **Sliding Doors & Windows (Single or Double Glazed Frame Less)**
- **Spider Systems & Folding Systems**
- **Mirrors**
- **Antic mirror**
- **Painted Glass**
- **Foged Glass (frosted glass)**
- **Curved glass, Shower Screens**
- **Sky Lights in Glass**
- **Glass Repairing or Replacement**
- **Glass balustrade work Glass Work Maintenance Display glass box (UV joint)**
- **Printed glass**



GLASS WORK



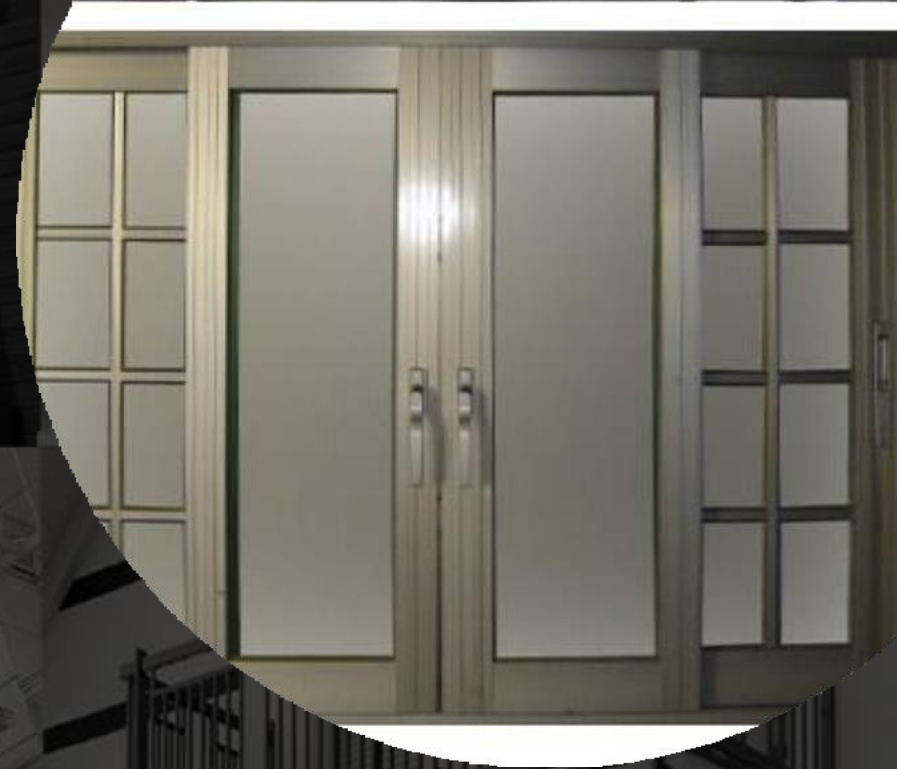


ALUMINIUM WORKS



ALUMINIUM WORKS

- Aluminum Hinged door(single & double)
- Sliding door (manual & automatic)
- Aluminum swing door
- Aluminum fixed window Structure glazing (curtain wall)
- Aluminum fixed windows
- Aluminum composite panel cladding
- Aluminum pergola
- Aluminum works repairing and replacement
- Louver Fixed Works
- Aluminum shop front and office partition
- Aluminum canopy work
- Aluminum automatic sliding door
- Aluminum manual sliding door
- Aluminum folding door
- Aluminum openable window Staircase
- Aluminum maintenance work
- Aluminum louvered door (dewa standard)
- Aluminum sliding window
- Aluminum fly Mesh



STEEL WORKS

STEEL WORKS



Structural steel fabrication



Curtain Wall & ACP Cladding



Mezzanine floor



Ware house structures Steel Hand rails



Steel Fencing Steel Bollards

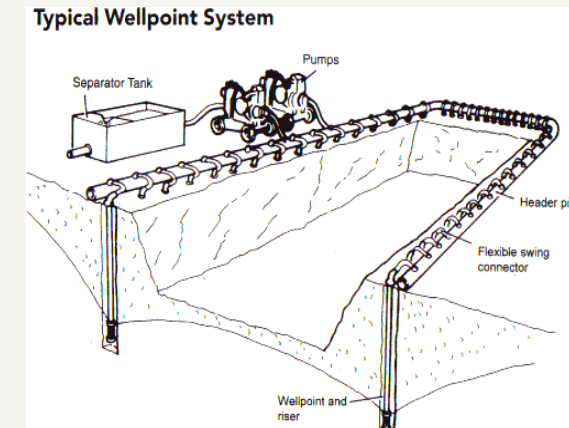


STEEL WORKS

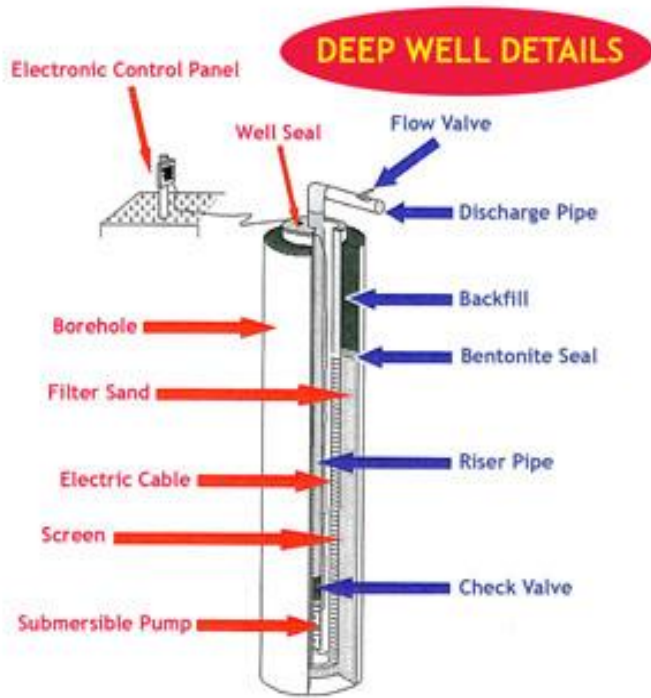
DEWATERING SOLUTION

- PEARLSHORE is capable to design, execute, maintain and monitor any type of dewatering, pumping, testing requirements with the highest standards of service.
- Wellpoint systems are very effective in a wide range of soils from fine silty sand to coarse gravels, single stage Wellpoint systems are used to a maximum depth of 4.0 metres, depending on ground conditions and initial groundwater level.
- Sub-ground Dewatering or Wellpointing as it is often called is a method of controlling or lowering the level of groundwater within an aquifer.
- When Contractors are faced with having to excavate below the existing groundwater level into the aquifer the simplest and most cost effective method would be to deploy a Wellpoint system.

WELLPOINT SYSTEM



DEEPWELL SYSTEM

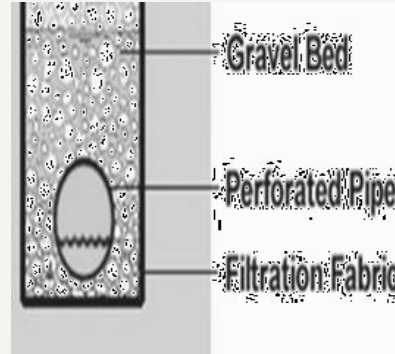


Greater excavation depths or drawdown levels and the ability to overcome the limited suction lift of well points can be made by the installation of Deep well Dewatering System. Deep wells are also advantageous where there is limited space to install well points close to an excavation, as Deep Wells can be located at a distance to generate required drawdown. Design of Deep well Dewatering System is more complex than for Well point schemes. Principally, because of the remote locations, Deep wells rely on the interaction of individual drawdown profiles, to produce the desired total drawdown. Typically, the spacing of Deep Wells is between 10m to 50m. The terminal depth of a Deep well is dependent on the required individual well yield and the drawdown profile. This in turn is a function of soil permeability and characteristics, target drawdowns and spatial parameters.



FRENCH DRAIN SYSTEM:

- To control any surface water or seepage of water between hard impermeable strata, French Drain system proves very efficient.
- French Drain System involves extracting water through hard strata or draining surface water. The extraction of groundwater can take place by gravity.
- In case of formations with low permeability we advice to refill the drain trench with gravel. As a result the flow of groundwater to the drains will be improved.



SUMP PUMPING SYSTEM

- Sump Pumping is considered as the simplest way of Dewatering System.
- Generally, in dewatering works we are using sump pump to remove the water accumulated in a certain part of the plot excavation.
- The groundwater is allowed to seep into the excavation, and then collected in sumps and pumped away to the nearest discharge point for disposal.
- This method can be very effective and economic in well-graded coarse soils (such as gravelly sands, sandy gravels and coarse gravels) or in hard fissured rock.
- However, in unfavourable ground conditions sump pumping can lead to major problems. Instability can occur in fine-grained soils such as silts and fine sands where fine particles are drawn out of the soil, resulting in ground movements and settlements.
- In this case further study and analysis required for a better dewatering design system to be applied.



DETAILS OF SHORING ACTIVITIES

A.EXCAVATION RETAINING SYSTEM

PEARLSHORE has the resources and the capabilities to design scheme specific stage by stage & Method statement and install all excavation shoring systems to facilitate excavation up to desired depth using the following Technique of shoring.

1. Diaphragm Wall
2. Contiguous Pile
3. Secant Pile
4. Sheet Pile
5. Soldier Pile
6. Bored Pile
7. Continuous Flight Auger Pile (CFA)

B.CAST-IN-SITU-PILE

1. Bored Pile (varies from 500mm to 2500mm dia for a depth up to
2. Continuous Flight Auger Pile (pile dia varies from 4500mm to 1200mm for a depth up to 36m)
3. Micro pile (pile diameter varies from 100mm to 350mm for length up to 35m)

C. GROUND IMPROVEMENT

1. Stone Column Technique
2. Rigid Inclusion Column
3. Dynamic Compaction Technique
4. Vibro Compaction Technique
5. RIC (Rapid Compaction) Technique
6. Soil compaction
7. Soil Injection

D. DEWATERING

1. Deep Well/Well Points

E. ANCHORAGE

1. Ground Anchor

B. BRIEF DESCRIPTION

A. EXCAVATION RETAINING SYSTEM

1. Diaphragm Wall

- A concrete diaphragm wall is formed by series of concrete reinforced panel with usually 3000mm width and a thickness ranging between 600 and 1200mm.
- A guide wall is usually constructed to hold the cage and guide the excavation operation.
- Diaphragm walls in general may be constructed as temporary shoring structures or as permanent part of the otherwise adjacent structure.
- It may be designed to be part of the structure and withstand vertical loadings .the excavation can be done using either Hydraulic or mechanical grab or hydro-mill cutter tools .Drilling operation are usually carried out under fluid support.



SHORING ACTIVITIES

2. Contiguous Pile

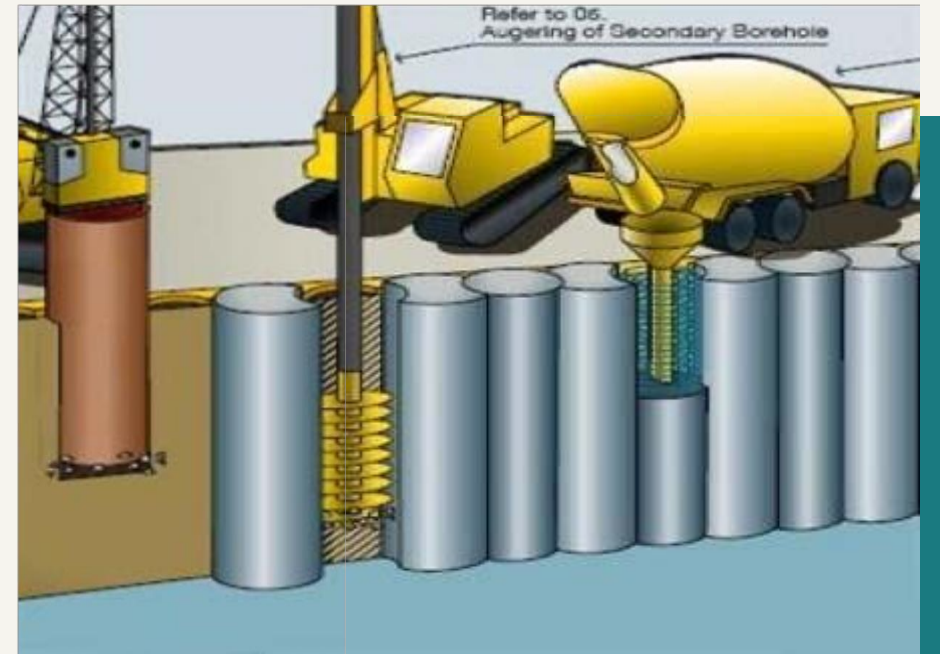
Closely spaced bored piles or CFA full auger piles can be used to form a retaining wall, perhaps for the construction of a deep basement or a cut and cover tunnel. The piles may be constructed so that they virtually touch each other with minimum gap (contiguous).



SHORING ACTIVITIES

3. Secant Pile

Every other pile may be constructed, with their centers less than two diameters apart. In fill piles are then bored, cutting into the adjacent piles to form a continuous structure. To aid construction, the first set of piles may be cast with a lower grade of concrete. These may not be load-bearing and act as “SEALS” between the main load bearing piles.



SHORING ACTIVITIES



4. Sheet Pile

Sheet pile walls are constructed by driving steel sheets into a slope or excavation. Their most common use is within temporary deep excavations. They are considered to be most economical where retention of higher earth pressure of soft soil is required. An important advantage is that they can be driven in depths below the excavation bottom and so provide a control to heaving in soft clays or piping in saturated sand. Sheet piles are more costly and less adaptable to hard driving conditions particularly where boulders or irregular rock surfaces occur

SHORING ACTIVITIES

5. Soldier Pile

Constructed using wide flange of steel H sections spaced about 2 m apart and are driven prior to excavation. It consists of multiple piles spaced apart from each other to support a change of elevation. The piles are usually H beams installed in drilled shaft. Timber lagging or precast concrete panel is then installed between the H beams to restrain the soil between the piles. Deeper excavations may require tiebacks to be installed at the piles for additional support.

Soldier pile shoring is very versatile because the size of the piles and the spacing between them can be adjusted to site soil condition. In many cases, this is the most economical method of shoring.



6. Bored Pile

Another type of reinforcement concrete pile which is used to support high building which has heavy vertical load. Bored pile is a cast-in-place concrete pile where the bored piles have to be casted in the construction site. Machine used for this pile method is a bored piling machine which has specially designed drilling tools, bucket, which can drill into 50 meters depth of soil.

Bored piling is best for tall buildings or massive industrial complexes, which requires foundations which can bear the load of thousands of tons. Bored pile drilling method has little vibration and lower noise level.



SHORING ACTIVITIES

7. Continuous Flight Auger Pile (CFA)

CFA Piles are formed by drilling a continuous flight auger into the ground. The sides of the hole are supported at all times by the soil filled auger, eliminating the need for temporary casing or bentonite slurry. Upon reaching the required depth, sand element grout or concrete is pumped down the hollow stem as the auger is steadily withdrawn. Reinforcement is placed immediately after withdrawal of the auger.

There are numerous benefits to this approach, including immediate replacement, zero subsidence, lack of free water within the shaft, computer monitoring of depth and concrete placement and no Need for casing/slurry.



MANAGEMENT

**HUMAN
RESOURCES
DEVELOPMENT**

WORK SAFETY



HEALTH & SAFETY

- Employee's safety is the constant concern of this company. Every precaution is been taken to provide a safe workplace. Safety Manager / Safety Officer makes regular inspections and holds regular safety meetings. He also meets with management to plan and implement further improvements in our safety program. Common sense and personal interest in safety are still the greatest guarantees of employee's safety at work, on the road, and at home. We take our employee's safety seriously and any willful or habitual violation of safety rules will be considered as cause for dismissal.
- **PEARLSHORE** is sincerely concerned for the health and well-being of each member of the team. The cooperation of every employee is necessary to make this company a safe place to work. Each employee must help himself and others by reporting unsafe conditions or hazards immediately to his supervisor or to a member of the safety committee. Each employee must give earnest consideration to the rules of safety presented to him by poster signs, discussions with his supervisor & posted department rules.

REFERENCE PROJECT DOCUMENTS

The reference documents for the works shall be properly kept at the Site office & controlled.
The reference documents may include the following documents.

- 1.Contract (includes Tender Form)
- 2.General Condition of Contract.
- 3.Employer's Requirements.
- 4.Outline Specification
- 5.Statutory requirements & regulations.
- 6.Other documents/drawing approved/agreed before the contract award.



WORKS PROCEDURE

The following content of this section outlines the methodology for the work of the conveying systems. The intention is to provide an overview of how the work shall proceed on preparation of shop drawings, applying and inspections. General Sequence of flow-charts will be there for Execution of the works.



METHOD OF MONITORING

The works items shall be monitored/measured on each work progress reported to the Employer. The work items, weighing of work items & its format shall be defined separately. Progress of work is checked & recorded and report shall be submitted to the Employer. The actual Progress of work shall be charted against the proposed program to ensure progress.

EQUIPMENTS & MACHINERY

Plant and Machinery such as Forklift, Welding Machine, Drilling Machine, Cut off Machine, Grinder, Chain blocks, Special Torque wrench etc. shall be registered and maintained in good manner. The detailed items, its identification and checklist shall be prepared and recorded.



Organizational Overview

- Our experienced manpower with incredible field experience is specialized to cope with any situation at site.
- Ranging from Managing director to cleaner we do have a well-defined and disciplined family who are efficient and professional in their own fields. Employee's safety is a constant concern of our company. Every precaution is been taken to provide a safe workplace. Safety Manager / Safety Officer make regular inspections and holds regular safety meetings. He also meets with management to plan and implement further improvements in our safety program.
- *We take pride in our employee's health & safety, site safety and environmental safety and machinery safety very seriously and any willful or habitual violation of safety rules will be considered as cause for dismissal"*



ORGANIZATION INDEX: UAE

SL.NO	CLASSIFICATION	NOS
1	MANAGING DIRECTOR	1
2	GENERAL MANAGER	1
3	OPERATION DIRECTOR	1
4	SITE MANAGER	2
5	ADMINISTRATION MANAGER	1
6	QUANTITY SURVEYOR	1
7	CIVIL ENGINEER	2
8	ELECTRICAL ENGINEER	1
9	MECHANICAL ENGINEER	1
10	CAD DESIGNER	2
11	PUBLIC RELATION OFFICER	1
12	ACCOUNTANT	1
13	CIVIL FORMAN	3
14	ELECTRICAL FORMAN	1
15	STRUCTURAL STEEL FABRICATOR	5
16	MEP WORKERS	8
17	ALUMINIUM FABRICATOR	4
18	PAINTER/GYPSUM WORKERS	8
19	TILE & PAVING MASON	6
20	MASONS (BLOCK WORK & PLASTERING)	9
21	SHUTTERING CARPENTER	8
21	STEEL FIXER	6



