





idroesse infrastructure

idroesse infrastructure

Casa nel Parco – Jesolo (VE) - Italy









Realization of a new beachfront touristic complex in Jesolo (VE)

LOCATION: Jesolo, Venice Italy

SCOPE OF WORKS: structural design and supervision of structural works

CHRONOLOGY: 2006 - 2012

CLIENT: private











«Ex Casa per Ferie» touristic complex - Italy









Project Description

Realization of a new beachfront touristic complex in Jesolo (VE)

LOCATION: Jesolo, Venice Italy

SCOPE OF WORKS: complete design: preliminary, final and detailed, supervision

of works, health and safety during design and construction phases

CHRONOLOGY: 2008 - on going

CLIENT: private





Il Quartiere Latino and Treviso University - Italy







Project Description

Upgrading and extension of the complex called « «Ex Ospedale Santa Maria dei Battuti» in Treviso, the new complex has residential and commercial uses . Restoration and upgrading of other historical building and realization of the new Treviso University.

LOCATION: Treviso Italy

SCOPE OF WORKS: support to the architectural and structural design, supervision of structural works, health and safety during construction phase.

CHRONOLOGY: 1999 - 2006

CLIENT: Carron Spa Civibus S.p.A. - Fondazione Cassamarca (Treviso)







New High School Institute in Montebelluna - Italy









Project Description

Realization of a new High School Institute in Montebelluna that includes: 59 classrooms, 10 laboratories, 1 auditorium, library and bars. The institute is built near an existing school in order to create a scholastic complex.

LOCATION: Montebelluna, Treviso Italy SCOPE OF WORKS: detailed design CHRONOLOGY: 2011 - 2013

CLIENT: Provincia di treviso



Ex Geriatrico - Italy















Project Description

New library and university complex: classrooms, administration building, parks, etc in the area called «Ex Geriatrico» in

Padova

LOCATION: Padova Italy

SCOPE OF WORKS: urban planning, preliminary, final and detailed architectural and structural works

CHRONOLOGY: 2008 – on going CLIENT: Universita' di Padova



Nations Palace - Tajikistan













Project Description

Realization of the new Nations Palace, a governmental building located near the river of the capital Dushanbe.

LOCATION: Dushanbe (Tajikistan)

SCOPE OF WORKS: final and detailed design of structural and architectural works

CHRONOLOGY: 2002 -2004

CLIENT: CODEST INTERNATIONAL s.r.l., Pozzuolo del Friuli (Udine)



San Francesco Institute - Italy















Project Description

Restoration of the historical Saint Francis Convent in Conegliano for the realization of an Institute for post graduated courses.

LOCATION: Conegliano, Treviso Italy

SCOPE OF WORKS: complete design, supervision of works, health and safety during design and construction works

CHRONOLOGY: 1998 - 2003

CLIENT: Immobiliare Fondazione Cassamarca e Comune di Conegliano (Treviso)



Krylatsky Hills International Business Park - Russia











Project Description

LOCATION: Moscow, Russia

SCOPE OF WORKS: detailed design of architectural works

CHRONOLOGY: 2004 - 2005

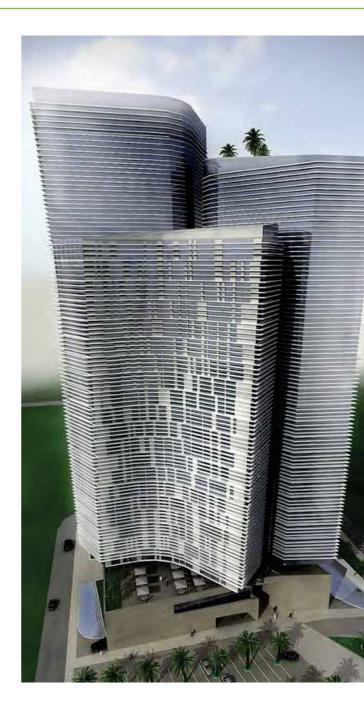
CLIENT: CODEST INTERNATIONAL s.r.l., Pozzuolo del Friuli (Udine)



ABC Towers - UAE









Project Description

 $ABC\ Towers. Multifunctional\ buildings:\ residential,\ offices\ and\ commercial\ area$

LOCATION: Abu Dhabi - UAE

SCOPE OF WORKS: Preliminary design

CHRONOLOGY: 2008
CLIENT: Private



European Food Authority - Offices and residential buildings - Italy

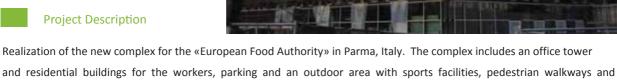












LOCATION: Parma, Italy

SCOPE OF WORKS: complete structural design: preliminary, final and detailed. Supervision of structural works CHRONOLOGY:

2006 - on going

external roads.

CLIENT: Authority - Società di Trasformazione Urbana S.p.A.



Vertigo Tower - Bulgary









Project Description

Realization of a business, 17.000 sqm offices, and commercial, 3.400 sqm retails area tower (18 floors) in Sofia, Bulgary

LOCATION: Sofia, Bulgary

SCOPE OF WORKS: P&CM, complete design, supervision of works, interior design

CHRONOLOGY: 2006 - 2012

CLIENT: Casa Chic



New Veneto Banca Headquarter - Italy















Project Description

LOCATION: Montebelluna, Treviso Italy

SCOPE OF WORKS: complete preliminary, final and detailed design, supervision of works, safety coordination during

design and construction phases.

CHRONOLOGY: 1999 - 2003

CLIENT: Veneto Banca S.c.a.r.l



Ecoparco d'Adige - Italy















Project Description

Realization of a new business, industrial and commercial area in the middle of

three province: Padova, Rovigo and Vicenza. LOCATION: Piacenza d'Adige, Padova Italy

SCOPE OF WORKS: EIA study, masterplan and urban planning activities

CHRONOLOGY: 2005- 2009 CLIENT: Il Ponte s.p.a.





The Italian village - Yas Island - UAE









Project Description

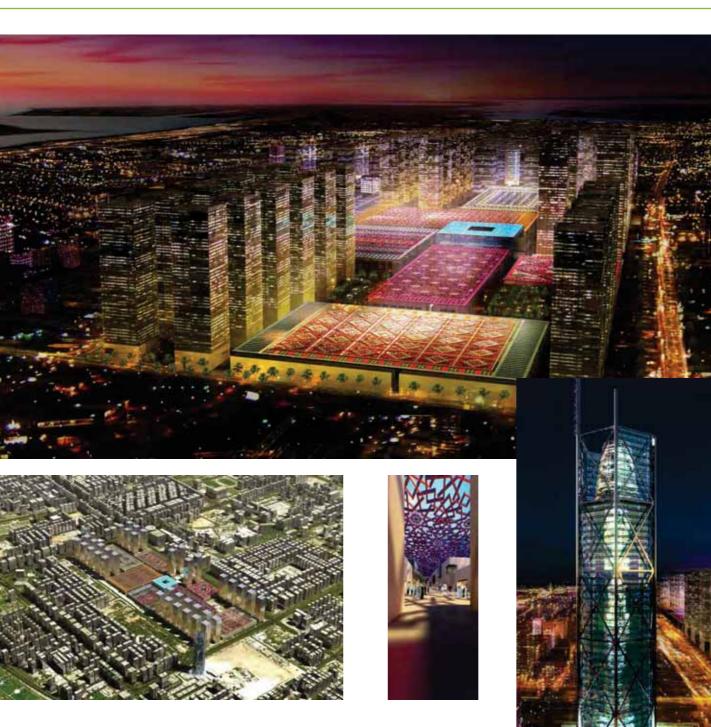
Realization of a new residential, commercial and touristic complex in Yas Island.

LOCATION: Yas Island, Abu dhabi SCOPE OF WORKS: masterplan CHRONOLOGY: 2010 – on going

CLIENT: Aldar



Al Manhal Area - UAE





Project Description

Masterplan of a central area, of 67.5 ha, in Abu Dhabi.

LOCATION: Abu dhabi

SCOPE OF WORKS: masterplan

CHRONOLOGY: 2005
CLIENT: private



Sports Area – Conegliano (TV) first prize as "Best sports facility in Italy 2007- 2008" - Italy













Project Description

Realization of an new sports area including: an indoor sports arena for 5.000 people, a baseball stadium, a rugby stadiums and all related infrastructures: roads, parking, lighting systems, etc. The project won the first prize as "Best sports facility in Italy 2007- 2008"

LOCATION: Conegliano (TV), Italy

SCOPE OF WORKS: urban planning, environmental studies, complete design: preliminary, final and detailed, health and safety during design and construction phases, supervision of works.

CHRONOLOGY: 2007 - 2008

CLIENT: Co.Ge.Mar.



New Treviso Velodrome - Italy







Project Description

Design and construction of the new Treviso Velopark with Project Finance procedure. The new cover cycle track will be constructed in Spresiano (TV) in a Mosole property and will complete the existing Lago Le Badie sportive center. The Velopark for international competitions, of first category, will have a cover surface of 90.0000 sqm and 5.000 cover seats (max 6.000 seats). There will parking for maximum 6.000 visitors and will be built near important roads and the new Pedemontana toll.

LOCATION: Treviso Italy

SCOPE OF WORKS: preliminary design and project finance proposal. to be done final and detailed design, supervision of works, coordination of health during design and construction phase.

CHRONOLOGY: 2013 – on going CLIENT: Consiglio Federale FCI



Ice Stadium – Cortina d'Ampezzo - Italy









Project Description

Design and supervision of works for the upgrading and restoration of the existing Olympic outdoor ice stadium

LOCATION: Cortina d'Ampezzo (BL)

SCOPE OF WORKS: Design and supervision of works

CHRONOLOGY: 1992 - 2010

CLIENT: Municipality of Cortina d'Ampezzo



Indoor sport arena - Italy











Project Description

Design, health and safety coordination during design phase of an indoor sports arena of approximately 8.000 sqm.

LOCATION: Ittiri, Sardinia

SCOPE OF WORKS: Design, health and safety coordination during design phase

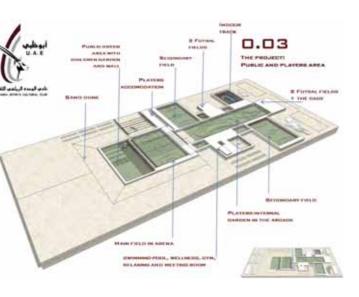
CHRONOLOGY: 2006

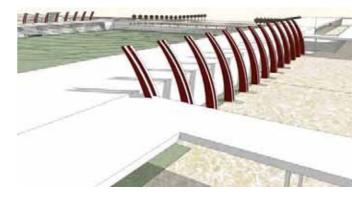
CLIENT: Municipality of Ittiri



Al Wahda Headquarter and Training Center - UAE









Project Description

Proposal for the realization of the new headquarter and training center of Al Wahda sport cultural club.

LOCATION: Abu Dhabi (UAE) SCOPE OF WORKS: masterplan

CHRONOLOGY: 2014

CLIENT: Al Wahda Sport Cultural Club



« Al Centro» Shopping Mall - Italy











Project Description

LOCATION: Mareno di Piave, Treviso Italy

SCOPE OF WORKS: complete design, supervision of works, health and safety during design and construction phases

CHRONOLOGY: phase 1: 1992 -2001, phase 2: 2008- on going

CLIENT: Magazzini Zanchetta s.n.c.



"CONE' " Shopping Mall and commercial area - Italy

















Project Description

Realization of a commercial area near the center of Conegliano including: a shopping mall, with a market of 6.000 sqm and a retail area of 15.000 sqm, and other commercial buildings each with a retail area of 800 sqm.

LOCATION: Conegliano (TV), Italy

SCOPE OF WORKS: urban planning, environmental studies, complete design: preliminary, final and detailed, health and safety during design and construction phases, supervision of works.

CHRONOLOGY: 2006 - 2010

CLIENT: Coop Adriatica scarl and IGD spa



Aparthotel Amerikano - Odessa - Ukraine









Project Description

Realization of the new AERMEC Headquarter

LOCATION: Odessa, Ukraine

SCOPE OF WORKS: complete design, supervision of works and interior design

CHRONOLOGY: 2009 - 2011

CLIENT: private









Grand Hotel Miramonti Majestic - Italy









Project Description

Restoration and extension of the historical Grand Hotel Miramonti Majestic 5* di Cortina d'Ampezzo (BI).

LOCATION: Cortina d'Ampezzo, (BL) Italy

SCOPE OF WORKS: complete design: preliminary, final and details, supervision of works, health and safety during design and construction

phases

CHRONOLOGY: 2010 - on going

CLIENT: Private





Hotel Parliament - Hungary

















Project Description

Restoration of an historical building in the center of Budapest for the realization of a 4 stars Best Western hotel.

LOCATION: Budapest, Hungary

SCOPE OF WORKS: complete design .

CHRONOLOGY: 2002 - 2006 CLIENT: Kálmánház Kft, Budapest



Grand Hotel Savoia - Italy













Project Description

Restoring and extension of the 5 stars Grand Hotel Savoia in Cortina d'Ampezzo. The hotel includes: 133 rooms, 45 touristic apartments, library, auditorium for 400 people, beauty center and other facilities

LOCATION: Cortina d'Ampezzo (Belluno) Italy

SCOPE OF WORKS: P&CM, complete design, supervision of works, health and safety during design and construction works, cost accounting.

CHRONOLOGY: 2004 - 2010

CLIENT: CO.NI.COS. S.p.A, Mondovì (Cuneo)



NH Hotel Milano - Italy







Project Description

Realization of an NH Hotel composed by two towers of 70 m height (18 floors, 398 rooms) and a golden entrance buildings that links the towers together.

LOCATION: Rho Milano, Italy

SCOPE OF WORKS: preliminary, final and detailed design, supervision of works and health and safety during design

phase

CHRONOLOGY: 2005 - 2009

CLIENT: CMB Carpi S.r.l., Marcora Costruzioni S.p.A., Pessina Costruzioni S.p.A, for Sviluppo e Sistema Fiera Milano



New York Hotel Budapest - Hungary

















Project Description

Restoration of an historical building in the center of Budapest for the realization of a

5 stars hotel. .

LOCATION: Budapest, Hungary

SCOPE OF WORKS: preliminary and final design

CHRONOLOGY: 2000 - 2003

CLIENT: Boscolo Hotel Italia Group



New Conegliano Hospital - Italy













Project Description

LOCATION: Conegliano (TV)

SCOPE OF WORKS: complete architectural design, supervision of works, health and safety during design and construction

phases

CHRONOLOGY: 2001 - 2011

CLIENT: U.L.S.S. n. 7 Pieve di Soligo



Project Financing for the New Treviso Hospital - Italy





Project Description

LOCATION: Treviso (TV)

SCOPE OF WORKS: member of the consortium to design and build the new hospital in Treviso, Italy, and provide facility management services over the 21-year concession period. The project includes 90,000sq m of new construction. This will include a high-technology building to house 22 operating theatres and a range of care facilities. Total indicative amount of works: 630 million AED

CHRONOLOGY: 2012 – on going

CLIENT: U.L.S.S. n. 9 Treviso



Moscow Medical Center - Russia









Project Description

Realization of a private clinic in Moscow

LOCATION: Moscow, Russia

SCOPE OF WORKS: detailed design of architectural works and MEP

CHRONOLOGY: 2004 - 2005

CLIENT: CODEST INTERNATIONAL s.r.l., Pozzuolo del Friuli (Udine)



Mirano Hospital - Italy















Project Description

Extension, external works and upgrading of the Mirano Hospital, operational unit: neurology, medicine and dermatology.

Bed seats: n. 98 and total surface: 13.320 sqm

LOCATION: Mirano (VE), Italy

SCOPE OF WORKS: supervision of works, health and safety during construction phase, cost accounting

CHRONOLOGY: 2003 - 2007 CLIENT: Operleasing S.p.A.



Rosa Zalivani Institute - Nursing Home for Elders - Italy











Project Description

LOCATION:Treviso, Italy

SCOPE OF WORKS: final and detailed design of structures and MEPs, safety coordination during design and construction phases, cost estimation, cost accounting, supervision of works

CHRONOLOGY: 2007 - 2013

CLIENT: Istituto di Servizi di Ricovero per Anziani Treviso





Cluj Napoca Airport - Romania







Project Description

Feasibility study for the new intermodal node of Cluj-Napoca Airport (Romania), cofinanced by the TENT (Trans-European Transport Network).

Programme LOCATION: Cluj- Napoca Romania

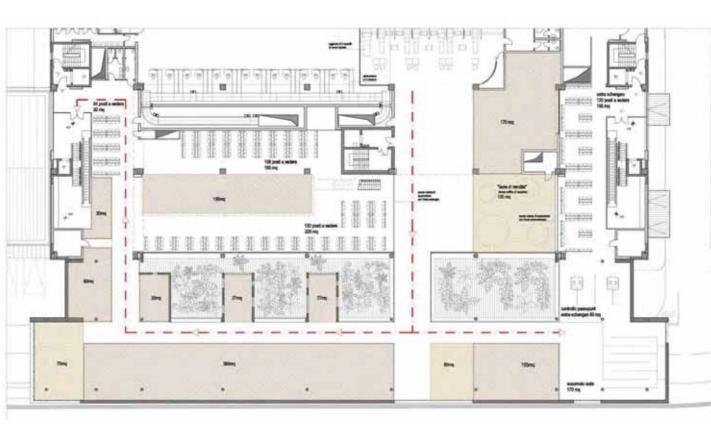
SCOPE OF WORKS: feasibility study CHRONOLOGY: 2013 – on going

CLIENT: Avram Iancu Cluj International Airport





Canova Airport, Treviso - Italy







Project Description

Extension of commercial area in Canova Airport, Treviso.

LOCATION: Treviso, Italy

SCOPE OF WORKS: preliminary design

CHRONOLOGY: 2011- 2012
CLIENT: SAVE Engineering spa



Moving Walkways Intermodal Hub Marco Polo Airport - Italy











LOCATION: Tessera (VE), Italy

SCOPE OF WORKS: engineering consultancy for the preliminary, final and detailed design

CHRONOLOGY: 2013 – on going CLIENT: SAVE Engineering spa



Garibaldi Train Station - Italy















Project Description

LOCATION Milano, Italy

SCOPE OF WORKS: detailed design of architectural, structural work and MEP, health and safety during design stage

CHRONOLOGY: 2004- 2006

CLIENT: G.D.M. Costruzioni S.p.A.



ELENA - Energy Efficiency Milan Covenant of Mayors







Project Description

Technical assistance service for the development of ELENA Programme called Energy Efficiency Milan Covenant of Mayors. The European Investment Bank on the 17th of July 2009 approved an investments programme of a 90 Million Euro, total costs, to be financed by EIB, 65 Million Euro, and by the ESCOs awarding the performance contracts. The investments will mainly concern the energy refurbishment of existing public buildings, mainly schools, located in some 40 selected small municipalities belonging to the Province of Milan – Italy, namely the Municipalities that have joined the Covenant of Mayors

LOCATION: Province of Milan

SCOPE OF WORKS: technical assistance for buildings lightings refurbishment projects

CHRONOLOGY: 2011 – on going CLIENT: Province of Milan

ELENA - Chieti Towards 2020







Project Description

Technical assistance service for the development of ELENA Programme - Progetto Chieti Towards 2020 that is the biggest investment programme ever realized in the Province of Chieti. The investments will contribute to reduce the energy final consumption and promote the installation of renewable energy sources in the Municipalities that have joined the Covenant of Mayors. The total cost of the investments is of 80 million euro, EIB will financed the majority of these costs and the remaining part is expected to be financed by the ESCOs awarding the performance contracts. The investments will contribute in particular to install photovoltaic panel on the roof of the buildings and refurbishing the existing public lighting systems.

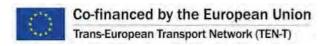
LOCATION: Province of Chieti

SCOPE OF WORKS: technical assistance for buildings lightings refurbishment projects

CHRONOLOGY: 2013 – on going CLIENT: Province of Chieti



Energetic Masterplan of Marco Polo Airport Intemodal Node





Project Description

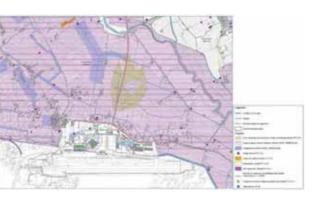
LOCATION: Tessera (VE)

SCOPE OF WORKS: engineering consultancy services for the Energetic Masterplan of Marco Polo Airport Intermodal Node

CHRONOLOGY: 2011 – 2012 CLIENT:SAVE Engineering s.p.a.



Environmental Studies for Venice Airport Intermodal Node





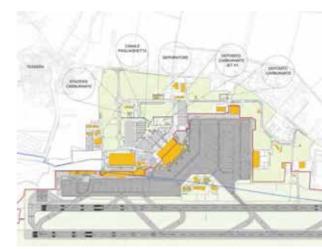


Project Description

LOCATION: Tessera (VE)

SCOPE OF WORKS: engineering consultancy services for the Environmental Feasibility Study of the intermodal node of Venice Airport and for the Environmental Impact Study of the

Airport Development Plan
CHRONOLOGY: 2010 - 2011
CLIENT: SAVE Engineering s.p.a.

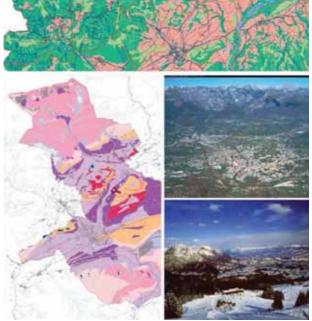




Landscape Planning - Province of Belluno







Project Description

LOCATION: Province of Belluno, Italy

SCOPE OF WORKS: consultancy services for Landscape Planning of Belluno Province, a province in the middle of

 $mountains \ . \\$

CHRONOLOGY: 2009 - closed CLIENT: Province of Belluno

EIA of the Veneto Region Transport Plan





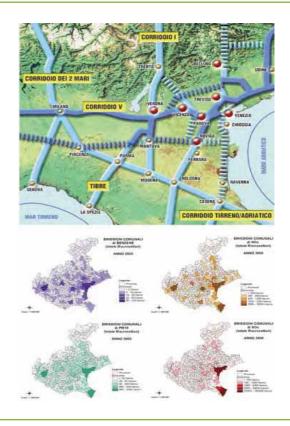
Project Description

LOCATION: Veneto Region

SCOPE OF WORKS: engineering consultancy services for the Environmental Impact Assessment of the Veneto Region

Transport Plan
CHRONOLOGY: 2006

CLIENT: Veneto Region





Military complex - Vicenza - Italy





LOCATION: Dueville (VI)

 ${\tt SCOPE\ OF\ WORKS:\ design\ of\ a\ new\ military\ complex\ that\ include\ public\ offices\ ,\ administration\ offices\ and}$

apartments for soldiers. CHRONOLOGY: 2007

CLIENT: Municipality of Dueville and Local Military Department



Military complex - Padova - Italy







Project Description

LOCATION: Padova

SCOPE OF WORKS: design of a new military complex that include public offices , administration offices and apartments for soldiers.

CHRONOLOGY: 2007

CLIENT: Local Military Department



New Prison - Pordenone - Italy





LOCATION: San Vito al Tagliamento (PN), Italy

SCOPE OF WORKS: final design of a new prison for 300 prisoners including: buildings for cells, administration buildings, gym for soldiers, kitchen spaces and canteen, parking, working building for prisoners, etc. The project area is approximately 50.000 sqm, that project include the renovation of the existing buildings and the construction of new ones .

CHRONOLOGY: 2013

CLIENT: Italian Ministry of Defense



Project Finance of the New Bolzano Prison - Italy



Project Description

LOCATION: San Vito al Tagliamento (PN), Italy

SCOPE OF WORKS: member of the consortium for the design and build of a new prison in Bolzano, and for the provision of facility management services over the 21-year concession period. Final design of a new prison for 200 prisoners including: buildings for cells, administration buildings, gym for soldiers, kitchen spaces and canteen, parking, etc.

CHRONOLOGY: 2013

CLIENT: Italian Ministry of Defense



Military complex- Mantova - Italy







Project Description

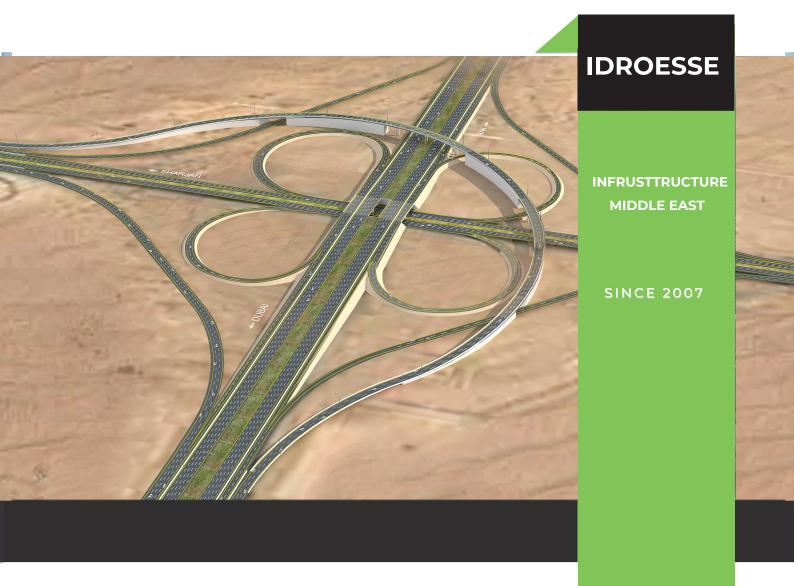
LOCATION: Mantova, Italy

SCOPE OF WORKS: member of the consortium for the design and build of new facilities and buildings inside Mantova military complex: new external parking area, maintenance warehouse for military trucks, and storages.

CHRONOLOGY: 2014

CLIENT: Italian Ministry of Defense





INFRUSTRUCTURE

UAE

www.idroesse.com

Updating Stormwater Master Plan for Abu Dhabi City

Project Description

PROJECT : Abu Dhabi Municipality
CLIENT : Abu Dhabi Municipality

LOCATION: Abu Dhabi, United Arab Emirates

PERIOED : Nov.2021

VALUE: 34,111,00Million AD

SCOPE : Updating of Stormwater Masterplan for Abu Dhabi City

• Phase A: Data Collection and Coordination with Stakeholders.

• Phase B: Update the existing hydraulic models

• Phase C: Assess the performance and quantify the capacity of the existing stormwater system

• Phase D: Review and Update the 2015 Stormwater Masterplan

• Phase E: Real-Time - Operational Model Set Up

 $\bullet \ Model \ conversion \ from \ Civil Storm \ and/or \ Info SWMM \ to \ agreed$

software (2D model) for master planning;



The Development of South Shamka Infrastructure (presently known as Madinat Al Riyad)

Project Description

Masterplan, Design and Supervision

South Shamkha Development is a mixed-use development for up to 165,000 residents and an estimated 130,000 non-residents working in offices, retail, and commercial activities along with public and social facilities. The site area of the project is about 43 sq. km.

PROJECT : Masterplan, Design and Supervision

CLIENT: Musanada – Abu Dhabi LOCATION: Abu Dhabi, United Arab Emirates

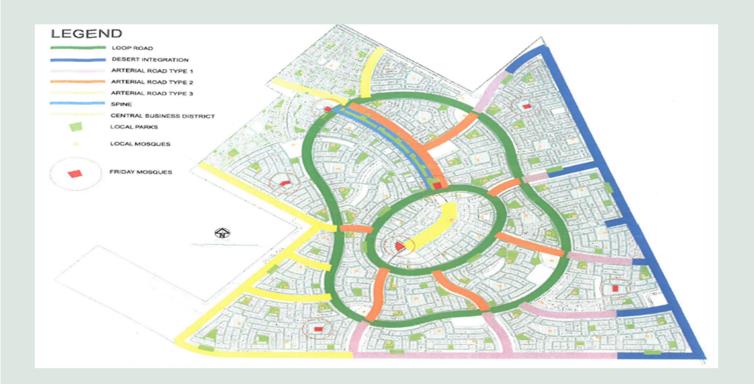
> PERIOED : December 2015 VALUE : AED 7,050 Million

SCOPE : • Roads (single and dual carriageway): 80 KM main roads + 290 KM secondary roads – 50 signalized junctions - 3 major links to Desert.

• Water Cumby Networks 77 KM of

• Water Supply Network: 77 KM of 315-900 pipes, 320 KM of distribution mains of 180-200, Water reservoir with 44,000 m3 capacity, full operational pumping station.

- Waste Water Network: 31 KM 500-1000 pipes, 4 KM force main, 110 KM of secondary sewer 160-315 pipes, full operational pumping stations (2 PS), and 5KM of deep sewers including Micro Tunneling.
- Storm Water Network: 197 KM mainline and surface drainage pipes of 315-2200, 4 discharge ponds.
- Power Network: Complete power distribution system 254 KM low voltage (LV), 225 KM medium voltage 22 kV, 300 precast substations 22/0.4kV and 1 primary station 132/22kV.
- Street Lighting: Full integrated street lighting (LED) system.
- Irrigation Network and Landscape: 300km main pipes 800 km distribution pipes –1 reservoirs 1,000,000m3.



Al Bade'e Interchange

Project Description

PROJECT : Al Bade'e Interchange

CLIENT : Ministry of Infrastructure Development LOCATION : Abu Dhabi, United Arab Emirates PERIOED : January 2016- February 2018

VALUE : AED 170 Million

SCOPE :Design and Supervision of:

• Upgrade the 42 KM existing road from 2x2 to 3x3;

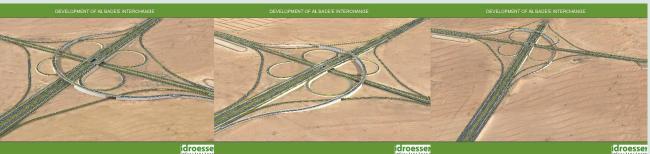
• Construction of inner and outer shoulders;

• Replacing the existing New Jersey barrier in the median with metal guard rail;

•Mill and pave of existing pavement (193,000 m2);

• Full depth reconstruction of pavement (610,000 m2); and • Improvement of road lighting network (700 light poles)





Umm Al Quwain Entrance Interchange

Project Description

. Design and Supervision of:

Complete interchange free flow 4 legs two levels as part of the improvement of the intersection of Al Ittihad Road (E11) and Falaj Al Mualla road (E55) in Umm Al Quwain.

PROJECT: Umm Al Quwain Entrance Interchange

CLIENT: Ministry of Public Works LOCATION: United Arab Emirates

PERIOED : September 2013- September 2017

VALUE : AED 130 Million

SCOPE : Design and Supervision of:

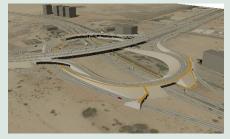
• 2KM three lane dual carriageway along Eithad Road E11 and 2KM two lane Dual carriageway along Fullaj Ul Muallah Road E55.

• Six viaducts (11,000 m2) including overheads, directional ramps and two underpass structures.

• Un-interrupted pedestrian mobility

• 257 light poles; 420 LED luminaire for street lighting; 12km power lighting cables









Al Hamidiya Interchange (Sheikh Khalifa Interchange, Ajman)

Project Description

PROJECT : Umm Al Quwain Entrance Interchange

CLIENT: The Executive Committee for Developing Rural Areas

LOCATION : Ajman, United Arab Emirates PERIOED : March 2010- June 2013

VALUE : AED 130 Million

SCOPE : Design and Supervision of:

• 70,950 m2 roads,

1 covered underpass (11,611 m2),5 underpasses ramps (9,676 m2),

7 Viaducts (7,741 m2),14 Viaducts ramps,

• 265 light poles; 360 LED luminaire for street lighting; 10km power lighting cables







Khor Fakkan Interchange

Project Description

PROJECT: Khor Fakkan Interchange

CLIENT : Ministry of Energy and Infrastructure

LOCATION :Sharjah, United Arab Emirates PERIOED : January 2019- June 2019

VALUE : AED 60 Million

SCOPE : Design and Supervision of:













Musaffah Industrial Area

Project Description

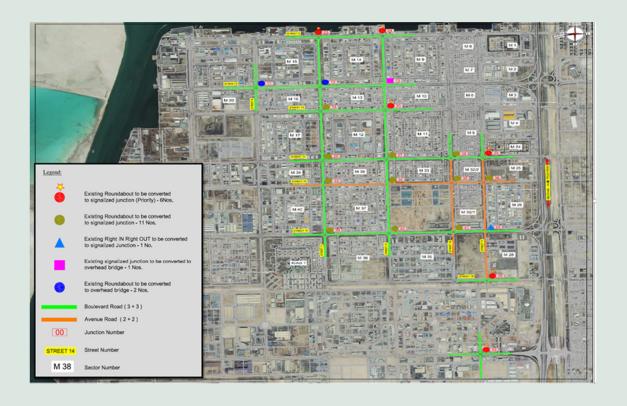
PROJECT : Musaffah Industrial Area CLIENT : Musanada – Abu Dhabi

LOCATION: Abu dhabi, United Arab Emirates

PERIOED : May 2018 - April 2019 VALUE : AED 951 Million SCOPE : Design of:

The scope of the Services are conversion of 21 roundabouts to 16 signalized intersections, 2 underpasses and 3 bridges. The road length is approx. 32 KM. The works includes are;

Transportation studies, Data collection and full coordination with concerned parties, Existing pavement evaluation and new Pavement Design, Upgrading the existing roundabouts to signalized junctions / grade separated junction as per validation of Transportation Study, Roads Geometry design for the proposed mitigations, Service roads, parking, access, laybys and bus stops affected by the proposed mitigations, Pedestrian Walkways and Cycle Tracks, Service Corridors, Utilities protection/relocation works and storm Drainage works, Landscaping works, Storm water and Drainage works, Roads structures designs (Bridges and Underpass), Traffic Signals and ITS, Street Lighting works, Road safety audit.







Improvement of Sharjah Maliha Road (E102)

Project Description

PROJECT : Improvement of Sharjah Maliha Road (E102)
CLIENT : Ministry of Infrastructure Development

LOCATION: Sharjah, United Arab Emirates
PERIOED: May 2013 - December 2015

VALUE : AED 811 Million SCOPE : Design of:

The project is Sharjah- Maliha Road between H.H. Shk. Khalifa Freeway (Dubai-Fujairah Road) interchange and The 5th Industrial interchange.

The existing road is approximately 57 km long with 2.5-3 meter wide shoulders on both sides of the road and with an approximately 1.5 meter inner shoulders and with Jersey barrier separation. The traffic currently using the road is 100% by light vehicles. The existing road has several grade separated interchanges and underpasses.



Improvement of Emirates Road (E611)

Project Description

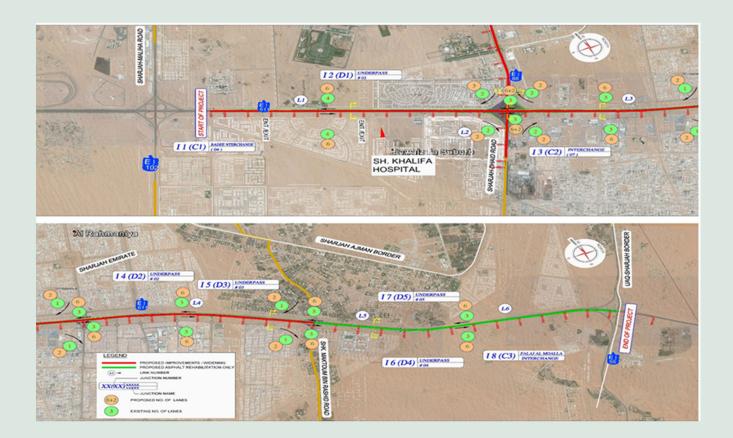
PROJECT : Improvement of Emirates Road (E611)
CLIENT : Ministry of Energy and Infrastructure

LOCATION: Sharjah, United Arab Emirates
PERIOED: July2013 - December 2018

VALUE : AED 534 Million SCOPE : Design of:

The project is improvement of Emirates Road (E611) between intersection of Sharjah Maliha Road (Al Badee Interchange) and Umm Al Quwain Falaj Al Mualla Road (E55) Interchange in Sharjah, UAE.

Upgrade the 25 KM existing road from 4x4 to 6x6, upgrading of existing bridges, new directional ramp, and all associated Electrical, Storm Water Drainage, Utilities protection and relocation and Street Lighting works.



Improvement of Emirates Road (E611)

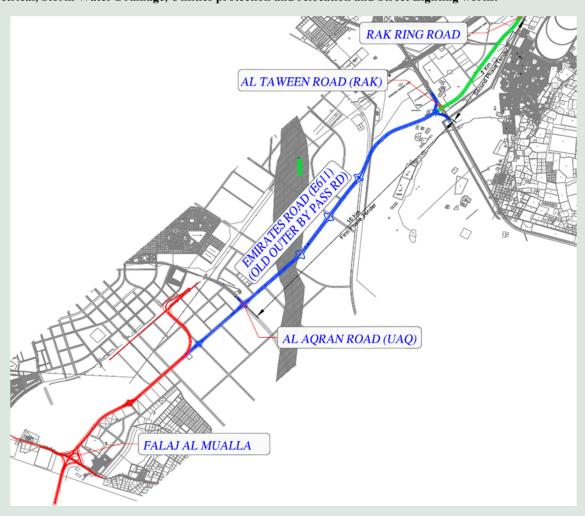
Project Description

PROJECT : Improvement of Emirates Road (E611)
CLIENT : Ministry of Energy and Infrastructure
LOCATION : Sharjah, United Arab Emirates
PERIOED : March 2011 – October 2014

VALUE : AED 375 Million SCOPE : Design of:

The project is improvement of Emirates Road (E611) from Umm Al Quwain Falaj Al Mualla Road (E55) Interchange in Sharjah to RAK Ring Road, UAE.

36 KM new 3 lane dual carriageway, new directional ramp, 4 under-passes, utilities protection culverts, and all associated Electrical, Storm Water Drainage, Utilities protection and relocation and Street Lighting works.



Internal Roads in Kalba and Khorfakkan, Sharjah

Project Description

PROJECT : Internal Roads in Kalba and Khorfakkan, Sharjah

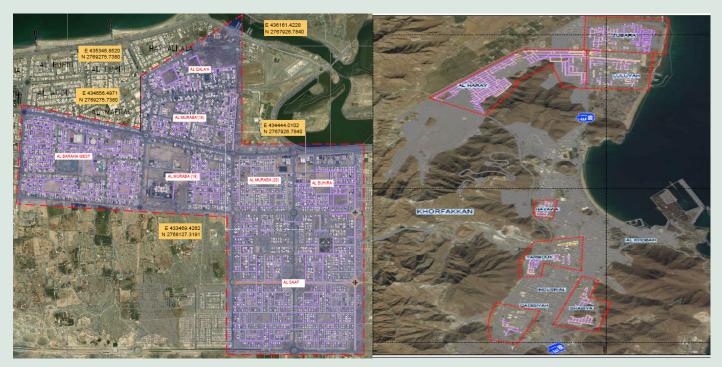
CLIENT : Sharjah Roads and Transport Authority

LOCATION: Sharjah, United Arab Emirates PERIOED: January 2021 – December 2023

VALUE : AED 375 Million SCOPE : Design of:

The project is improvement of Internal Roads in Kalba and Khorfakkan areas.

150 KM new single carriage way roads including off road parking areas, develop the Storm Water Drainage (32 KM main 400-1800 pipes, 2 KM force main, 120 KM of secondary sewer 160-315mm pipes, full operational pumping station), Sewerage (23 KM main 200-800 pipes, 204 KM of secondary sewer 160-315mm pipes, 2 full operational pumping stations), and all associated Electrical, Utilities protection and relocation and Street Lighting works..



Upgrading of Sharjah Al Dhaid Masafi Road (E88)

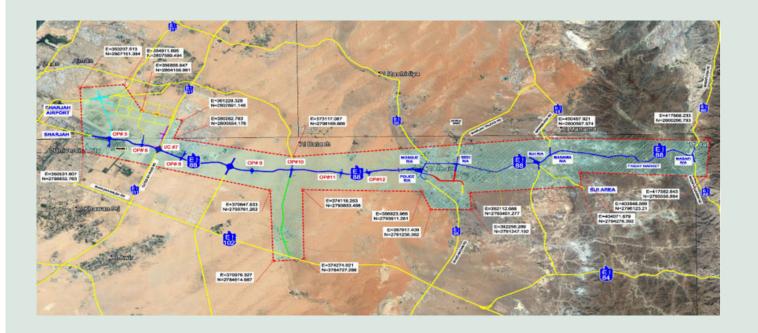
Project Description

PROJECT : Upgrading of Sharjah Al Dhaid Masafi Road (E88)

CLIENT : Ministry of Energy and Infrastructure LOCATION :Sharjah, United Arab Emirates

PERIOED : March 2017 – Ongoing VALUE : AED 950 Million SCOPE : Design of:

Design works for upgrading and rehabilitation of existing Sharjah –Al Dhaid –Masafi Road from interchange (5) to Masafi Roundabout with approximate length of **67 km** including the required upgrading of R.O.W. (i.e. relocation and protection of existing utilities as per relevant authorities' requirements, Study and design of the link road at interchange no. (10) with approximate length of 13 km), Design of Interchange "5", "6", "8", "10" and any new interchanges will be proposed as per the revalidation report output, taking into consideration the proposed solution in the previous preliminary study done for the whole project which should be verified and enhanced or modified if required as per the preliminary study's Revalidation report output, Study and design of the service road connecting the surrounding developments. Study and design of the Link road leading to Al Tallah Area, Evaluation of the existing pavement from I/C No.5 up to existing Masafi Roundabout and provide recommendations report using the existing Asphalt survey test results (IRI, FWD and Skid resistance) conducted/ provided by MOID..



Design of Nawha Bridge

Project Description

PROJECT : Design of Nawha Bridge

CLIENT: Sharjah Roads and Transport Authority

LOCATION: Sharjah, United Arab Emirates PERIOED: September 2022 – June 2024

VALUE : AÊD 7 Million SCOPE : Design of:

The project is improvement of Emirates Road (E611) from Umm Al Quwain Falaj Al Mualla Road (E55) Interchange in Sharjah to RAK Ring Road, UAE.

36 KM new 3 lane dual carriageway, new directional ramp, 4 under-passes, utilities protection culverts, and all associated Electrical, Storm Water Drainage, Utilities protection and relocation and Street Lighting works.



Uprading of Interchange 5 Interchange 6 intersection on Dhaid Road

Project Description

PROJECT: Uprading of Interchange 5 Interchange 6 intersection on Dhaid Road
CLIENT: Sharjah Roads and Transport Authority
LOCATION: Sharjah, United Arab Emirates

PERIOED : September 2022 - Ongoing VALUE : AED 50 Million

SCOPE : Uprading of Interchange 5 Interchange 6 intersection on Dhaid Road





Upgrading of Rakan Bridge & University City Bridge on Maliha Road

Project Description

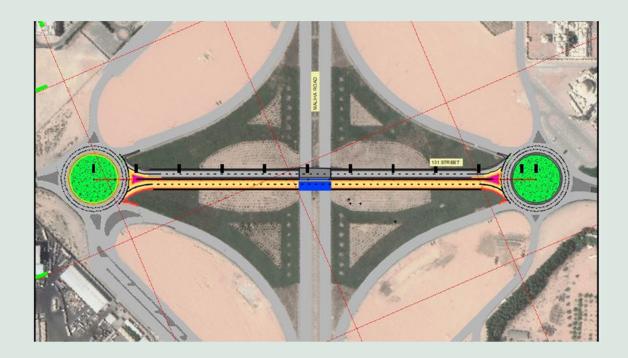
PROJECT : Uprading of Interchange 5 Interchange 6 intersection on Dhaid Road

CLIENT : Sharjah Roads and Transport Authority

LOCATION: Sharjah, United Arab Emirates PERIOED: September 2022 - September 2023

VALUE : AÊD 25 Million

SCOPE : Design of Upgrading of Rakan Bridge & University City Bridge on Maliha Road





Improvement of the Intersection at the Border of the Emirates of Sharjah and Ajman

Project Description

PROJECT : Intersection at the Border of the Emirates of Sharjah and Ajman

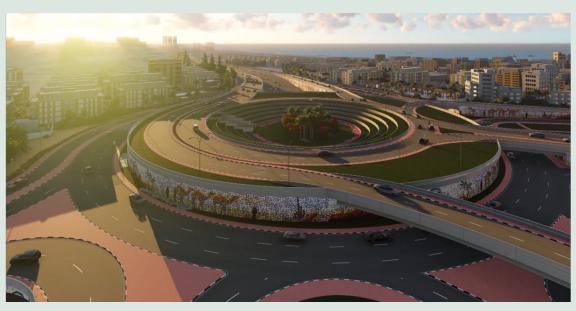
CLIENT: Sharjah Roads and Transport Authority

LOCATION: Sharjah, United Arab Emirates PERIOED: Februaery2017 – December 2017

VALUE : AED 356 Million SCOPE : Design of:

Improvement of the Intersection at the Border of the Emirates of Sharjah and Ajman









Development of Yabsa Bypass Road (E184)

Project Description

PROJECT : Intersection at the Border of the Emirates of Sharjah and Ajman

CLIENT : Ministry of Energy and Infrastructure LOCATION : Fujairah, United Arab Emirates PERIOED : September2011 – June2014

VALUE : AED 179 Million

SCOPE : New truck road bypassing Fujairah town, from Masafi-Fujairah road intersection to Fujairah port

including new Road, Bridges, Underpasses, Storm water and Street Lighting

•Roads – 12 KM two lanes dual carriageway

•Bridges – 2 nos. (1,750 m2)

•Street lighting – 220 light poles; 880 LED luminaire for street lighting; 12km power lighting cables



Continuation of E87 Road from Cement Factory R/A to E99 Road at Al Raheeb Area - Fujairah

Project Description

PROJECT : Continuation of E87 Road from Cement Factory R/A to E99 Road at Al Raheeb Area – Fujairah

CLIENT : Ministry of Energy and Infrastructure LOCATION : Fujairah, United Arab Emirates PERIOED : February 2022 – March2024

VALUE : AED 325 Million

SCOPE : construction of a new truck dual carriageway as a continuation of E87 road between Cement

factory roundabout to E-99 road at Al Raheeb area

• Roads – 12-15 KM two lanes dual carriageway

•MSE Wall – 4,250 m2

Drainage

15 nos of wadi culverts, 22km of channel ditches, chutes, energy dissipators, riprap basin, etc.

•Street lighting – 356 light poles

• Traffic Signal – 1 no



Dualization of Al Faqa'a Road (E14) between E11 and E311

Project Description

PROJECT: Dualization of Al Faqa'a Road (E14) between E11 and E311

CLIENT: Abu Dhabi City Municipality
LOCATION: Abu dhabi, United Arab Emirates

PERIOED : July 2022 - May2025 VALUE : AED 105 Million

SCOPE : Dualization of Al Faqa'a Road (E14) between E11 and E311

The scope of this project includes Dualization of Al Faqa'a Road (E14) between E11 and E311 of

approximate 8.3 km length.



Construction of Dualization and Rehabilitation with Street Lighting for Bida Al Mutawwa-Um Al Ashtan & Um Al Ashtan-Hamra Road

Project Description

PROJECT : Construction of Dualization and Rehabilitation with Street Lighting for Bida Al Mutawwa-Um Al Ashtan

& Um Al Ashtan-Hamra Road

CLIENT : Al Dar

LOCATION :Abu Dhabi, United Arab Emirates PERIOED : July2023 – November2024

VALUE : AED 220 Million

SCOPE : Construction of Dualization and Rehabilitation with Street Lighting for Bida Al Mutawwa-Um Al Ashtan

& Um Al Ashtan-Hamra Road

The project is to upgrade the existing road Bida Al Mutawwa – Um Al Ashtan Road (11 km length) to a dual carriageway 2x2, including the re-construction of the existing carriageway as applicable. In addition to the upgrade and improve the safety of the existing Um Al Ashtan – Al Hamra Road.



Design of Nawha Bridge

Project Description

PROJECT : Design of Nawha Bridge

CLIENT: Sharjah Roads and Transport Authority

LOCATION: Sharjah, United Arab Emirates
PERIOED: April 2024 – December 2024

VALUE : AED 160 Million SCOPE : Design of:

The project is improvement of Internal Roads in different areas of Sharjah City.

28 KM new single carriage way roads including off road parking areas, develop the Storm Water Drainage (37 KM main 600-2600mm dia pipes, 16 KM of secondary 300mm dia. pipes, Sewerage (10 KM main 200mm dia. pipes, and all associated Electrical, Utilities protection and relocation and Street Lighting works.





IDROESSE

INFRUSTTRUCTURE
MIDDLE EAST

SINCE 2007

BUILDINGS

UAE

www.idroesse.com



Our Design Philosophy

At idroesse, we believe in creating spaces that reflect the perfect balance of aesthetics, sustainability, and functionality. Our designs focus on blending modern architecture with environmental responsibility, ensuring that our projects contribute positively to their surroundings.

Sustainable Architecture

We prioritize eco-friendly materials and energy-efficient designs to reduce the environmental impact of our buildings. From utilizing solar energy systems to integrating green spaces, idroesse is committed to sustainable development that benefits both the community and the environment.





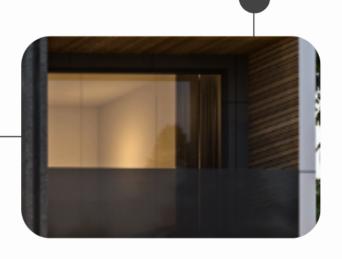
idroesse leverages cutting-edge technology, including 3D modeling, Al-driven design tools, and virtual reality (VR), to create immersive architectural experiences. These tools allow clients to visualize their projects in detail before construction begins, ensuring a clear vision of the final product.

Innovative Technology in Architecture

Interior



Idroesse specializes in creating luxurious yet sustainable interior spaces that blend comfort, style, and functionality. From modern, sophisticated homes to eco-friendly commercial environments, we design interiors tailored to the unique needs and aesthetics of each client

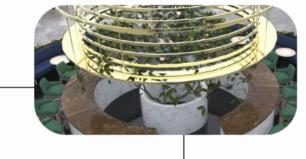


Residential Architecture

idroesse specializes in designing luxurious, yet sustainable residential properties that prioritize comfort, style, and energy efficiency. From modern villas to eco-friendly apartment complexes, we design homes that meet the unique needs and tastes of each client.

Commercial Architecture

We create dynamic commercial spaces that inspire innovation and productivity. Our designs for office buildings, retail spaces, and corporate headquarters combine functionality with sleek aesthetics, allowing businesses to thrive in environments tailored to their industry.





Landscape

Idroesse is also involved in large-scale landscape design projects. We create sustainable and visually engaging environments that enhance communities, integrating green spaces, natural ecosystems, and innovative landscape solutions. Our designs prioritize biodiversity, water efficiency, and outdoor spaces that promote well-being and connectivity with nature





Urban Planning and Infrastructure

idroesse is also involved in large-scale urban planning projects. We design infrastructure that supports growing communities, focusing on efficient transportation systems, green spaces, and smart city technologies that improve urban living.

Our Team of Experts

The idroesse team comprises highly skilled architects, engineers, and designers who bring a wealth of experience to every project. Our collaborative approach ensures that every structure we design meets the diverse needs of our clients, with innovative solutions at every stage.







Sport Buildings



AL NAHYAN STADIUM UPGRADING





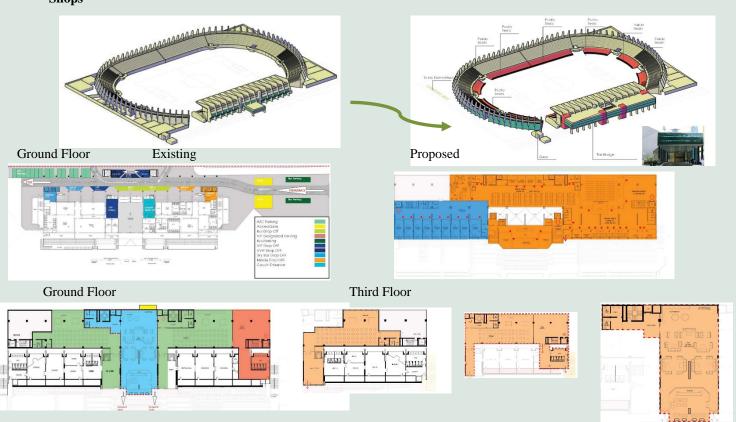
AL NAHYAN STADIUM UPGRADING

PROJECT : Al Nahyan Stadium
CLIENT : Al WhadaSports Club

LOCATION: Abu Dhabi

PERIOED : Jun.2018-Nov. 2018 VALUE : 66,000,000.00 AD

SCOPE : Up grading and refurbishment for The building & Stadium, Adding new Building, VIP Entrances, New Gate, Service Buildings Stadium Seat Extinction, Converting all spaces beneath Stadium Grandstand to Commercial Shops



Second Floor VIP Lounge VIP Lounge & Media VVIP Lounge

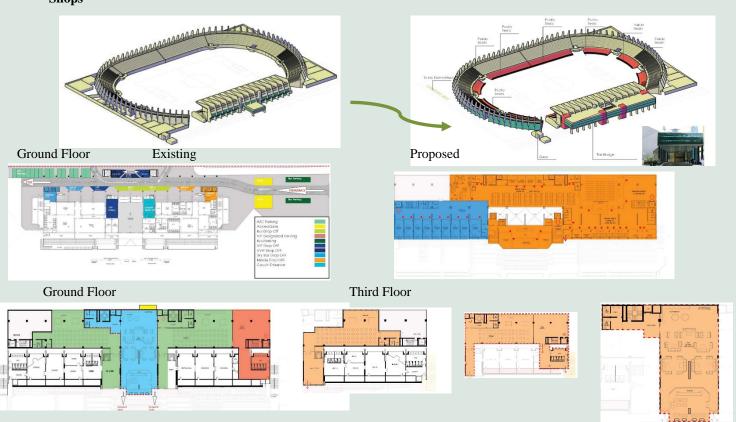


PROJECT : Al Nahyan Stadium
CLIENT : Al WhadaSports Club

LOCATION: Abu Dhabi

PERIOED : Jun.2018-Nov. 2018 VALUE : 66,000,000.00 AD

SCOPE : Up grading and refurbishment for The building & Stadium, Adding new Building, VIP Entrances, New Gate, Service Buildings Stadium Seat Extinction, Converting all spaces beneath Stadium Grandstand to Commercial Shops



Second Floor VIP Lounge VIP Lounge & Media VVIP Lounge













PROJECT :H.H. Mohammed Bin Zayed Stadium

CLIENT : Abu Dhabi Sport Council

LOCATION: Abu Dhabi

PERIOED : Nov.2021-Feb. 2022 VALUE : 34,830,260.00 AD

SCOPE : Phase-1, Design & Inspection, Refurbishment stage for the existing building and sport court,

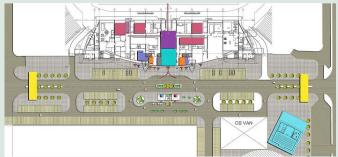
adding new media Studio, Interior Design and the internal roads & parking

Phase-2, New Design in two proposals for the External elevations, main Gate and the mosque.

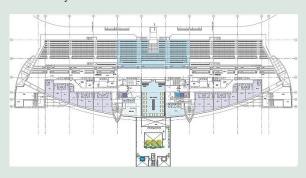
Phase-3, Design the retractable roof

Phase - 1

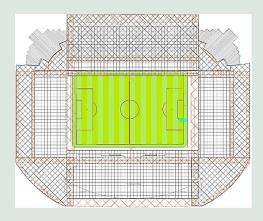
Ground floor



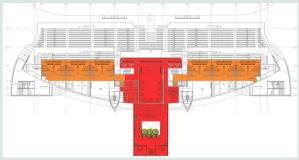
Third Floor Layout



Retractable Roof Layout



Second Floor



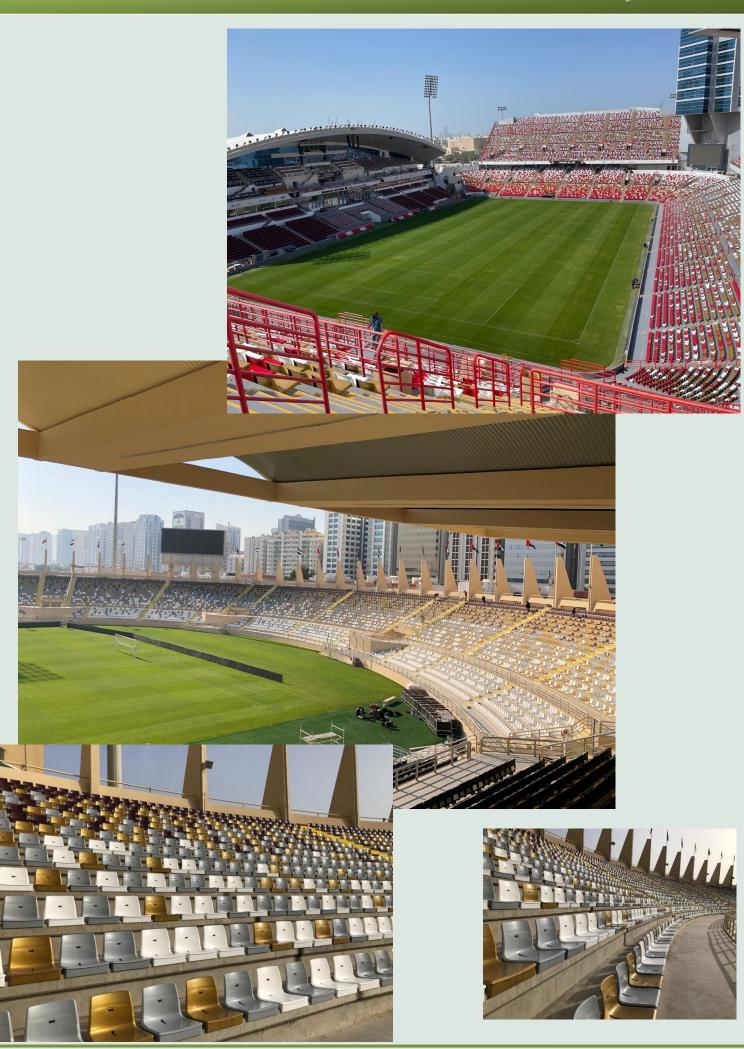
Fourth Floor Layout

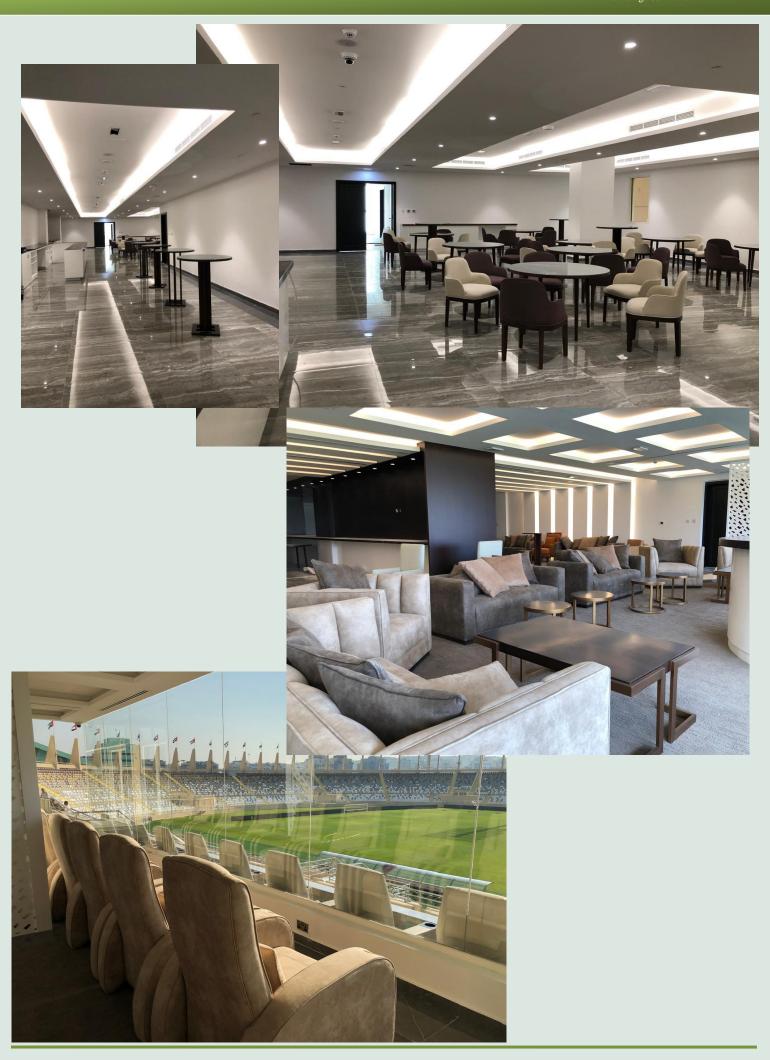


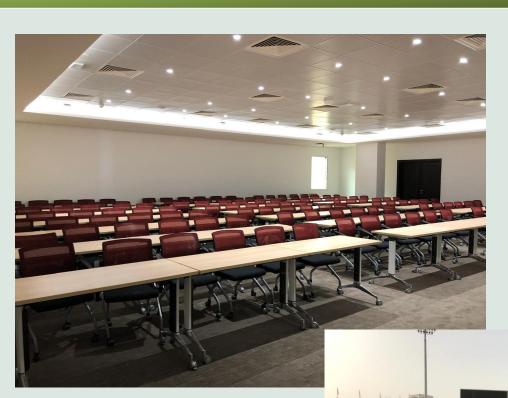
Location





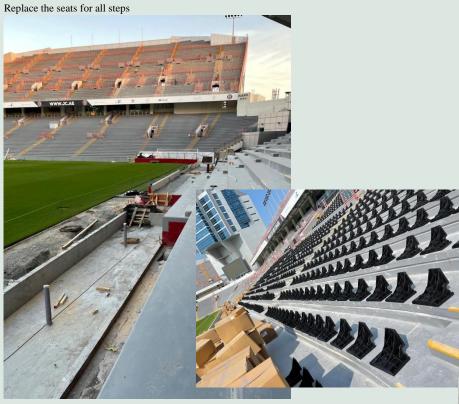


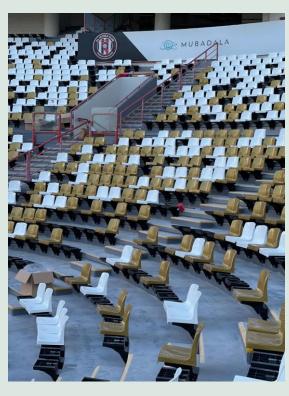












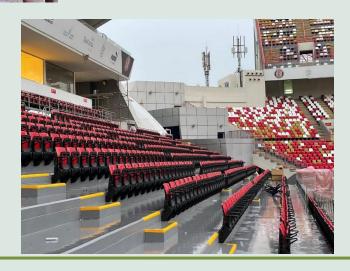






Adding the new Media Studio









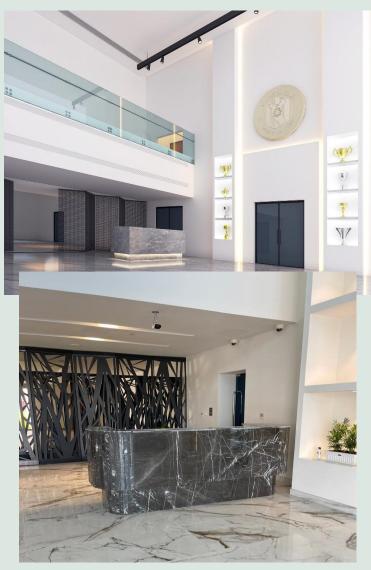


External Works



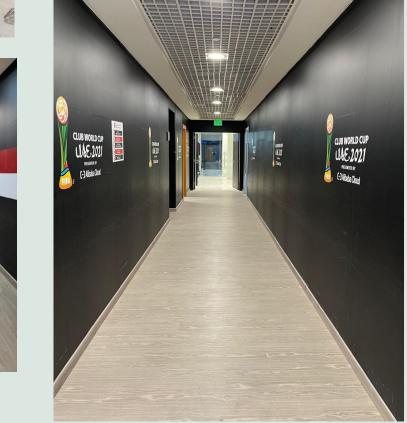
Main Entrance











First Floor



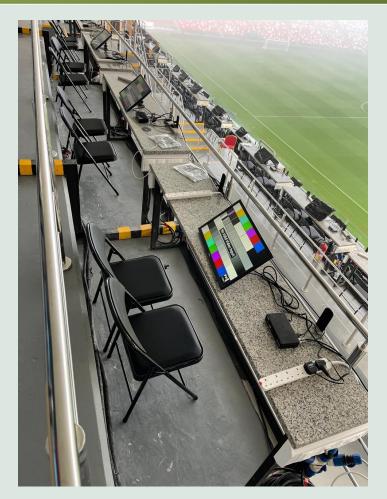


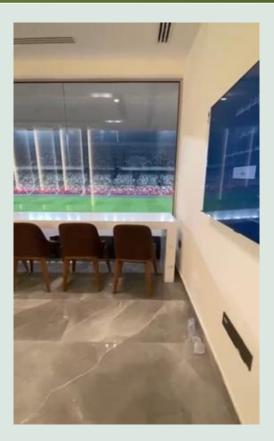






Media Room Commentator Room











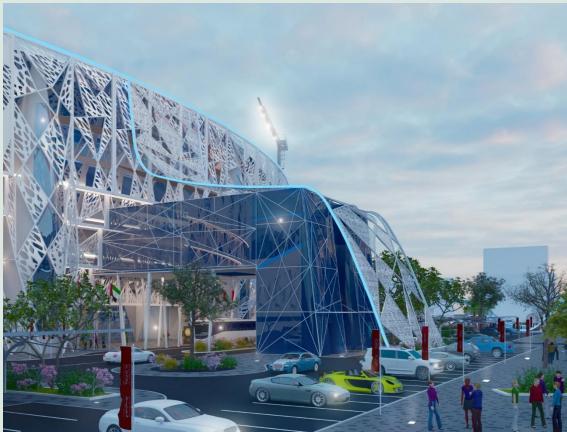
Phase - 2

Option-1: Upgrading the elevations with the Gate & adding new Mosque.



Front Elevation





VIP Entrance

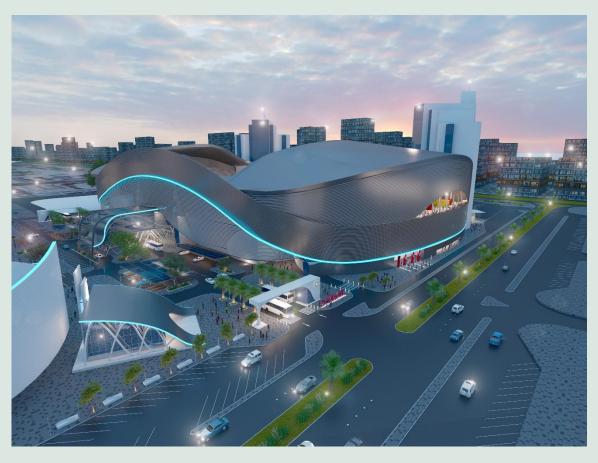
Phase – 3

Option-1: Design the retractable roof



Option-2: Upgrading the elevations with the Gate & adding new Mosque & New Gate















Bany Yas Stadium Concept

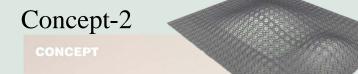




Covered Stadium Proposals Concept -1





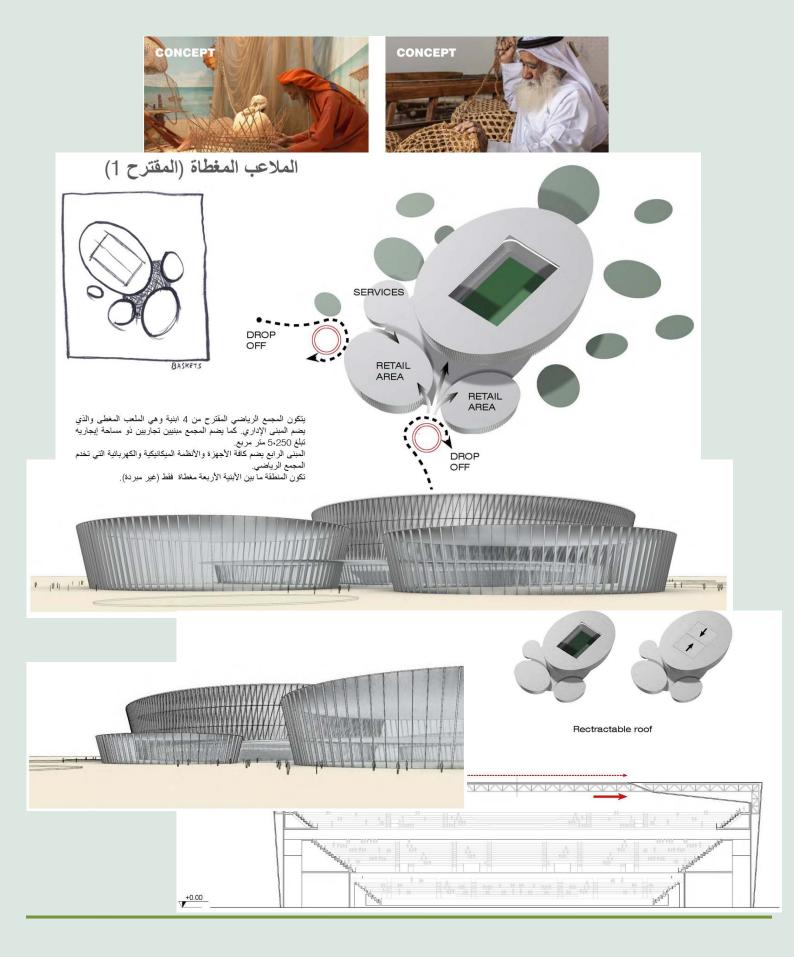








Concept_3



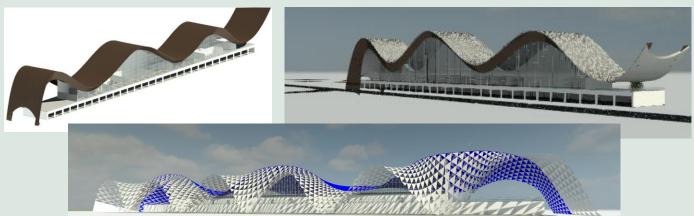
PROJECT : Al Qlaa track race in Smahaa - Abu dhabi

CLIENT : Abu Dhabi Sport Council

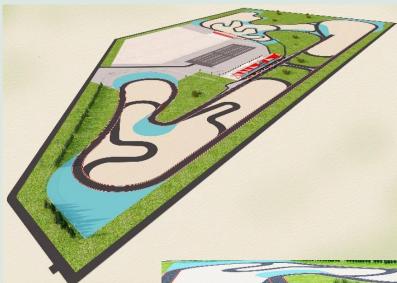
LOCATION: Abu Dhabi

PERIOED : Aug.2022-Sep. 2022 VALUE : 150,000,000.00 AD

SCOPE : Design & Inspection, Racing paddock building



Concepts



ARIAL VIEW

TOP VIEW





PADOWK BACK ELEVATION



PADOWK FRONT VIEW-2





GARAGE VIEW

PROJECT: Media Building

CLIENT : Zayed Cricket Stadium

LOCATION: Abu Dhabi

PERIOED : Aug.2022-Sep. 2022 VALUE : 150,000,000.00 AD

SCOPE : Design & Inspection, Racing paddock building

Option-1



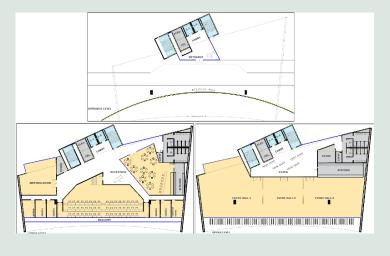


Option-2



Option-3







PROJECT: Sport facility in western region

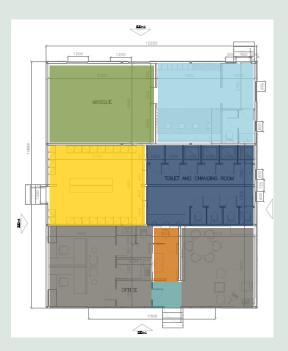
CLIENT : ADSC

LOCATION: Abu Dhabi-Gayathi, Sila, dalma, Mirfa1&2

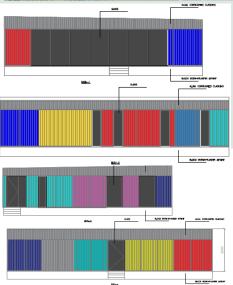
PERIOED : Aug.2022-Sep. 2022 VALUE : 20,000,000.00 AD

SCOPE :Concept Design For The Sport Facilty With Services

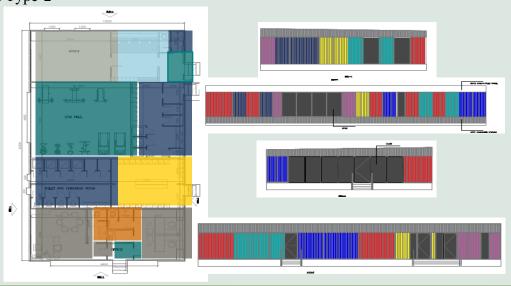
Porta cabin Type-1





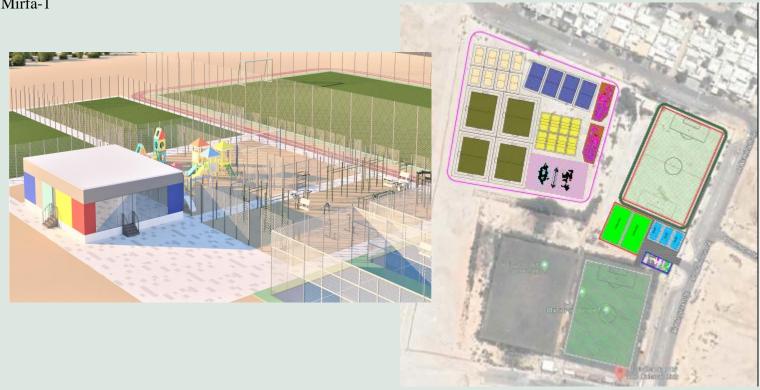


Porta cabin Type-2









Mirfa-2



PROJECT : Community Sport Center
CLIENT : Abu Dhabi Sport Council
LOCATION : Abu Dhabi- Sila & MZ
PERIOED : Oct.2023-April. 2024
VALUE : 31,059,350.00 AD

SCOPE : Phase-1, finalizing the non-finished works for Civil, Architectural

& MEP works with Authority approvals

Phase-2, Upgrading the Existing Building with New Modern Design

Phase -1 MZ







Sila

















Phase -2







AL JAZEERA STADIUM UPGRADING



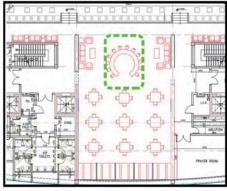
AL JAZEERA STADIUM VIP LOUNGES UPGRADING















INSPIRATION FOR VIP LOUNGE, 2nd FLOOR, OPTION-02



AL JAZEERA STADIUM

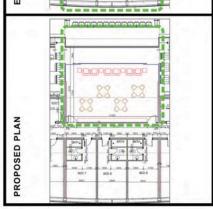












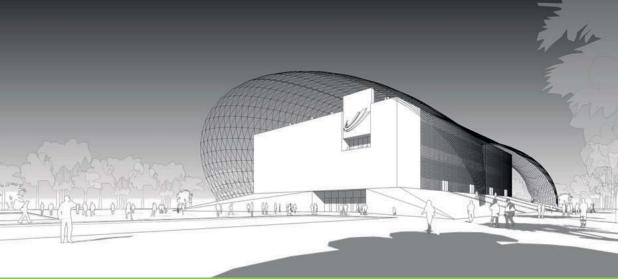


INSPIRATION FOR VIP LOUNGE, 4th FLOOR, OPTION-02

idroesse infrastructure

AL JAZEERA STADIUM





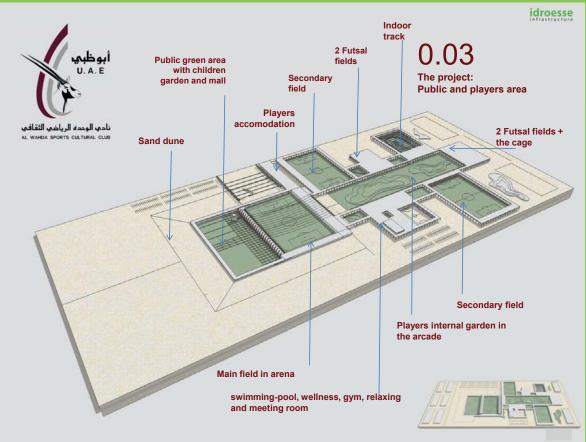


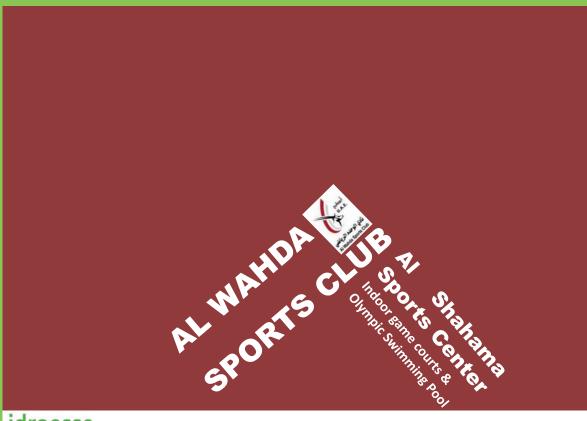


ABU DHABI SPORTS COUNCIL









idroesse infrastructure

nfrastructure idroesse infrastructure – Abu Dhabi Khalidiyah, Al Muhairy Center, Offices Tower, 3rd floor Tel: +971 2 4475566, Fax: +971 2 4477641 E: Info@idroesse.com W: www.idroesse.com

Sketches



Fig. 1 Sample of main facade layout



Fig. 2 and 3: Sample of main facade layou

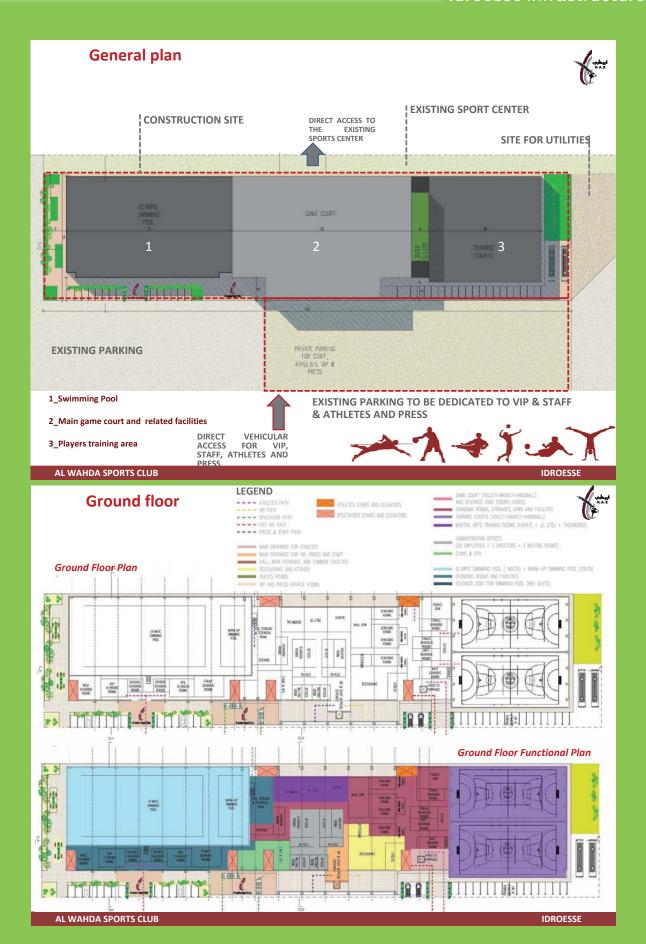


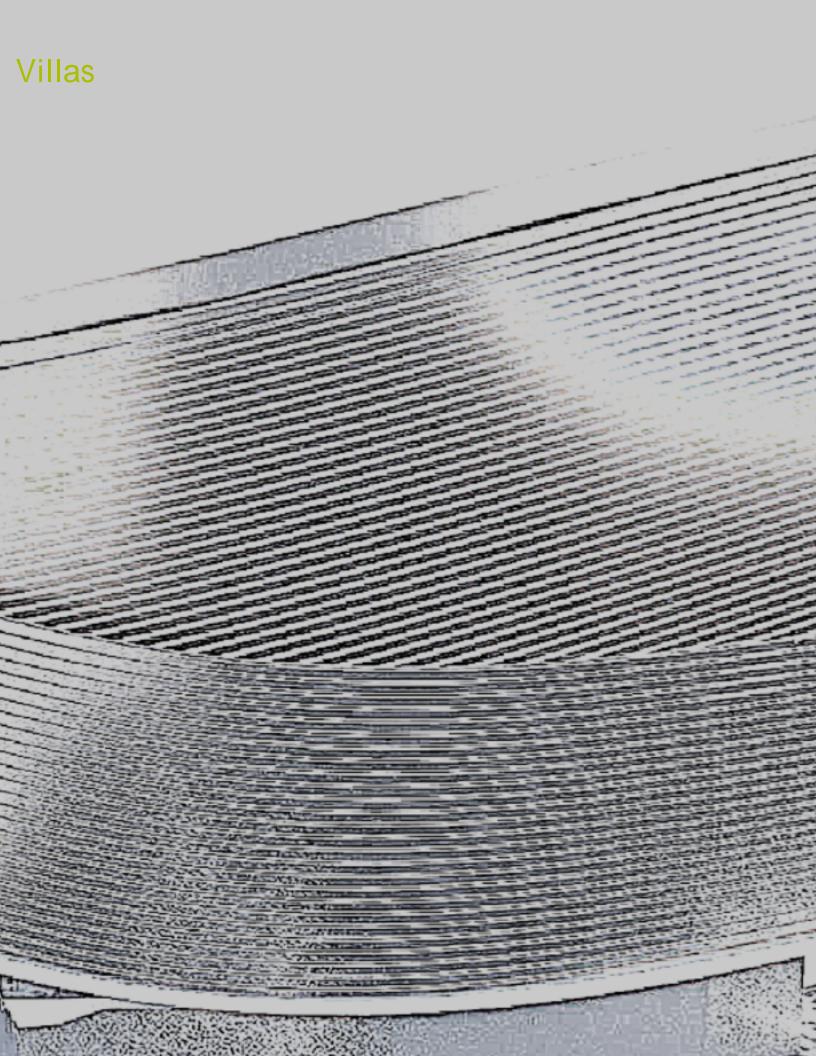
Daytime view of the main entrance



Fig. 4: facing bricks
Good to protect walls
Low supply and installation costs
Low maintenance and operations costs
Produced in different colors that can
match the client's logo







PROJECT : Privet Villas

LOCATION: UAE

SCOPE : Exterior Design













Offices Buildings

Olympic Park Broadcast Building



PROJECT : Abu Dhabi Sport Council HQ CLIENT : Abu Dhabi Sport Council

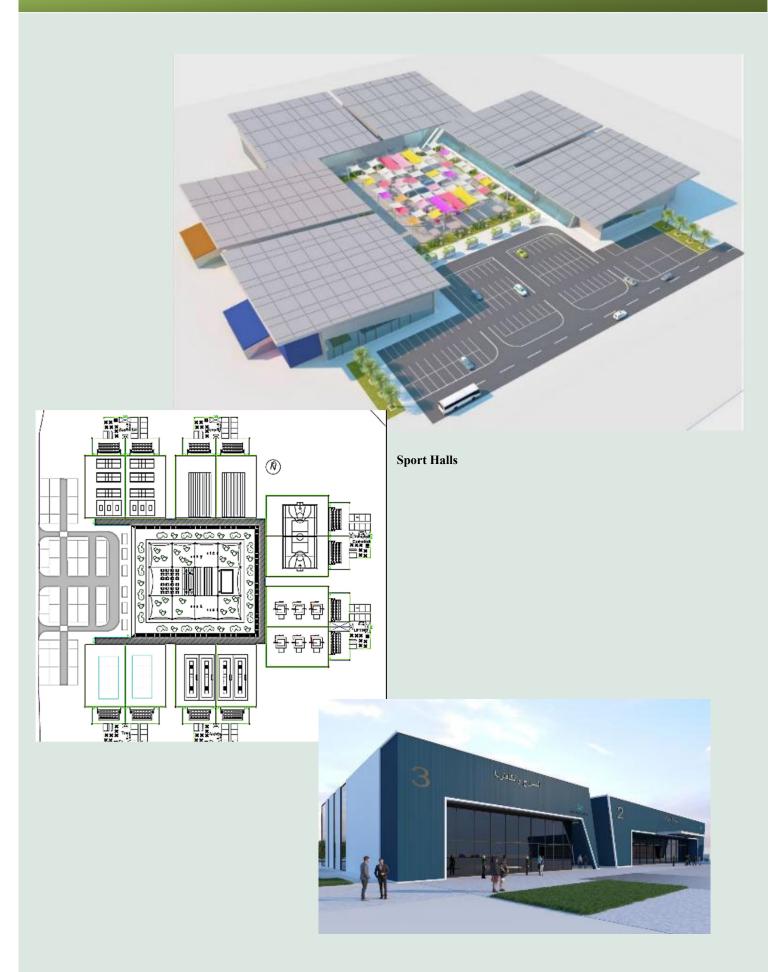
LOCATION: Abu Dhabi

PERIOED : Feb.2022-Sep. 2023 VALUE : 60,000,000.00 AD

SCOPE : Design & Inspection, Six Buildings to be as Offices then to transferee to Sport Halls.







Offices Interiors



PROJECT : Abu Dhabi Racket Club

LOCATION: Abu Dhabi

CLIENT

PERIOED : Aug.2024-Sep. 2024 VALUE : 15,000,000.00 AD

SCOPE : Concept Design for a Racket Club Halls.

: Abu Dhabi Sport Council





Option-1











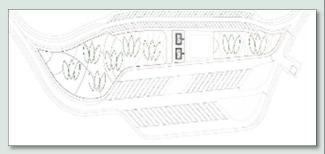
PROJECT : AL AIN NORTHEN RING ROAD- LANDSACPE-CONCEPT STAGE

CLIENT : Al Ain Municipality
LOCATION : Abu Dhabi- Al Ain
PERIOED : Aug.2022-Sep. 2022
VALUE : 2.3 Billion AD

SCOPE : Design Of Northern Ring Road Extension And Al Ain-Sedira Road Project In Al Ain City

(33 Km Length). Including 9 new interchanges & Rest Buildings

REST AREA BUILDING PROPOSALS





OPTION-1



OPTION-2



Villas Interior

PROJECT : Privet Villa CLIENT : Mr. Al Dahiri

LOCATION: RAK

PERIOED : Jan. 2025
VALUE : 6,000,000.00 AD
SCOPE : Interior Design













Offices Buildings& Interior

PROJECT : ADSC Office

CLIENT : ADSC

LOCATION: Abu Dhabi- Al Ain
PERIOED: Aug.2022-Sep. 2022
VALUE: 30,000,000.00 AD

SCOPE : Interior Design for the ADSC Offices & Fit out

Offices & Fit out



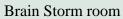


Majlis



Meeting Room s

















Corridor

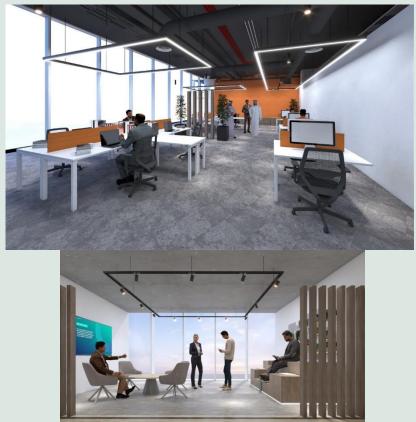












Workshops





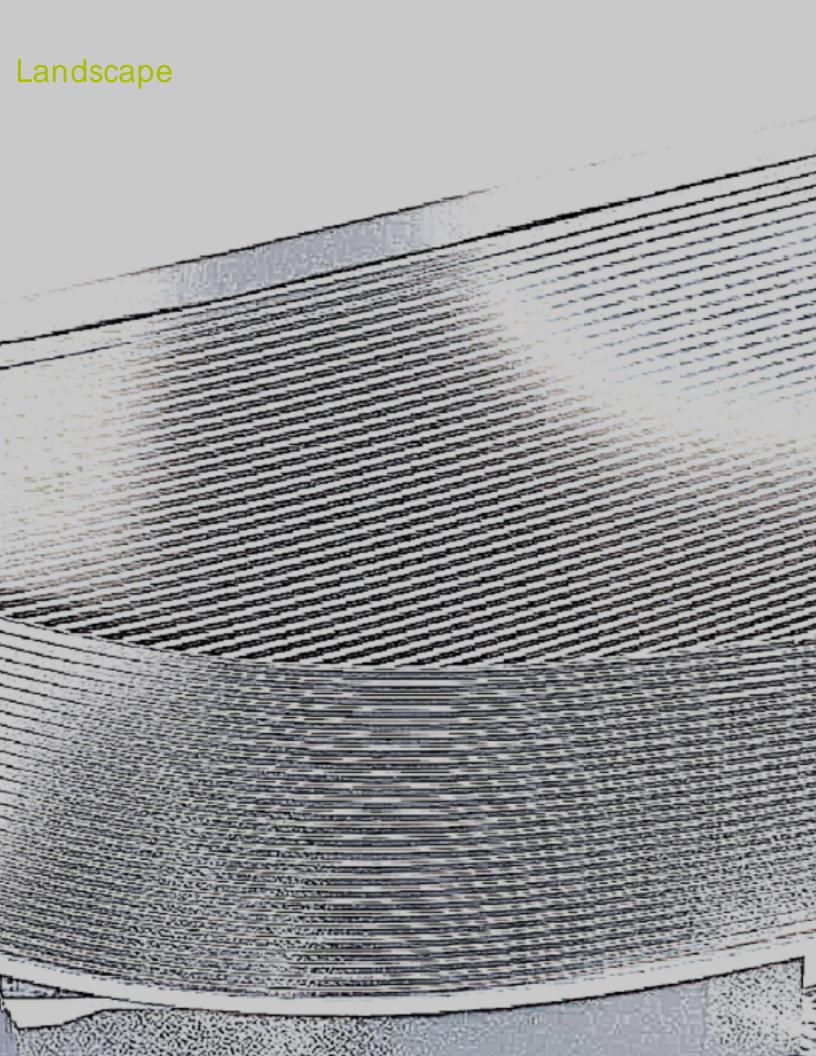
Workshops





Restaurant





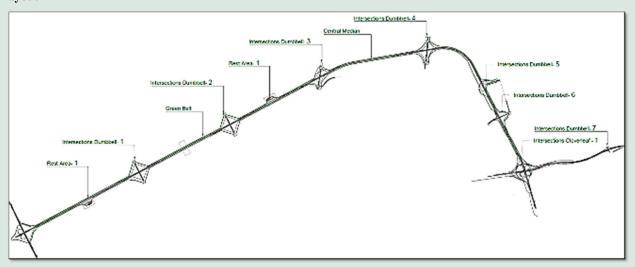
PROJECT : AL AIN NORTHEN RING ROAD- LANDSACPE-CONCEPT STAGE

CLIENT : Al Ain Municipality
LOCATION : Abu Dhabi- Al Ain
PERIOED : Aug.2022-Sep. 2022
VALUE : 2.3 Billion AD

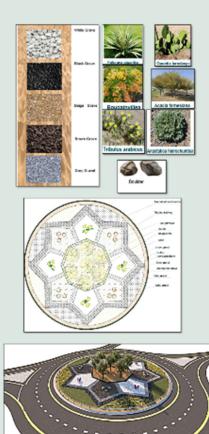
SCOPE : Design Of Northern Ring Road Extension And Al Ain-Sedira Road Project In Al Ain City

(33 Km Length). Including 9 new interchanges;

Road Layout

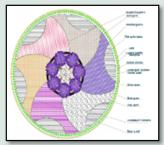


Round about Proposals Option-1



Option-2

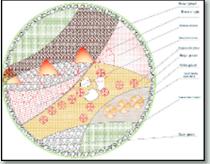






Option-3







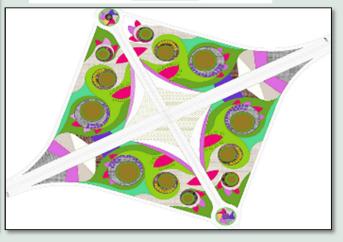
DUMBBLLE & ROUNDABOUT PROPOSALS

Option-1











CLOVER LEAF PROPOSALS

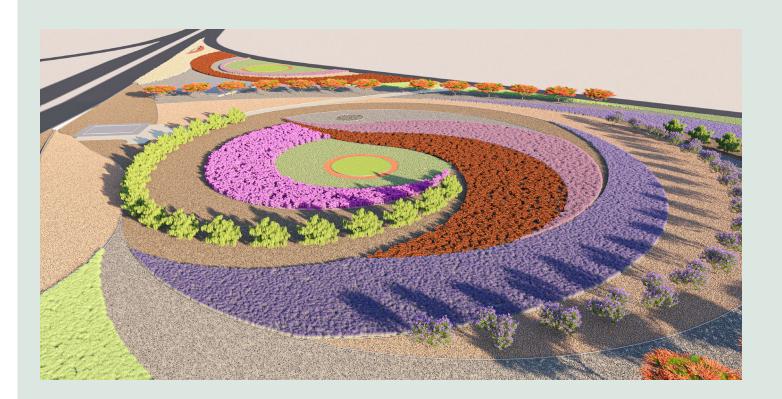
Option-1





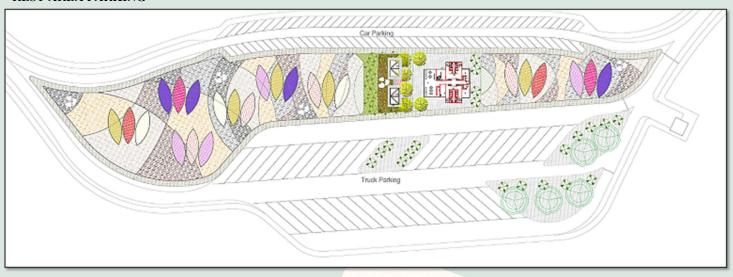
Option-3







REST AREA PARKING





idroesse infrastructure



idroesse infrastructure

idroesse infrastructure – Middle East

Khalidiyah, Al Muhairy Center, Offices Tower,

3rd floor

PO Box 52645 Abu Dhabi - United Arab Emirates

Tel: +971 2 4475566, Fax: +971 2 4477641

E: info@idroesse.com

www.idroesse.com