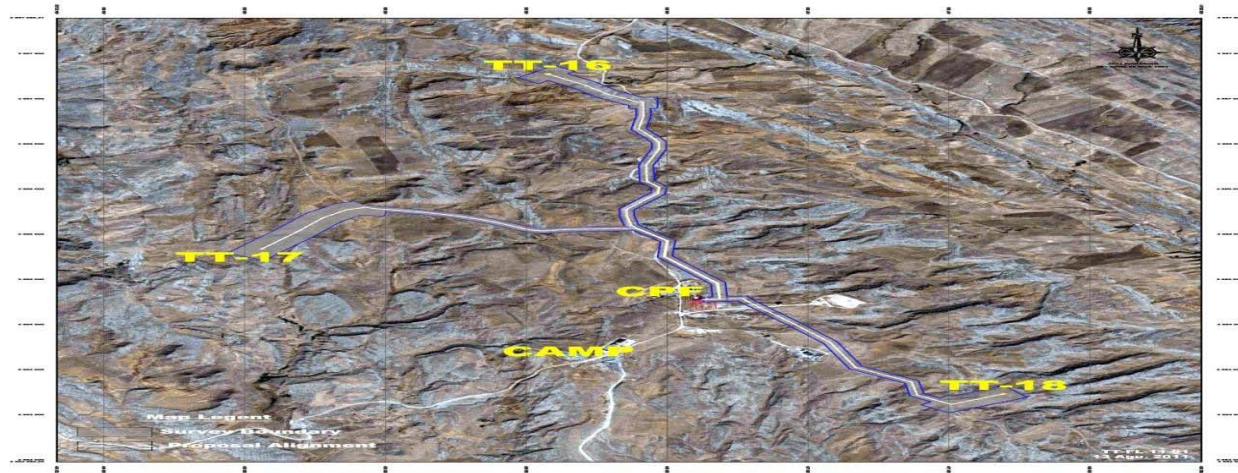




Past Experience

REV_10/2019



Past Experience

NO	Name Of Project	Description Of Work	Client
1	Dohuk Water Supply Project	110 Km Water Supply Project; <ul style="list-style-type: none"> • Topographical Survey Works • Engineering Design Services 	Dohuk-Gov+Ohitan Cons. Company
2	Kore-Shaqlawa-Harir-Qandil Road Project	51 km Road Project; <ul style="list-style-type: none"> • Topographical Survey Works • Engineering Design Services 	Yuksel Cons.Company
3	Erbil - Koya Road Project	66 km Road Project; <ul style="list-style-type: none"> • Topographical Survey Works • Geotechnical Survey Works • Engineering Design Services 	Ministry of Road & Housing
4	Sangaw Road Project	50 km Road Project; <ul style="list-style-type: none"> • Topographical Survey Works 	KRG - Concil of Minister
5	Swara Tika-1 Oil Well Location Project	Well Location & Associated Access Road and, Service Facilities; <ul style="list-style-type: none"> • Topographical Survey Works • Civil Engineering Design Services • Project Management Services • Consultancy during the construction 	HKN Energy

Past Experience

NO	Name Of Project	Description Of Work	Client
6	Swara Tika-2 and 3 Oil Well Location Project	Well Location & Associated Access Road and, Service Facilities; <ul style="list-style-type: none"> • Topographical Survey Works • Civil Engineering Design Services 	HKN Energy
7	Skeikan 8 Oil Well Location	Well Location & Associated Access Road and, Service Facilities; <ul style="list-style-type: none"> • Topographical Survey Works • Civil Engineering Design Services • Plan& Profiles, Cut/Fill Calculations 	Gulf Keystone
8	BB1 and BB2 Oil Well Location (In Bena Bawi)	Well Location & Associated Access Road and, Service Facilities; <ul style="list-style-type: none"> • Topographical Survey Works • Civil Engineering Design Services • Plan& Profiles, Cut/Fill Calculations 	Petoil Petroleum
9	Taq Taq Oil Field Exploration & Development Wells <ul style="list-style-type: none"> • (Starting from TT-04 ~ ...to TT-21) • Total 18 Well Locations 	Well Locations & Associated Access Roads and, Service Facilities; <ul style="list-style-type: none"> • Scouting Works, Preliminary Studies • Topographical Survey Works • Civil Engineering Design Services • Water Supply Lines • Plan& Profiles, Drainage Designs, Cut/Fill Calculations • Preperation of Scopes, BOQ's and Technical Specifications • Project Management Services During The Construction 	TTOPCO

Past Experience

NO	Name Of Project	Description Of Work	Client
10	Kewa Chirmila Block Exploration Wells KC1 and KC2 Well Locations	Well Locations & Associated Access Roads and, Service Facilities; <ul style="list-style-type: none"> Scouting Works, Preliminary Studies Topographical Survey Works Civil Engineering Design Services Water Supply Lines & Pump Stations Plan& Profiles, Drainage Designs, Cut/Fill Calculations Preperation of Scopes, BOQ's and Technical Specifications Project Management Services During The Construction 	TTOPCO
11	Taq Taq Oil Field Development Phase <ul style="list-style-type: none"> Early Production Facility (EPF) Central Production Facility 6" Flow Lines between the Wells and CPF 16" Trunk Line between CPF and Tanker Loading Facility Tanker Loading Station 	<ul style="list-style-type: none"> Preliminary Studies Topographical Survey Works Civil Engineering Design Services Alignment Designs, River& Road Crossing structures for the flow llnes Alignment Designs, River& Road Crossing structures for the Trunk Line Producing Plan& Profiles, Cut/Fill Calculations Structural & Drainage Systems Design Consultancy during the construction 	TTOPCO
12	Taq Taq Oil Field Master Plan Industrial Area: <ul style="list-style-type: none"> Warehouse Facilities Maintenance Work Shop Emergency Response Station 	<ul style="list-style-type: none"> Preliminary Design Studies Topographical Survey Works Civil Engineering Design Services Overall Layouts & Detailed Design Works Producing Plan& Profiles, Cut/Fill Calculations Structural & Drainage Systems Design 	TTOPCO

Past Experience

NO	Name Of Project	Description Of Work	Client
	(Fire&Clinic) •Fuel Station •Storage Pipe Yards Residential Area: • Accomodations • Offices • Restaurants • Recreation Facilities	<ul style="list-style-type: none"> • Preperation of Scopes, BOQ's and Technical Specifications 	
13	KICE (Kurdistan international Export Pipeline)	265 km 24" Crude Oil Pipeline; <ul style="list-style-type: none"> • Technical Field Support During the FEED Studies • Alignment Studies • Surveying Works, Topographical Maps • Geotechnical Engineering Works • Geodetic Control Point Establishment 	Addax Petroleum
14	Harir Oil Block Engineering Contract	Harir-01 Well Location & Associated Access Road and, Service Facilities; <ul style="list-style-type: none"> • Topographical Survey Works • Civil Engineering Design Services • Plan& Profiles, Cut/Fill Calculations 	Marathon Oil
15	Harir Oil Block Engineering Contract	Mirawa-01 Well Location & Associated Access Road and, Service Facilities; <ul style="list-style-type: none"> • Topographical Survey Works • Civil Engineering Design Services 	Marathon Oil

Past Experience

NO	Name Of Project	Description Of Work	Client
		<ul style="list-style-type: none"> Plan& Profiles, Cut/Fill Calculations 	
16	Safeen Oil Block Engineering Contract	Safeen-01 Well Location & Associated Access Road and, Service Facilities; <ul style="list-style-type: none"> Topographical Survey Works Civil Engineering Design Services Plan& Profiles, Cut/Fill Calculations 	Marathon Oil
17	Sarsenk Block Satellite Image Support	Sarsenk Oil Block Satellite Image + 1/5000 Topographical Maps Support	HKN Energy
18	Berbahr Oil Block Engineering Contact	Well Location & Associated Access Road and, Service Facilities; <ul style="list-style-type: none"> Topographical Survey Works Civil Engineering Design Services Plan& Profiles, Cut/Fill Calculations 	Genel Energy
19	Berbahr Oil Block Engineering Contact	1/5000 Topographical Maps	Genel Energy
20	Well Head Geodetic Survey in Taq Taq Oil Block	19 Well Location , Geodetic Survey and Report	TTOPCO
21	132 Kw Energy Line	40 km Erbil Power Line <ul style="list-style-type: none"> Surveying + Design Works 	Zozik Cons.Co

Past Experience

NO	Name Of Project	Description Of Work	Client
22	132 Kw Energy Line	120 km Erbil Power Line • Surveying + Design Works	Sa-Ra Cons.Co.
23	132 Kw Energy Line	80 km Dohuk Power Line • Surveying + Design Works	Zozik Cons.Co
24	33 Kw Energy Line	165 km Suleymaniyah Power Line • Surveying + Design Works	Zozik Cons.Co
25	New 120 St. Road Project	11 km Road Project; • Topographical Survey Works • Engineering Design Services	Ekinciler Cons. Co.
26	Rashawa Hidroelectirical Dam Project	• Surveying Works • Topographical Maps • Geotechnical Engineering	Polteks Cons.Co.
27	Erbil Truck Loading Fac.	Gasoline + Diesel and Kerosene Tank Farm • Survey and Civil Design Works • Geotechnical Engineering	Polteks Cons.Co.

Past Experience

NO	Name Of Project	Description Of Work	Client
28	Dohuk Truck Loading Fac.	Gasoline + Diesel and Kerosene Tank Farm <ul style="list-style-type: none"> • Survey and Civil Design Works • Geotechnical Engineering 	Polteks Cons.Co.
29	Bena Bawi Cement Inverstigation	<ul style="list-style-type: none"> • 3000 meter Borehole Driling for Geotechnical engineering Report • Topographical and Geological Maps • Access Road Survey and Design Works With Calculations 	CCI Invesment Company
30	Chamchamal Gas Block <ul style="list-style-type: none"> • Khormor LPG Plant • Chamchamal Truck Loading • Jambur Condinsate Pipeline 	<ul style="list-style-type: none"> • Topographical Survey & Alignment Studies • New Acces Road Survey and Design • Road and Roundabout • Pipeline Producing Plans and Profiles 35 Km 	Dana Gas - Crescent
31	SHAKROK BLOCK	Well Locations & Associated Access Roads and, Service Facilities; <ul style="list-style-type: none"> • Scouting Works, Preliminary Studies • Topographical Survey Works • Civil Engineering Design Services • Plan& Profiles, Drainage Designs, Cut/Fill Calculations • Preperation of Scopes, BOQ's and Technical Specifications • Project Management Services During The Construction 	HESS Oil

Past Experience

NO	Name Of Project	Description Of Work	Client
32	DINARTA BLOCK	Well Locations & Associated Access Roads and, Service Facilities; <ul style="list-style-type: none"> Scouting Works, Preliminary Studies Topographical Survey Works Civil Engineering Design Services Plan& Profiles, Drainage Designs, Cut/Fill Calculations Preperation of Scopes, BOQ's and Technical Specifications Project Management Services During The Construction 	HESS Oil
33	MIRAN Block	<ul style="list-style-type: none"> FEED & Topo Survey-26,5 km2 for CPF area and Flow Lines 	PETROFAC&GENEL ENERGY
34	MIRAN Block	<ul style="list-style-type: none"> Geotechnical Survey Works for CPF area and Flow Lines 	PETROFAC&GENEL ENERGY
35	Atrush Block _AT_01-02-03	Well Locations & Associated Access Roads and, Service Facilities; As Built Survey Establishment GCP's Geodetic Survey Reports	TAQA
36	Water Suply Project in Sulaymaniyah	280 Km Water Suppy Network; <ul style="list-style-type: none"> Survey & Mapping Works Satallite Imagery &Engineering Works 	Zozik/SSang Yong

Past Experience

NO	Name Of Project	Description Of Work	Client
36	Water Suply Project in Halapja	310 Km Water Supply Network; <ul style="list-style-type: none"> • Survey & Mapping Works • Satallite Imagery &Engineering Works 	Zozik/SSang Yong
37	GKPI Export Pipe Line for Sheikan & Seikh Adi Blocks	<ul style="list-style-type: none"> • Route Alignmet Studies & FEED Works 	Gulf Keystone
38	Khabat Thermal Power Plant	<ul style="list-style-type: none"> • Topographical Survey Engineering Services • Preliminary Studies & Cut/Fill Calculations 	POSCO/GAMA
39	Khabat Thermal Power Plant	<ul style="list-style-type: none"> • Geotechnical & Geophysical Survey Engineering Services • Hydrology Study • Preconstruction Engineering Studies 	POSCO/GAMA
41	MIRAN Block	<ul style="list-style-type: none"> • Survey & Design Flow Lines & ROW and Well Extended Facility Location 	GENEL ENERGY
42	Chia Surkh Block	Well Locations & Associated Access Roads and, Service Facilities; <ul style="list-style-type: none"> • Scouting Works, Preliminary Studies • Topographical Survey Works • Civil Engineering Design Services • Plan& Profiles, Drainage Designs, Cut/Fill Calculations • Preparation of Scopes, BOQ's and Technical Specifications • Project Management Services During The Construction 	GENEL ENERGY

Past Experience

NO	Name Of Project	Description Of Work	Client
43	Sheikan Block	SH-10 to PF-02 Flow Lines Project <ul style="list-style-type: none"> Scouting Works, Preliminary Studies Topographical Survey Works Detailed Engineering Design Services Plan& Profiles, Drainage Designs, Cut/Fill Calculations Preparation of Scopes, BOQ's and Technical Specifications 	Gulf Keystone
44	Sheikan Block	SH-01-07-08 to PF-02 Flow Lines Project <ul style="list-style-type: none"> Scouting Works, Preliminary Studies Topographical Survey Works Detailed Engineering Design Services Plan& Profiles, Drainage Designs, Cut/Fill Calculations Preparation of Scopes, BOQ's and Technical Specifications 	Gulf Keystone
45	Atrush Block _ CPF & CK-7	<ul style="list-style-type: none"> Topographical Survey Engineering Services Preliminary Studies & Cut/Fill Calculations BOQ for Civil Engineering Works Engineering Consultancy Services 	TAQA
46	Atrush Block _ Flow Lines	<ul style="list-style-type: none"> Topographical Survey Engineering Services Route Studies & Design Alignment Sheets/ Staking Out Works Consultancy services 	TAQA
47	Atrush Block _Land Acquisition Survey	<ul style="list-style-type: none"> Land Acquisition Survey at all facilities and associated roads in whole block including Mapping and Area calculation reports as per the format requested by MNR. 	TAQA

Past Experience

NO	Name Of Project	Description Of Work	Client
48	Zakho Thermal Power Plant	<ul style="list-style-type: none"> Topographical Survey Engineering Services Preliminary Studies & Cut/Fill Calculations 	GAMA -UP
49	Zakho Thermal Power Plant	<ul style="list-style-type: none"> Geotechnical & Geophysical Survey Engineering Services Hydrology Study Preconstruction Engineering Studies Drilling & Testing Water Wells 	GAMA - UP
50	Chiya-Surkh _12 (Revision)	<ul style="list-style-type: none"> Survey, Design Project Management Services 	PET OIL
51	TANAP(TRANSANATOLIAN GAS PIPE LINE PROJECT)	<ul style="list-style-type: none"> UAV Imagery services along 550 km (LOT-03) True Ortho Photo DSM & Point Cloud 	TEKFEN (TURKEY)
52	SAMSUN- KALIN Railway Project	<ul style="list-style-type: none"> UAV Imagery Services (372 Km) True Ortho Photo DSM & Point Cloud Mapping Works 	CELIKLER GULERMAK AZD JV (TURKEY)
53	KONYA KULU_ IMAGERY WORKS	<ul style="list-style-type: none"> UAV Imagery Services (67 Sqkm) True Ortho Photo DSM & Point Cloud 	Ministry of Environment and City Planning (TURKEY)
54	<ul style="list-style-type: none"> Topographical Survey and Engineering Design Services for Construction of Flow Line for CH-E in Atrush Block. . 	<ul style="list-style-type: none"> This includes preparation of SOW, detailed drawings and BOQ required for the tender. 	TAQA

Past Experience

NO	Name Of Project	Description Of Work	Client
55	Survey Engineering & Design Works	<ul style="list-style-type: none"> Satellite Imagery & Preliminary Route Studies & Engineering Services for Construction of Multiple Flow Lines in Atrush Block. 	TAQA
56	SH-Well G Well Location and Associated Facilities	<ul style="list-style-type: none"> Engineering Survey & Design Services for Construction of Flow Line, Well location and associated facilities for SH-Well G in Sheikan Block. . 	GULF KEYSTONE
57	CS-12 & CS 10 Flow Line Project	<ul style="list-style-type: none"> Engineering Design Services for Construction of Flow Line for CS-12 and CH-10 in Chia-Surkh Block. This includes Surveys, preparation of SOW, detailed drawings and BOQ required for the tender. 	PET OIL
58	MOSUL DAM PROJECT	<ul style="list-style-type: none"> Engineering Consultancy Services & Structural Deformation Survey works at Mosul Dam Project. 	Navigator/AECOM/ US Army Corp of Engineers
59	CHIA SURKH EPF & TLS PROJECT	<ul style="list-style-type: none"> Engineering Survey and Design & Project Management Services for Construction of EPF, Tanker Loading Facility, Tank Farm, Flare Line in Chia-Surkh Block. This includes UAV Imagery, preparation of shop drawings, Day to day, Progressreviews, QA/QC Checks etc. Engineering Consultancy Services 	PET OIL
60	CH-C, CH-D, CH-E, CH-A Flow Line Projects	<ul style="list-style-type: none"> Survey & Design Services for Construction of Flow Line for CH-C, CH-E, CH-D & CH-A Wells to CPF in Atrush Block. This includes ROW Studies, Surveys, preparation of Alignment Sheets, detailed drawings and BOQ required for the tender. 	TAQA
61	Well location and associated facilities for SH Well H	<ul style="list-style-type: none"> Survey & Design Services for Construction of Flow Line, Well location and associated facilities for SH Well H in Sheikan Block. . This includes, UAV Imagery, Survey, detailed drawings and BOQ required for the tender. 	GULF KEYSTONE

Past Experience

NO	Name Of Project	Description Of Work	Client
62	Survey Engineering & Design Works For Well Locations and Associated Facilities	<ul style="list-style-type: none"> Engineering Survey & Design Services for Construction of Well location and associated facilities for SA-3, BKM-3, BB-2 in Sheik Adi Block. 	ROSS NEFT
63	Survey Engineering & Design Works For Well Locations and Associated Facilities	<ul style="list-style-type: none"> Survey & Design Services for Construction of Flow Line for BIJEL -2 & 10 Wells to CPF in BIJEL Block. This includes ROW Studies, Surveys, preparation of Alignment Sheets, detailed drawings and BOQ required for the tender. . 	ROSS NEFT
63	Survey Engineering & Design Works For Well Locations and Associated Facilities	<ul style="list-style-type: none"> Engineering Design Services for Construction of Well Locations, Access Roads for SH-I and SH-J in Seihkan Block. This includes Surveys, preparation of SOW, detailed drawings and BOQ required for the tender. 	GULF KEYSTONE
64	Survey Engineering & Design Works For Flow Line Projects	<ul style="list-style-type: none"> Engineering Design Services for Construction of Flow Line for SH-I and SH-J in Seihkan Block. This includes Surveys, preparation of SOW, detailed drawings and BOQ required for the tender. 	GULF KEYSTONE
65	Survey Engineering & Design Works For Well Locations and Associated Facilities	<ul style="list-style-type: none"> Engineering Design Services for Construction of Well Locations, Access Roads for Multi Number of Wells in Tawke & Peshkabar Blocks. This includes Surveys, preparation of SOW, detailed drawings and BOQ required for the tender. 	DNO
66	Topo Survey & Geotechnical Engineering Gas Facility expansions	<ul style="list-style-type: none"> This includes Survey, Geotechnical Works., engineering calculations, for Gas Facility Expansion Projects at Tawke and Peshkabar 	DNO
67	Survey Engineering & Design Works For PF-01 and PF-02 Facility expansions	<ul style="list-style-type: none"> Engineering Design Services for Construction of New Tank Storage area in Seihkan Block. This includes Survey, Geotechnical Works., engineering designs, preparation of SOW, detailed drawings and BOQ required for the tender. 	GULF KEYSTONE