

PROJECTS REFERENCE LIST-2023

NO.	PROJECT NAME	CLIENT	YEAR / STATUS	SCOPE OF WORK	SERVICES
1	Concrete Rehabilitation and Waterproofing of deteriorated surfaces at King Fahad Int. Airport Facilities (KFIA-Phase 2)	Dammam Airports Company	2023 / RUNNING	The project was just signed & the project scope involves the corrosion repair by form & pump at different locations , Replacement of Bridge joints , waterproofing & protective coatings , leakage repair & crack injection .	Concrete Repair & Structural Strengthening
2	Maintenace of SNB HQ Facade- Jeddah.	SNB / SHEC Office	2022	Cleaning stone façade by Chemical Scrubbing, and replacement of joint sealant mastic. The Buiding is considred the 3rd highest marble finished building in the world.	Renovation
3	Waterproofing of SOJECO Potable Water Tanks. Tank A @Obhur and Tank B @ South Corniche Jeddah.	SAWACO Water Desalination	2023 / RUNNING	The scope of work involved - Internal surface preparation of the tank and application of hot applied Polyurea Coating @ a thickness 2000-3000 microns using Graco HXP-2 Machine using NUKOTE POLYUREA.	Repair and Waterproofing of Water Tanks
4	KAUST - Hotel Building MOBCO	Isam Kabbani (IKK)	2022	Coring in reinforced concret structure	Diamond coring
5	Zahid Business Park CMD	Nesma United	2022	Surface Repair by Sika EPO720	Repair & Grinding
6	Jawahra Mall Jeddah	Nesma United	2022	Cutting & coring in different elements ,epoxy coating	Epoxy and coring cutting
7	Geophysical Investigation and Condition assesment of Soil bedding - Jeddah Historical Building -Al Balad Area	Ministry Of Culture (MACC, National Heritage Bldg Cont. Est.)	2022	The Scope of work involved Geophysical Investigation & conditions assessment of soil beneath the below building. MACC : (1) Beit Al Ashmawi (2) Beit Al Hazzazi (3) Beit Al Nazer (4) Beit Al Shehata. NHBC : (1) Nour Wali (2) Al Nazlawi Ashour.	Geophysical Investigations & Condition assessment of Soil
8	Soil Mitigation measures in selected facilites @ RABEC plant - phase 2)	Acwapower - RABEC	2022 / RUNNING	The scope involved the repair of soil settlement beneath Generator building by Resin permeation grouting , soil improvement of Dyke pond walls by cement grouting , Stabilization of GRP concrete pipe encasement & soil mitigation measures beneath Two live HV transformers by performing horizontal permeation grouting & inclined compaction grouting works beneath the foundation of the transformers.	Concrete Repair & Structural Strengthening
9	Repair of Joint sealant - 5 APRONS at King Abdulaziz International Airport (KAIA)	Jeddah Airports Company	2022 / RUNNING	The project scope involves the removal of the deetriorated mastic sealant in the expansion joints & apply hot applied sealant using sealant melter. Cracks are also routed by crack routers & filled with hot applied sealant . (project no 4)	Concrete Repair & Structural Strengthening
10	Repair of deteriorations @ Arabian Saudi Glass Factory basement	Saudi Arabian Glass Factory - Jeddah industrial city	2021	Corrosion repair of columns , ceiling & walls in the basement of Glass factory and construction of new furnace foundations and walls .	Concrete Repair & Structural Strengthening
11	Condition Assesment of Soil beneath Al Jokhadar and Qabil Houses @ Jeddah Historical City	Ministry Of Culture / SETS/ Dr. Gaffer Sabbagh office	2021	Perform seismic MASW Analysis Below Two Old Buildings in Jeddah Historical City & perform Condition assesment of soil bedding the same buildings to asses the physical & mechanical properties of the soil beeat the building by support of third party Geotech & Geophysical team in Europe.	Structural Health Monitoring Systems
12	Strengthening Of Colmns @ Al KeswahTowers Hotel in Makkah Central Area .	Abraj Al Keswah Towers- Makkah / SHEC	2021	Construction Of RC Jackets by Form Of Pump Technique to accomodate the punching shear stresses.	Strengthening by CFRP / GFRP Wraps & Laminates
13	Shared - Saudi Operation Building	Al Mabani Gen.Contracting	2021	Epoxy coating for car park 23,000 sq.m.	Epoxy Coating

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14	Repair of FGD and MSF water retaining Structures @ SWEC Power plant in Shuaibah	Shuaibah Water & electricity CO. / SWEC-member of Acwapower group	2020	Online repair of Deteriorated concrete surfaces of Foundations , walls & floors @ FGD Reservoirs & seawater channels . The Scope involved the repair by Form & pump methodology , installation of sacrificial anodes & application of Protective Coatings @ splash zones of submerged walls & foundations .	Strengthening by CFRP / GFRP Wraps & Laminates
15	Haram Makkah 1st Ring Road Project	Saudi Binladin Group Haram Division	2020	Concrete work on bridge deck , chipping of surface , cleaning drilling hole for dowels fixing dowels and fixing of reinforced steel ,pouring of concrete and leveling	Reinforced - concrete work
16	Soil Mitigation measures Beneath Two RC pipe encasement / culverts	Acwapower - RABEC	2020	Construction of Micropiles to underpin new constructed RC slab, Controlled compaction grouting beneath GRP lines attached to the Encasements to ensure the compaction of the bedding layer , Section enlargemnts of RC encasements & installation of monitoring system to ensure the stability of the encasement after the corrective measures.	Underpinning
17	Condition Assesment of Soil bedding GRP lines	RAWEC/ Rabigh water & Electricity CO.	2020	Geophysical & Geotech. surveys and RCA were conducted for soil bedding burried GRP cooling water line subjected to break incidents . The scope was implemented by support of third party Geophysical & Geotech. Teams in europe.	Soil Geophysical Investigations
18	Soil Mitigation measures @ RABEC Facilities	Rabigh Electricity Co. / Acwapower Group	2019	Soil mitigation measures beneath selected structures to control the soil settlement. The project scope involved Soil permeation grouting using resin injection 2. Perform Controlled Compaction Grouting using a European patent compaction grouting methodology. Design & installation of long term real time settlement monitoring system @ selected facilities across the plant to verify the effectness of the mitigation measures on the long term. Validation of mitigation measures were conducted by Geophysical scanning & Geotech. test	Permeation / Compaction Grouting
19	Soil Mitigaion Beneath Beit Al Daffa - Jeddah, Historical City	Ministry Of Culture / SETS	2019	Soil improvement by Permeation Grouting With PU Resin & perform Validation Testing Using Geophysical method .	Premeation Grouting
20	Geophysical Investigation and Condition assesment of Soil bedding Heavy Cude Fuel Tanks.	Saudi Electric CO. SEC/ Power Consult	2019	Design & Installation of Settlement Monitoring System for two 100 m Dia. Fuel Tanks @ SJTTP , perform Geophysical and Geotech Survey , Perform condition assesment & RCA for live settlements in the subject tank and Develop Mitigation Solution in ccoordination with third party Geophysical , Geotech & foundation Engineering teams in Europe.	Historical Buildings
21	KING ABDUL AZIZ AIR PORT JEDDAH	Isam Kabbani (IKK)	2019	Expantion joint fixing at KAIA bridge Jedd. Cutting of Asphalt ,removal disposal , to make bedding by poxy mortar , drill coring for fixing of stud , palcing of joint , filling of Transition strip by wabcrege	Bridge Exp. Joint
22	MOI Housing Jamoom Kabbani	Beijing Emerat (BEC)	2019	Concrete ,screed & Epoxy coating	concrete & epoxy
23	Shared - Saudia Operation Building	Al Mabani Gen.Contracting	2019	Painting work 2500sq.m	Painting Works

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24	Geophysical and Geotechnical investigation for Soil Bedding two GT transformers in RABEC power plant.	Rabigh Electricity CO. Acwapower	2018	Perform ERT investigation for purpose of allocating the Soil anomalies beneath Live transformers and develop mitigation Solution for the soil bedding the said transformers footings. The scope was done in cooperation with Third party Eurpoean Geophysical team , Geotech. & foundation Engineering. Teams as well.	Structures & MEP facilities
25	Rehabilitation of Strategic North water reservoirs @ KAIA .	GACA	2018	Corrosion repair using Gunite methodolgy & form & pump , crack injection & coating plus replacment of MEP network by new HDPE network & fittings . Project involved the construction of supporting civil facilities & installation of SACADA control system.	Restoration Of Old Building
26	Rehabilitation of Existing lift station @ KAIA .	GACA	2018	Replacement of MEP network pipes , valves & pumps @ existing lift station . The project scope involved the working without affecting the operation of the Airport sewage management system.	Restoration Of Old Building
27	King Abdulaziz Int'l Airport (KAIA)	SBG ABCD JED.	2018	Coring & Cutting	Coring & Cutting
28	Rehabilitation of walls & ceiling @ elevated RC water tanks in SAWACO water treatment plants in Jeddah.	S.W.A.C.O.	2018	Repair of deteriorated tank ceiling by form & pump technique ,application of Polyurea protective lining on the inernal walls & floors of potable water reservoirs.	Strengthening by Section enlargment
29	Modification works @ Global Gypsum Co. - Yanbu	Global Gypsum Co.	2017	Civil work including construction of steel structures and modificatio of the existing concrete supporting RC beams & slabs.	Stone Facade Maintenace
30	Rehabilitation of Makkah Tunnels and Bridges	Makkah Municipality	2017	Crack injection ,installation of drainage system & application of Anti carbonation protective painting.	Cathodic Protection
31	Repair of leakage in Bin Abboush Hotel - Jeddah	Sheikh Salem Bin Abboush	2017	Repair of leakage using injection of PU resin and by application of crystalline repair & coating system from Kryton Canada.	Cathodic Protection
32	Renovation of Two male & female Toilet Units @ KAIA south terminal .	GACA	2016	Complete refurbishment of Civil , Architectural & MEP items of the male & female Airport toits in KAIA - domestic arrival zone.	Stone Facade Maintenace
33	Repair Of cracks & application of Protective paint @ North Sewage lift station - Jeddah	NWC	2016	Dry & wet Crack injection & protective coating @ Walls of main shaft in the main North Jeddah lift station .	Repair Of Leakage
34	REPAIR OF leakage in 4 meter Dia. GRP PIPES joints, Rabec Power Plant - RABEC.	Acwapower - RABEC	2016	A multi-component aqueous resin and acrylic gel were used. Stop leaks in pipe joints and get them dry them before applying GFRP lamination kits by Sky Jeddah team. The job was critical due to Location of the burried pipes below water table , pressure of leakage & the limited time frame.	Strenthening by PT
35	REPAIR OF SIDE WALLS - Al-Salam underpass, Jeddah	Jeddah Municipality	2015	Deteriorated concrete of walls was chipped and removed to uncover corroded reinforcing steel bras. Cathodic Protection elements were attached to the rebars after the surface preparation works were completed. Form and Pump procedure was employed to reinstate the concrete walls.	Strenthening by PT
36	Refurbishment of chilled water airconditioning system @ KAIA north & south terminal .	GACA	2015	Replacement of coils & Fans & installation of temporary AC system during shutdown of existing one .	Polyurea Lining

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37	APPLICATION OF PROTECTIVE COATING SYSTEM TO DIFFERENT BRIDGES - Makkah	Makkah Municipality	2015	Preparation works were carried out to improve the quality of the concrete surfaces of the bridges using the sandblasting procedure. Components of anti-carbonation protective coating system were mixed and applied to the prepared concrete surfaces following the instructions of the manufacturer.	Renovation
38	Repair of construction defects in Haram Expansion project - Makkah .	SBG	2015	Repair of honey combings & segregations in 80 Mpa slab soffits & Beams using Form & pump methodology.	Joints Sealing
39	Rehabilitation of Al Kaaki commercial center in Madina road - Jeddah	Al Kaaki trading Co.	2015	Corrosion repair of concrete slab soffits , beams & columns using "form & pump" Repair methodology.	Repair Of Cracks
40	Haram Makkah Angary Wall Cutting Project	Mohammed Binladin	2015	Cutting of wall into samll pieces by Diamond cable	Cable cutting
41	Al Salam Palace	AWTAAD	2015	Cutting & coring in different elements	Coring & Cutting
42	Rehabilitation of selected structures @ KFIA - Dammam : 6 bridges, 4 cooling towers, Basement floors & walls, parking slabs & beams, Bridge Abutment walls & slabs, PCC Apron pavements .	KFIA - Dammam	2014	Corrosion repair of deteriorated concrete surfaces at foundations ,floors , columns ,walls , beams & ceiling using "form & pump" technique , crack injection structural strengthening using CFRP wraps & laminates , replacement of airside pavement joints sealant.	Repair Of Cracks
43	Kamal international	HITON MAKKAH	2014	Elevators Door Openings	Coring & Cutting
44	Mataaf Haram Projet	SBG ABCD	2013	Cutting Minarets and structures	Cable cutting
45	Rehabilitation of strategic South water reservoirs @ KAIA	GACA	2012	Corrosion repair using Gunite concrete and " form & pump" method , crack injection & Protective coating . The old MEP network was replaced by new HDPE network with all corresponding valves & SCADA control system.	Repair of deterioration
46	Repair / replacement of 400 HZ cables @ KAIA airside taxiway .	GACA	2011	Perform NDT inspection of the old 400 Hz ducts using cctv camera & Replacement of existing 400 HZ cables in the airside after constructing new ducts.	Fireproofing
47	Kamal international	Hilton Makkah Towers	2011	Door Opening & Strengthening	Strengthening of door opening
48	Development of load center# 1 @KAIA	GACA	2010	Civil modification works were done in the water channel to meet with new cooling system implemented by KAIA .	Revonation
49	Concrete Repir of Safari Hotel Basement Garage	Safari Co.	2009	The repair works were carried out using pre-bagged special construction materials with all ancillary products such as bonding agent and curing compounds.	Strenthening by PT
50	Concrete Repair of SevenCells At Load Center - King Abdullah Airbase in Jeddah	Safari Co.	2009	Perform repair of deteriorated surfaces , The CFRP sheets were used to strengthen columns & beams . Upon completion of all repair works, different types of protective coating systems were used to provide extra protection to the concrete surfaces on which they were applied. Epoxy flooring systems, epoxy polyurethane coating systems, anti-carbonation coatings and cementitious waterproofing coatings are examples of the protective systems applied.	Strenthening by PT
51	Head Quarter Office Zuhair & Faiz Partners Consultant	Zuhair Faiz Consultant	2005	Concrete Repair Cutting & Controlled demolition	Repair & Cutting