RAYA

Company Profile

Telecom Solutions
Provider in Oil & Gas Industries

Persia Shidak Raya Co.

At a Glance

Official Name

Persia Shidak Raya

Cumulative Current Projects ‘Volume

$ 45 Million

Human Resources

100 Permanent Staffs

Year of Establishment

2003

Headquarter: Tehran, Iran

Address: No.3,Nader St., South Bahar St. Kaveh Blvd.
Tehran, IRAN
Tel: +98 (21) 24859000
Fax: +98 (21) 24859001
Web Site: www.rayaict.ir
E-mail: info@rayaict.ir


Fulfilling customer demand
is Raya's business policy
RAYA

Company Overview

RAYA is a telecom system integrator, and is active in the execution of EPC projects mainly in the Oil, Gas & Energy sectors.
It operates in the field of telecommunication engineering, Procurement and Construction.
Raya was established in 2003 and has successfully sold and marketed a wide variety of telecommunication services to its customers.
Raya's business policy is principally based on fulfilling our customers' demands with our utmost effort.

RAYA offers a comprehensive range of advanced Technology and telecommunication solutions including Telecommunication Networks, Voice & Data Networks and Safety & Security Solutions.

RAYA's crucial experience in designing and implementing telecommunication networks in the Oil and Gas industry has enabled it to offer an extensive array of advanced communication equipments which are specifically suited for harsh environmental conditions.

RAYA can also provide a comprehensive range of onshore & offshore telecommunication systems such as PABX, PA/GA, CCTV, AISS, Radio Systems, LAN/WAN,ACS,… in the Oil & Gas industry.

Vision
Mission

Vision

Pioneer
In Telecommunication
System Integration in Iran and
the region’s
Oil and Gas industries.

Mission

As a knowledge-based company,
RAYA performs design, engineering
and execution of
ICT projects both locally and globally,
by relying on its creative and qualified
Human Resources.

Vision
Mission

Assets

Raya Staff

Project Managers	3 Persons
Engineer s	51 Persons
Technical workers and technicians	23 Persons
Support and services	23 Persons

Raya Facilities

HQ in Tehran

Engineering Space	250m^2
Admin and management space	375m^2

Work Shop Facilities

Yard in Kangan Containing	2000m^2

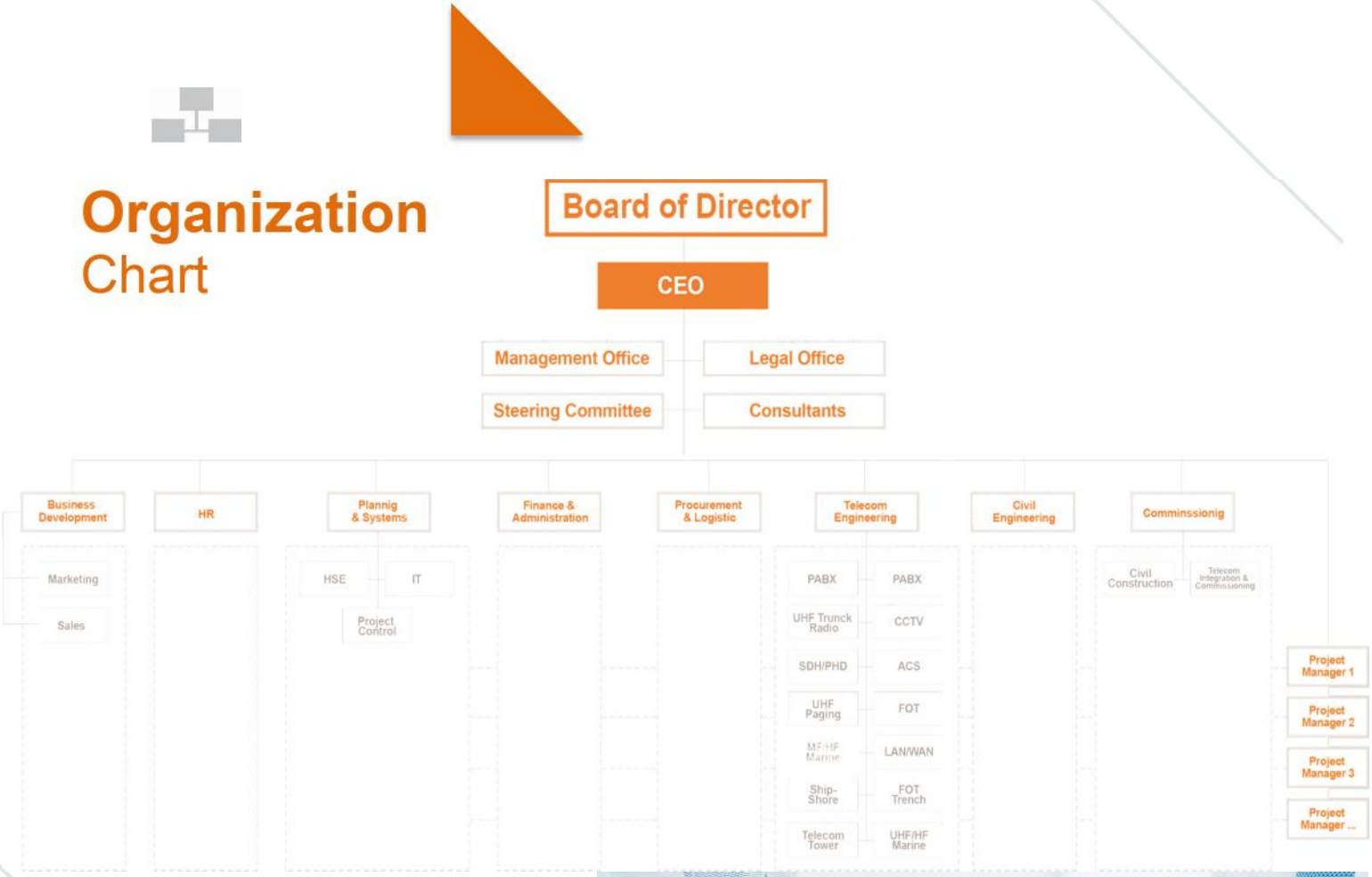
- Office Space
- Power Generation
- Water Facilities
- Indoor and Outdoor Inventory
- Workshop

Paid Capital

30,000,000,000 RLS

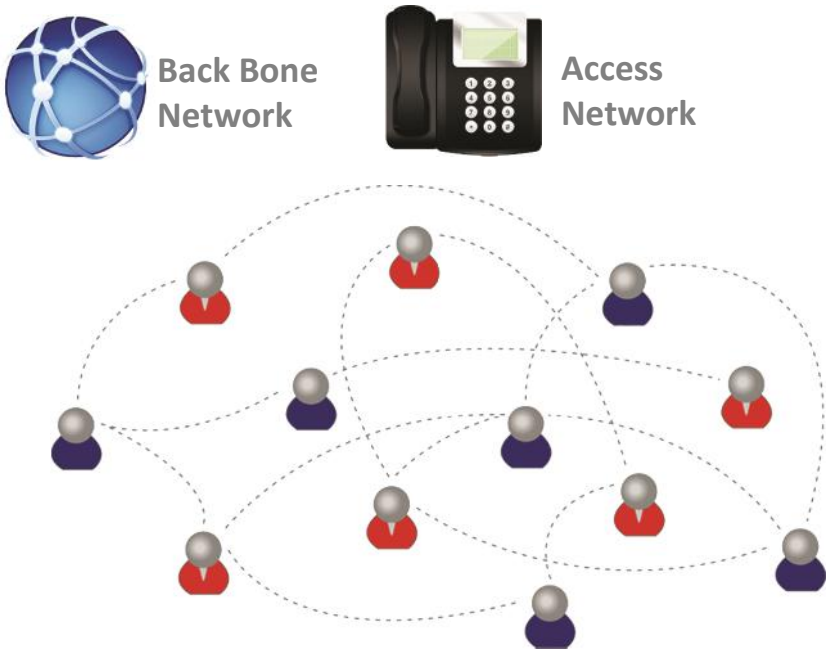

Assets

Organization Chart



Telecom Systems Integration

All oil and gas facilities (Upstream and Downstream) need communication systems which are essential for their safe and reliable operations. These systems must be capable of meeting new demands whilst remaining functional in the most difficult operating conditions and environments. Our solutions provide a number of distinct benefits to enhance productivity, safety and security of operations.
These solutions can be categorized in the two sections mentioned below.



Back Bone Network

- Microwave Radio Network
- SDH, PDH
- High speed industrial Date Communication Network
- Satellite Network

Access Network

- Personal Mobile radio (VHF/ UHF)
- Conventional & Trunk (Analog and TETRA)
- Radio Paging Systems
- LAN & WAN
- PABX, VOIP & Hot Line
- Public Address and General Alarm (PA/GA)
- Aeronautical & Marine Radio Communications
- VHF Marine radio
- VHF Aeronautical radio
- Navigation & Navigation Aids Systems
- Non Directional Beacons
- RACON
- Meteorological System

Telecom System Integration

PABX & Hot Line

Voice communications are extremely important to support the operation of oil and gas plants. The main telephony system is composed of a central telephone exchange (PABX), Cabling infrastructure and telephone sets.

PA/GA

The PA/GA (Public Address/General Alarm) System is responsible for delivering messages and alarms of general interest by means of loudspeakers and other sound devices spread throughout the plant.

Meteorological system

The meteorological system measures significant Parameters such as wind direction and velocity, Air temperature and humidity and air pressure. It contains warning of strong winds and hazardous weather, sea state and wave conditions.

Wireless systems

HF Radio Paging

Conventional & Trunk (Analogue and TETRA)

VHF/FM-SMM network is for communicating with other units and ships, VHF/AMSMA network is for communicating with helicopters, HF/SSB-SMM network is for communicating with support units and costal radio stations, UHF/FM-SPM network is for vessel internal communication

Satellite communication

Radio Beacon (NOB) for navigation aid, Microwave Digital Radios for communications between platforms and on-shore stations. INMARSAT terminals for voice and data services and for emergency communications VSAT terminals with stabilized satellite tracking antennas, for access to voice, data and internet services

Telecom System Integration

Ship/Shore communication

The ship-shore communication system provides ESD, Hotline & Public Telephone Interface between LNG/LPG Gargo vessels with ship (jetty) side. These interfaces are based on optical, Electrical & pneumatic Media with SIGGTO recommended interfaces.



CCTV

The onshore sector encompasses a wide range of varied and different activity which requires definite and precise products to meet the needs of the client including safe area, hazardous, and thermal camera stations.


Telecom System Integration

AISS

AISS is an important asset for industrial, public and residential sites. The security market offers a complete range of reliable And intelligent perimeter protection systems, enhancing the best Technologies in Microwave, Infrared and Doppler sensors.

ACS

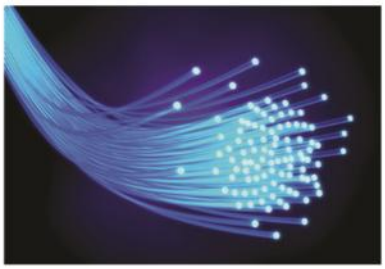
Access Control protects both personal and physical assets. There are a number of Access Control Systems available, ranging from audio/visual entry systems, Devices, such as finger print readers etc.

LAN

LAN has consolidated its position as the main information transport media in onshore/offshore plants. The convergence of IT and telecommunication services creates a new environment where voice, data, video, security and others travel along a shared common infrastructure.

Optical Transmission Systems (SDH-PDH)

FOTI includes a range of transmission and receiving equipment (voice,video,data) for security/surveillance, broadcast networks, and ITS (Intelligent Transportation Systems}. Passive equipment includes patch cables, optical couplers,WDM, fiber optic cabling with low insertion loss and high isolation.



Telecom Tower

Telecom Tower is for mounting the radio systems antenna. All type of Tower such as self-support & lattice. Guided, Monopole & mast are used in many projects based on radio coverage study. Painting with ICAO recommendation will be considered for high height Towers

Projects

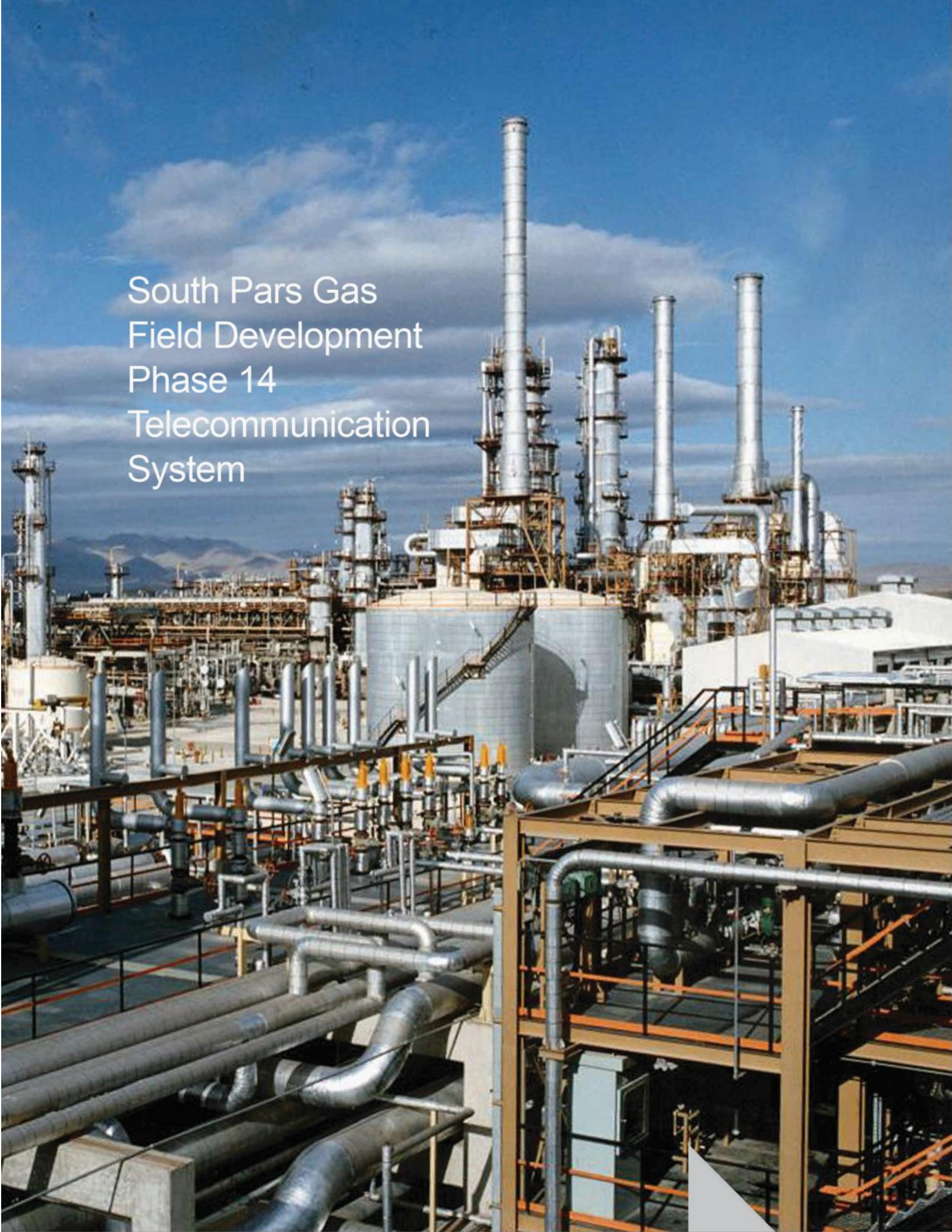
South Pars Gas Field Development Phase 14 Telecommunication System

Client	Contractor
POGC	IPMI

Status	Type of project
Current	EPC

Scope of work

- PABX & Hotline System
- PA/GA
- CCTV System UHF
- Paging Telecommunication
- Tower
- Access Control System (ACS)
- PDH in Plant Ring (IPR)
- Local Area Network
- AISS (Anti Intrusion and Surveillance System)


South Pars Gas
Field Development
Phase 14
Telecommunication
System

Projects

NGL Kharg

Telecommunication System

Client	Contractor
IOOC	IRITEC & Petro Sahel (Consortium)
Status	**Type of project**
Current	EPC

Scope of work

- PABX & Hotline System
- PA/GA
- UHF Paging
- UHF Trunk (Tetra) Radio System
- Ship/Shore
- Telecommunication Tower
- Meteorological Systems
- F.O. Transmission Infra structure
- VHF/MF/HF Marine radio system
- Cables & accessories
- Radio Fallback Telephony System

NGL Kharg
Telecommunication System

Projects

Onshore Section of SPIFON * II

Client	Contractor
POGC	Petro pars - Transtel

Status	Type of project
Current	EPC

Scope of work

Construction of duct banking

Fiber optic cable laying

OTDR test fusion & splicing

* South Pars Interconnection Fiber Optic Network

Onshore Section of SPIFON II

Projects

Offshore Telecommunication System

Client	Contractor
CNPC	–

Status	Type of project
Current	EPC & Service

Scope of work

IP PBX

LAN/WAN

VSAT

Offshore Telecommunication System

Projects

Onshore Telecommunication System

Client	Contractor
DGC	–

Status	Type of project
Completed	EPC

Scope of work

- LAN/WAN
- CCTV
- PABX
- VSAT
- Inmarsat

Onshore Telecommunication System

Projects

Offshore Telecommunication System

Client	Contractor
Petro Rig	–

Status	Type of project
Completed	EPC

Scope of work

- CCTV
- PABX
- VSAT
- LAN/WAN
- ACS

Offshore Telecommunication System

Projects

Onshore Rig
Telecommunication System

Client	Contractor
Petro Rig	–

Status	Type of project
Completed	EPC

Scope of work

PABX

LAN/WAN

VSAT

Onshore Rig
Telecommunicufion System

Projects

Telecommunication System

Client	Contractor
Dana Energy Co.	–

Status	Type of project
Completed	EPC & Service

Scope of work

- PABX
- CCTV
- LAN/WAN
- ACS
- VSAT


Directories
Applications
Conference
Transfer
Redial
Hold
Menu
Messages
Do Not Disturb

Projects

Telecommunication System

Client	Contractor
Ardavan Oil & Gas Co.	–

Status	Type of project
Completed	P

Scope of work

LAN/WAN


FAN
CRIT
MAJ
MIN
CXPR
EMbF
iFU2
PIU

Projects

Telecommunication System

Client	Contractor
Yazd polyester Co.	–

Status	Type of project
Current	EPC & Service

Scope of work

- LAN/WAN
- POWBER/UPS
- PABX
- CCTV
- ACS
- AISS
- VSAT

Projects

ICT Administration

Client
Bank Tosee

Contractor
Maadiran

Status
Completed

Type of project
Service

Scope of work

ICT Administration


delete
enter
return
shift

Projects

Telecommunication System

Client	Contractor
Khuzestan Cement Co.	_

Status	Type of project
Completed	EPC

Scope of work

- LAN/ WAN
- CCTV
- VSAT
- PABX

Projects

ICT System for main office

Client	Contractor
Jahanpars Co.	–

Status	Type of project
Completed	EPC & Service

Scope of work

- LAN/ WAN
- CCTV
- VSAT
- IT Service

Projects

Contact Center System

Client Taliya	Contractor –
Status Completed	Type of project EPC

Scope of work

- IP PBX
- Queuing
- Routing
- Contact Center Management

Our Vendors

RAYA is cooperating with the best telecom vendors

HUAWEI · CISCO · ERICSSON

Panasonic ideas for life · COMROD REACHING FURTHER · ascom

MITEL · VAISALA · sepura

SIEMENS · SWISSPHONE · Vidyo

Nexans autoelectric · MOTOROLA · FUGRO · remsdaq · ZIGTEL

ICOM · GEOQUIP WORLDWIDE · NEUMANN COMMUNICATIONS::SYSTEMS

GAI-TRONICS A Hubbell Company · INDUSTRONIC · Loop Telecom · FHF FUNKE+HUSTER FERNSIG

COOPER | HERNIS · Alcatel·Lucent



Trademark Notice

and RAYA are trademarks or registered trademarks of Persia Shidak Raya Co.

Other trademarks, product, service and company names mentioned are the priperty of their respective owners.

General Disclaimer

The information in this document may contain predictive statments including, whihout limition, statements regarding the future financial and operation results, future product portfolio, new technology, etc. There are a number of factors that could cause actual results and developments to differ materially from those expressed or implied in the predictive statements. Therefore, such information is provided for reference purpose only and constitutes neither an offer nor an acceptance. Raya may change the information at any time without notice.

Persia Shidak Raya Co.

4th Floor, No. 3, Nader Alley, South Bahar St.,
Kaveh Blvd., Tehran, Iran
Postal Code: 19398985 19
Tel.: +98 (21) 24 85 9000
Fax: +98 (21) 24 85 9001
www.rayatict.ir info@rayaict.ir