



**H.O.M**  
MAKE YOUR VISION A REALITY



# Portfolio





SUPPLY AND INSTALL CHILLED WATER AIR HANDLING UNIT

HVAC Works

SUPPLY AND INSTALL DX-COOLING COIL & DX-CONDENSING UNIT & MAINTENANCE WORKS

SUPPLY AND INSTALL DX-AIR HANDLING UNIT  
Perform performance test for the Air Handling unit and MAINTENANCE WORKS

Supply and install Fire Fighting System for hoods

FIRE FIGHTING SYSTEM

Supply and install stainless steel kitchen hood complete with all standard accessories

Supply and install Fire Fighting System for the hood

FIRE FIGHTING SYSTEM FOR CONTRL PANELS  
TYPE FIRE SEARCH



# Arc

6/2020







Supplying installing and commissioning of a complete system of Air condition system.

HVAC Works

CHILLED WATER PUMP

WATER TREATMENT

FRESH AIR HANDLING UNIT

FAN COIL UNIT

DX HI WALL SPLIT UNIT

FANS

Exhaust Fans

Fresh Air Fans

PIPE AND FITTINGS

VALVES

DUCTWORK

DUCT WORK INSULATION

AIR DISTRIBUTION

AIR CURTAIN

TESTING AND BALANCING

BUILDING MANAGEMENT SYSTEM WORKS





INTERNAL DRAINAGE SYSTEM  
RAINWATER DRAINAGE SYSTEM  
AIR CONDITIONING DRAINAGE SYSTEM  
INTERNAL WATER SUPPLY SYSTEM

PLUMBING Works







Supplying Electromotoric actuator, 400 N , 55 mm , AC/DC 24 V , 0 - - - - - 10 V / DC 4 - - - - - 20 mA , Spring Return Function.

HVAC Works  
VALVE ACTUATOR

Supplying, installing, testing and commissioning of DX Split Unit of Capacity 12,000 BTU/HR (1.5 HP) Coil Evaporator.

HVAC Works  
SPLIT UNIT COIL  
EVAPORATOR

Supplying and installing COMPRESSOR for concealed unit model: 38CCD , 64,000 BTU/Hr complete with freon charge and testing, commissioning for unit.

HVAC Works  
CONCEALED UNITS  
COMPRESSORS



Supplying, installing, testing and commissioning of the following DX-Coils. Dismantling of Split unit and transporting to factory for changing.

HVAC Works











PIPING AND FITTING MATERIALS  
SPRINKLER SYSTEM  
PIPING FOR ZONE CONTROL UNIT DRAIN  
VALVES  
FIRE STANDPIPE SYSTEM  
CARBON DIOXIDE EXTINGUISHING SYSTEM  
FM-200 CLEAN AGENT EXTINGUISHING  
SYSTEM  
EXTINGUISHERS  
AUTOMATIC FIRE SEARCH  
SIAMESE CONNECTIONS

FIREFIGHTING





# Adidas

1/2021



Concealed air conditioner  
Fan Coil  
Ventilation

HVAC Works





Evaporator unit Blower for Carrier split unit  
BVN Exhaust Fan  
BVN Exhaust Fan

SUPPLYING  
MATERIALS

AntiScale and AntiCorrosion Inhibitor  
Combination of an organic phosphate with  
organic polymer Provides cathodic  
protection  
Prevents deposition Inhibits scale formation  
Biocide  
Effective against a broad spectrum  
Helps to minimize slime problems which can  
cause  
costly reductions in heat transfer  
Anti-Algae  
Use two Kind of Biocide by alternative  
Package 25 kg

COOLING TOWER  
PIPES NETWORK





## Cleaning

Alkaline cleaning remove silt,clays,oils and colloidal matter

Package 25 kg

Anticorrosion for closed cycle Blind of chemicals tannin and nitrite Protective film on metal surface Package 25 kg

Install on blowdown of cooling tower for control

conductivity of water in cooling tower

Install on chilled pipes Must be present a valve connected to chilled pipe

Easy to addition of chemicals to circuit Made from carbon steel and coated by epoxy

AUTOMATIC DOSING PUMP

Dosing pump 5 liter/hour

Pressure 5 bar, Made in Italy

## CHILLED WATER SYSTEM





Facility Management

HVAC system maintenance

MAINTENANCE  
WORKS

HVAC Works



Supply, install, test and commissioning of Fire Alarm Panel FAP , Conventional Type

FIRE ALARM PANEL

Supply and install photo electric Smoke and Heat Detector Complete with its base and all its accessories.

DETECTORS

Supplying, installing, connecting and testing of Led indicator lamp, Fire alarm siren with strobe light and Fire alarm manual station with double action

CALL POINTS

Supplying, installing, connecting and testing alarm outlets including emt conduits, shielding cables and all necessary accessories

FIRE ALARM  
NETWORK AND  
OUTLETS

















Maintenance Program For Indoor Units  
Cleaning filters with air  
Washing filters with water and sterilizing with Dettol  
Cleaning coil with Blower  
Washing coil with water  
Cleaning the drain tub  
Review and test tub drainage  
Review for indoor connections and control  
Clean the outer plastic cover  
Fan Test  
Remote Control Test

## MAINTENANCE WORKS





## Maintenance Program For Outdoor Units

Check copper pipes

Cleaning coil with Blower

Washing coil with water

Test the condenser fan and check the connections

Compressor testing, ampere measurement, and control review

Freon charge measurement

Freon overcharge

Review the unit's external stand









# Metro Market

1/2021



Electro-Mechanical maintenance

MEP

# Original Marines

1/2021



Facility management

MAINTENANCE  
WORKS





Facility management

MAINTENANCE  
WORKS



Supply and install Evaporator Blower for the Evaporator unit series: 40AB 250-K. including dismantling of the old one.

Maintenance of Packaged Unit





Housekeepers and supervisors  
Spiders

Soft Facility







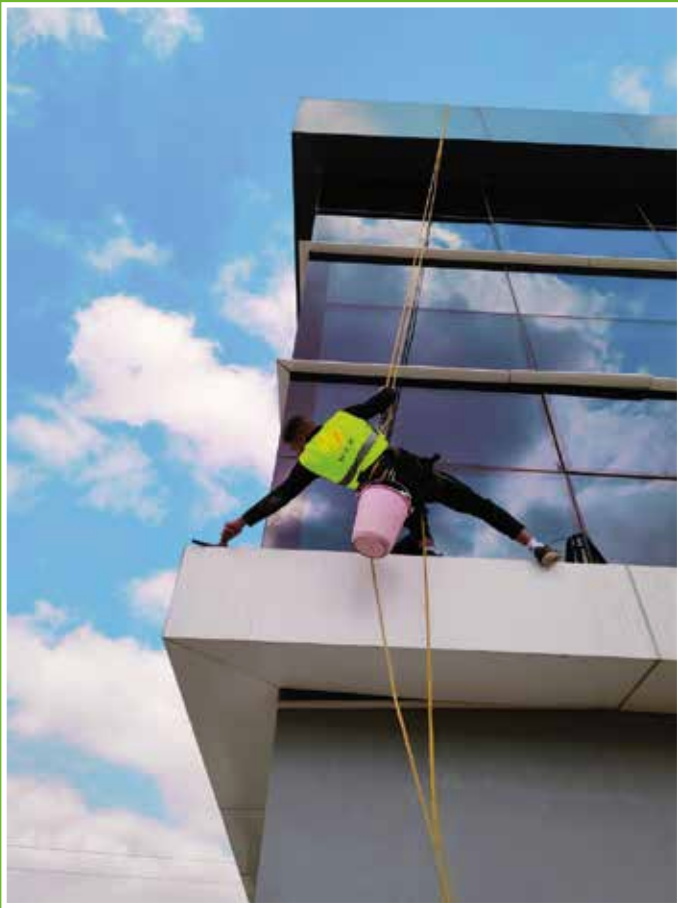


Spiders



Soft Facility









Replacing and renewing the HVAC system  
(Changing Coils).

HVAC Works

Insulation and Cladding For Chilled Water  
system.



FIRE PIPES MODIFICATIONS

FIRE FIGHTING  
WORKS

ASPHALT WORKS

Supply, install and operation of asphalt works

CIVIL WORKS

FIRE HOSE CABINETTS FHC

PORTABLE FIRE EXTINGUISHERS

FIRE HOSE REEL

FIRE PUMPS

ADDRESSIBLE FIRE ALARM SYSTEM

FM200 FIRE SUPPRESSION SYSTEM

CO2 FIRE SUPPRESSION SYSTEM

FIRE FIGHTING  
MAINTENANCE





Refiling of Cooling liquid.  
Refiling Diesel Motor Oil.  
Diesel Motor Filter.  
Motor air vent.  
Supplying upright sprinkler heads, brass  
finished, glass bulb

ADDRESSIBLE FIRE ALARM SYSTEM

FIRE PUMPS

MONTHLY MAINTENANCE CLEANING  
PROGRAM FOR GREASE TRAPS

Fire Pumps  
Maintenance

FIRE ALARM  
MAINTENANCE

FIRE FIGHTING  
MAINTENANCE

GREASE TRAP  
MAINTENANCE

# الامل للبترول

1/2021



Full maintenance works for MEP works

MEP





Supplying, Installing, Connecting, Testing and Commission of two pipe Ceiling Mounted Chilled water Fan Coil Units C/W chilled water coil, fan, filter, valves, 2 way-control valve control, all electrical works and all accessories .

Supplying, installing, connecting , Testing and Commission of Seamless Black steel pipes chilled water piping networks c/w supports, fittings, flexible connections and all accessories.

Supplying, Installing, Connecting, Testing and Commission of water treatment for chilled water system C/W all accessories and components required.

Supplying, Installing, Connecting, Testing and Commission of glass wool insulation for chilled water piping network.

HVAC Works



Supplying, Installing, Connecting, Testing and Commission of Galvanized steel sheet metal duct-work as specified and as indicating on drawings c/w supports, canvass connection, splitter dampers, volume dampers, plenum boxes fire dampers, flexible connections and all needed accessories.

Supplying, Installing, Connecting, Testing and Commission of glass wool insulation for duct work

Supplying, installing, connecting, Testing and Commission of internal accostics lining of 13mm Duct thermal insulation c/w all accessories .

Supplying, installing, connecting, testing and commission of air outlets (ceiling diffusers, grilles and registers) c/w dampers, neck and all needed accessories .

## HVAC Works





Supplying and provision of testing, balancing commissioning of the HVAC system include to provide consumable materials, workmanship and equipment required to measure, calibrate and adjust the all equipment to performance required.

HVAC Works

Supplying, installing, connecting and testing of seamless black steel fire protection piping system complete, including pipes fittings, supports hangers, sleeves, inserts painting and all required couplings and adapters all as per A.S.T.M. A-53 schedule 40 for piping systems 50 mm dia. and smaller, and schedule 40 welding fittings and for piping systems 65 mm dia. and larger, all as specified and as shown on drawings.

FIRE FIGHTING  
WORKS



Supplying, installing, connecting and testing of 15 mm pendent sprinkler heads with K factor (5.6) at temperature (68 c)

Supplying, installing, connecting and testing sprinkler OS & Y gate valve size : 2 "

Supplying, installing, connecting and testing sprinkler Test and Drain Valve size 1" gate valve.

FIRE FIGHTING  
WORKS

Supplying, installing, connecting and testing alarm detectors including emt conduits, shielding cables, accessories, testing, programming and commissioning.

Supply and install photo electric Smoke Detector Complete with its base and all its accessories.

Supply and install photo electric Heat Detector Complete with its base and all its accessories.

FIRE ALARM  
SYSTEM WORKS





Full maintenance works for MEP works

MEP

Replacing and renewing the HVAC system  
(Changing Coils).

HVAC Works



## LUMP SUM MONTHLY MAINTENANCE SERVICE:

A- Senior Maintenance Service

B- Special Maintenance Support –Daily rate on request.

## MAINTENANCE SERVICE



# Galleria 40

12/2022



Housekeepers and supervisors

HOUSEKEEPING



Supplying of Heat Exchanger (SHELL AND  
TUBE TYPE)

MECHANICAL  
WORKS



# KIROSEIZ MALL

8/2022



Supplying, Lifting, install, connection testing with nitrogen The following DX-Coil for Air-Cooled Chiller

DX COILS FOR CHILLER CONDENSER



## MONTHLY MAINTENANCE PROGRAM FOR

- AIR CONDITIONING SPLIT UNITS
- AIR CONDITIONING CONCEALED UNIT System Devices
- PACKAGED UNIT OF CAPACITY 240,000 BTU/HR
- ELECTRICAL SYSTEMS (LIGHTENING - POWER - LIGHT CURRENT
- WATER SUPPLY AND DRAINAGE SYSTEMS FOR TOILETS

## MAINTENANCE WORKS





## MONTHLY MAINTENANCE PROGRAM FOR

- Air Handling Units
- Chillers
- Pumps
- Cooling Towers

## MAINTENANCE WORKS



Supplying, Installing, Connecting, Testing and Commission o the following items:

COOPER STANDARD CABLE 70 mm2

COPPER LUGS 70 mm2

DESCRIPTION

Measuring success one customer at a time!

REYCUM Y/G FOR CABLE 70 mm2

EARTH BAR 30 cm WITH TEST LINK

UNIT PRICE

AMOUNT

CONDUIT CLAMP 3/4"

COPPER CONNECTOR 70 mm2 - FIXATION

CLIPS

CONDUIT CLAMP 1"

FISHER 8 mm WITH BOLT

ELECTRICAL  
WORKS





Supplying, installing, connecting, testing and commission of water-cooled Packaged unit with nominal cooling.

Supplying, installing, connecting, testing and commission of Cooling Tower working with shell and tube condenser.

Supplying, installing, connecting, testing and commission of Centrifugal Pumps complete with steel base

Supplying, Installing, Connecting, Testing and Commission of Galvanized steel sheet metal duct-work for the connection between Packaged units

All builder work as required by the HVAC system

Supplying, installing, connecting, testing ,commissioning and put into operation HVAC control panel

HVAC Works



Supply and installation of Air Cooled Cond. unit with 7.5hp semi-hermetic Bitzer comp. Medium Temperature.

CONDENSING UNIT OF REFRIGERATOR

Supply and installation of Commercial evap. Supply and installation Control Panel for unit.

Refrigerator Evaporator

CONCEALED UNITS:

HVAC Works

DX-Concealed Unit

GALVANISED SHEET DUCT WORKS

FIBER GLASS INSULATION

ELASTOMERIC RUBBER FOAM:

Supply and install Duct Heaters of 4 KW electric power including power cables and all its accessories.

Supply and install Control panel including all its accessories.





## INSULATED SANDWITCH PANEL TOTAL WALL PANEL AREA

Supply and installation of Air Cooled Cond.unit with 7.5 hp semi-hermetic Bitzer comp.Med. Temp.

Supply and installation of Commercial evap.  
Supply and installation Control Panel for unit.

## DIVISION 15 - MECHANICAL WORKS (HVAC) Fans.

Sheet Metal Duct Work.

Duct Insulation.

Air Outlets and Inlets.

Builders Work & Demiloshing of Existing Duct Works.

Testing, adjusting & balancing for airProvide.

## COLD ROOM

Refrigerator

## HVAC Meeting Room



Supply and installation of Refrigerator Suction Valve for Compressor

Suction Valve

DOUBLE INLET CURVED CENTRIFUGAL FANS - BACKWARD WHEELS.

Centrifugal Fan

Supplying and installing Double inlet Centrifugal fan, backward wheel.

Supply, installation, connecting, testing and commissioning of Electric Heater Elements.

Electric Heaters





CHILLED WATER COOLING COIL  
CONDENSING PAN  
HOOK UP CONNECTION FOR COIL  
DISMANTLING OF ELECTRIC HEATER

TECHNICAL  
INSPECTION