

INDEX :

1 CONSULTANTS (10 Pages)

2 EXECUTIVE CONTRACTORS (10 Pages)

CONSULTANT LIST

(REV. 7)

1. CONSULTANTS

1.1- ENGINEERING CONTRACTORS

1.1.1 EP/EPC

1.1.1.1 PROCESS PLANT

1.1.1.1.1 GROUP I

1.1.1.1.2 GROUP II

1.1.1.2 UTILITY & OFFSITE

1.1.1.3 POWER PLANT

1.1.1.4 POWER TRANSMISSION

1.1.1.5 MV & HV SUBSTATION

1.1.1.6 CATHODIC PROTECTION

1.1.1.7 F&G SYSTEM

1.1.1.8 FIRE FIGHTING

1.1.1.9 TELECOMMUNICATION & SCADA

1.1.2 NON-INDUSTRIAL BUILDINGS & ROADS

1.1.3 PARK, VALUE CHAIN, INTEGRATION, MASTER PLANING CHEMICAL

1.2- ENGINEERING SERVICES

1.2.1 ENGINEERING

1.2.1.1 GENERAL

1.2.1.2 PIPING

1.2.1.3 ELECTRICAL PROJECTS

1.2.1.3.1 ELECTRICAL

1.2.1.3.2 LIGHTING

1.2.1.4 INSTRUMENTATION

1.2.2 FEASIBILITY STUDY

1.2.3 CONCEPTUAL DESIGN

1.2.4 ENVIRONMENT IMPACT ASSESSMENT (EIA)

1.2.5 HEALTH SAFETY ENVIRONMENT QUALITY (HSEQ)

1.2.6 DEFINITIVE DESIGN REVIEW

1.2.7 TOPOGRAPHY / HYDROGRAPHY / SURVEY SERVICE

1.2.8 GEOTECHNICAL INVESTIGATION

1.2.9 RECLAIMING & COMPACTION STUDY

1.2.10 HYDRONAMIC SHORE-PROTECTION

1.2.11 INFORMATION COMMUNICATION TECHNOLOGY

1.2.12 VALUE ENGINEERING

1.2.13 HAZOP STUDY / SIL ANALYSIS

1.2.14 MAPPING

1.2.15 PROJECT PLANNING & CONTROL

1.2.16 SITE SELECTION SURVEY

1.2.17 RETROFITTING

1.3- MANAGEMENT CONTRACTOR (MC)

1.4- TECHNICAL INSPECTION

1.4.1 IMPORTED GOODS

1.4.2 EXPORTED GOODS

1.4.3 NON-DESTRUCTIVE TESTING (NDT)

1.4.4 CONSTRUCTION

1.4.5 OPERATION

1.4.6 RISK BASED INSPECTION (RBI)

1.4.7 MATERIAL & EQUIPMENT

1.4.8 CHEMICALS

1.4.9 METALLURGY & CORROSION

1.4.10 CATHODIC PROTECTION

1.1- ENGINEERING CONTRACTORS

1.1.1 EP/EPC

<u>COMPANY NAME</u>	<u>ORIGIN</u>
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1.1.1.1 PROCESS PLANT

1.1.1.1.1 GROUP I *

CHEGALESH CONSULTING ENGINEERS	IRAN
ENERGY INDUSTRIES ENGINEERING & DESIGN (EIED)	IRAN
ENERCHIMI ENGINEERING CO.	IRAN
HAMPA ENERGY ENGINEERING & DESIGN CO.(HEDCO)	IRAN
NAMVARAN ENGINEERING & MANAGEMENT	IRAN
NARGAN ENGINEERS & CONSTRUCTORS	IRAN
PETROCHEMICAL INDUSTRIES DESIGN AND ENGINEERING (PIDEC)	IRAN
SAZEH CONSULTING ENGINEERS	IRAN

1.1.1.2- GROUP II **

BINA CONSULTING ENGINEERS	IRAN
DARYA PALA	IRAN
DOR RIZ	IRAN
ENERGY & SANAT CONSULTING ENGINEERS	IRAN
FARANEGAR SANAT	IRAN
IRAN INTERNATIONAL ENGINEERING COMPANY (IRITEC)	IRAN
IRAN ITOK	IRAN
JONDISHAPOUR	IRAN
MAAD KIMIYA FARAYAND CONSULTING ENGINEERS (MKF Co.)	IRAN
NARDIS	IRAN
OIL DESIGN AND CONSTRUCTION CO.(ODCC)	IRAN
OIL MICO	IRAN
SAKHTAR FARDA	IRAN
SAZEH PARDAZI IRAN	IRAN
TARH & PALAYESH	IRAN
TOSEAE PARKHAYE SHIMIAEE (TPSHA)	IRAN

* FOR ALL PROCESS PLANTS ie. OLEFIN, AMMONIA/UREA, METHANOL, POLY ETHYLENE, POLY PROPYLENE, EB/SM/PS, EO/EG, AAVA, MTBE, PET/PTA, AROMATICS, NITRIC ACID/AMMONIUM NITRATE /DAP/PHOSPHORIC ACID/SULFURIC ACID, PDH, PHETALIC ANHYDRIDE/2-EH/DOP, ENG. POLYMERS, BUTADIENE, BUTENE-1, CHLOR ALKALI/EDC/VCM/PVC, ISOCYANATES, POLY URETHANES, ALA CHLOR/BUTA CHLOR, ETHANE RECOVERY, etc.

** FOR PROCESS UNITS WITHOUT ANY KNOW-HOW OR LICENSE

1.1.1.2- UTILITY & OFFSITE

DOR RIZ	IRAN
EHDAS VA TOSE-E PROJEHAYE VIJEH MAPNA-3	IRAN
ENERCHIMI ENGINEERING CO.	IRAN
FARAB ENERGY & WATER PROJECTS	IRAN
FARANEGAR SANAT	IRAN
GHODS NIROO ENGINEERING COMPANY	IRAN
HIRBODAN EPC COMPANY	IRAN
MONENCO IRAN	IRAN
NARDIS	IRAN
NORAHAN SANAYE	IRAN
SAZEH PARDAZI IRAN	IRAN
TEHRAN SAMANDISH	IRAN
TOSEAE PARKHAYE SHIMIAEE (TPSHA)	IRAN

<i>COMPANY NAME</i>	<i>ORIGIN</i>
1.1.1.3- POWER PLANT	
ENERGY & SANAT CONSULTING ENGINEERS	IRAN
FARAB ENERGY & WATER PROJECTS/NARDIS	IRAN
GHODS NIROO ENGINEERING COMPANY	IRAN
GOROUHE SANATI RASM ARA	IRAN
HIRBODAN EPC COMPANY	IRAN
IRAN POWER PLANT PROJECTS MANAGEMENT CO. (MAPNA)	IRAN
MONENCO IRAN	IRAN
MOSHANIR POWER ENGINEERING CONSULTANTS	IRAN
NIROO TAVAN	IRAN
PARSIAN POWER & INDUSTRY DEVELOPMENT CO.	IRAN

1.1.1.4- POWER TRANSMISSION	
GHODS NIROO ENGINEERING COMPANY	IRAN
IRAN POWER PLANT PROJECTS MANAGEMENT CO. (MAPNA)	IRAN
MOHAM SHARGH GROUP	IRAN
MOSHANIR POWER ENGINEERING CONSULTANTS	IRAN
PARSIAN POWER & INDUSTRY DEVELOPMENT CO.	IRAN

1.1.1.5- MV & HV SUBSTATION	
IRAN POWER PLANT PROJECTS MANAGEMENT CO. (MAPNA)	IRAN
MABNA NIROO	IRAN
MOHAM SHARGH GROUP	IRAN
MOSHANIR POWER ENGINEERING CONSULTANTS	IRAN
NIROO TAVAN	IRAN
PARSIAN POWER & INDUSTRY DEVELOPMENT CO.	IRAN
PEIMAN KHOTOOT GOSTAR	IRAN
SAFA NIKOO	IRAN

1.1.1.6- CATHODIC PROTECTION	
ARMIN SANAT GOSTARAN	IRAN
AZMOUNEH FOULAD	IRAN
BINA CONSULTING ENGINEERS	IRAN
EHDAS CONTROL	IRAN
FANAVARI DANESH KHORDEGI	IRAN
FARA SANAT BAN	IRAN
IODEC (ISTA)	IRAN
JAHAD DANESHGAHI ELM VA SANAT	IRAN
PAYESH SANAT NOVIN	IRAN
TAVAN GOSTARAN ZINO	IRAN
TECHNICAL INSPECTION & CORROSION CONTROL CO. (TECHINCO)	IRAN
ZANG SETIZANE SHARGH	IRAN
CATHODIC PROTECTION CO	UK
CORR OCEAN	NORWAY
CORROCELL CO	UK
CORRPRO	UK
ROSE CORROSION SERVICES	UK
SAMGONG	S.KOREA
WILSON WALTON	UK

	<u>COMPANY NAME</u>	<u>ORIGIN</u>
1.1.1.7- F&G SYSTEM		
	NARFOAM KAR	IRAN
	PAD RAAD PARSIAN	IRAN
1.1.1.8- FIRE FIGHTING		
	NARFOAM KAR	IRAN
1.1.1.9- TELECOMMUNICATION & SCADA		
	PAD RAAD PARSIAN	IRAN
1.1.2- NON-INDUSTRIAL BUILDINGS & ROADS		
	REFER TO "DEPUTY OF TECHNICAL AFFAIRS" LIST.(http://tec.mporg.ir/)	
1.1.3- PARK, VALUE CHAIN, INTEGRATION, MASTER PLANING CHEMICAL		
	TOSEAE PARKHAYE SHIMIAEE (TPSHA)	IRAN
1.2- ENGINEERING SERVICES		
1.2.1- ENGINEERING		
1.2.1.1- GENERAL		
	DOR RIZ	IRAN
	ENERCHIMI ENGINEERING CO.	IRAN
	FARANEGAR SANAT	IRAN
	NARDIS	IRAN
	SAZEH PARDAZI IRAN	IRAN
	SHARGAN	IRAN
1.2.1.2- PIPING		
	ARYA PISHRO GHARN	IRAN
	DARYA PALA	IRAN
	DOR RIZ	IRAN
	ENERGY & SANAT CONSULTING ENGINEERS	IRAN
	FARANEGAR SANAT	IRAN
	HAMPA ENERGY ENGINEERING & DESIGN CO. (HEDCO)	IRAN
	NORAHAN SANAYE	IRAN
	SAZEH PARDAZI IRAN	IRAN
1.2.1.3- ELECTRICAL PROJECTS		
1.2.1.3.1- ELECTRICAL		
	ARYA PISHRO GHARN	IRAN
	BINA AFZAR	IRAN
	DARYA PALA	IRAN
	ENERGY & SANAT CONSULTING ENGINEERS	IRAN
	HAMPA ENERGY ENGINEERING & DESIGN CO. (HEDCO)	IRAN
	KHADAMAT MOHANDESI VA FANAVARAN ENERGY ARYANA	IRAN
	MOHAM SHARGH GROUP	IRAN
	MOHANDESI MOSHAVERAN SHIRAZ ENERGY (MOSHIRAN)	IRAN
	NORAHAN SANAYE	IRAN
	SAZEH PARDAZI IRAN	IRAN
1.2.1.3.2- LIGHTING		
	DARIAN	IRAN
	EHDAS GOSTAR NIROOYE PARSCONTROL	IRAN

	<u>COMPANY NAME</u>	<u>ORIGIN</u>
1.2.1.4- INSTRUMENTATION		
	ARYA PISHRO GHARN	IRAN
	DARYA PALA	IRAN
	ENERGY & SANAT CONSULTING ENGINEERS	IRAN
	FARANEGAR SANAT	IRAN
	HAMPA ENERGY ENGINEERING & DESIGN CO. (HEDCO)	IRAN
	NORAHAN SANAYE	IRAN
	PARS HASSAS	IRAN
1.2.2- FEASIBILITY STUDY		
	ENERCHIMI ENGINEERING CO.	IRAN
	FARANEGAR SANAT	IRAN
	MONENCO IRAN	IRAN
	NARDIS	IRAN
	PARAVAR	IRAN
	SADR SANAT	IRAN
	SAZEH PARDAZI IRAN	IRAN
	SHARGAN	IRAN
	TOSEAE PARKHAYE SHIMIAEE (TPSHA)	IRAN
1.2.3- CONCEPTUAL DESIGN		
	DOR RIZ	IRAN
	ENERCHIMI ENGINEERING CO.	IRAN
	FARANEGAR SANAT	IRAN
	NARDIS	IRAN
	PARAVAR	IRAN
	SADR SANAT	IRAN
	SAZEH PARDAZI IRAN	IRAN
	SHARGAN	IRAN
	TOSEAE PARKHAYE SHIMIAEE (TPSHA)	IRAN
1.2.4- ENVIRONMENT IMPACT ASSESSMENT (EIA)		
	BEHBOUD GOSTAR PAIDAR	IRAN
1.2.5- HEALTH SAFETY ENVIRONMENT QUALITY (HSEQ)		
	TO BE ADVISED LATER	
1.2.6- DEFINITIVE DESIGN REVIEW		
	TO BE ADVISED LATER	
1.2.7- TOPOGRAPHY / HYDROGRAPHY / SURVEY SERVICE		
	REFER TO "DEPUTY OF TECHNICAL AFFAIRS" LIST.(http://tec.mporg.ir/)	
1.2.8- GEOTECHNICAL INVESTIGATION		
	REFER TO "DEPUTY OF TECHNICAL AFFAIRS" LIST.(http://tec.mporg.ir/)	
1.2.9- RECLAIMING & COMPACTION STUDY		
	REFER TO "DEPUTY OF TECHNICAL AFFAIRS" LIST.(http://tec.mporg.ir/)	

<u>COMPANY NAME</u>	<u>ORIGIN</u>
1.2.10- HYDRONAMIC SHORE-PROTECTION	
TO BE ADVISED LATER	
1.2.11- INFORMATION COMMUNICATION TECHNOLOGY	
TO BE ADVISED LATER	
1.2.12- VALUE ENGINEERING	
BAHREVARZ SYSTEM	IRAN
MARKAZ MOTALEAT VA PAJOUHESH LOJESTIKI DANESHGAH IMAM HOSSEIN	IRAN
NAZMAVAR CONSULTING ENGINEERS	IRAN
1.2.13- HAZOP STUDY / SIL ANALYSIS	
MOHANDESIN MOSHAVER SAMA	IRAN
NAB GOSTAR SHARGH	IRAN
ESC	UK
1.2.14- MAPPING	
REFER TO "PRESIDENT DEPUTY STRATEGIC PLANNING and CONTROL" LIST.(http://www.spac.ir)-(GENERAL MANAGEMENT)	
1.2.15- PROJECT PLANNING & CONTROL	
TO BE ADVISED LATER	
1.2.16- SITE SELECTION SURVEY	
SADR SANAT	IRAN
1.2.17- RETROFITTING	
TADBIR SAHEL PARS	IRAN
1.3- MANAGING CONTRACTOR (MC)	
ANDISHEVARAN ENGINEERING AND CONSULTANT COMPANY (AVEC)	IRAN
ARYA PISHRO GHARN	IRAN
BAMDAD BADAQKSHAN ENGINEERING AND MANAGEMENT	IRAN
BONAVAR	IRAN
CONSTRUCTION & PROJECT CONTROL MANAGEMENT CO. (CCM)	IRAN
DOR RIZ	IRAN
ENERCHIMI ENGINEERING COMPANY	IRAN
FALEGH SANAT	IRAN
FARANEGAR SANAT	IRAN
FURSAN CONTROL	IRAN
HAMPAYE TOOLID ENGINEERING AND DEVELOPMENT	IRAN
HAMPA ENERGY ENGINEERING & DESIGN CO. (HEDCO)	IRAN
HIRBODAN EPC COMPANY	IRAN
ITCEN ENGINEERING CONSULTANT	IRAN
IRAN ITOK	IRAN
KAYSON	IRAN
KHOBREGAN ANDISH AFAGH	IRAN
LUMAN SANAAT	IRAN
MAAD KIMIYA FARAYAND CONSULTING ENGINEERS (MKF Co.)	IRAN
MAPSA	IRAN
MAROON TECHNOLOGY DEVELOPMENT	IRAN
NAMAVARAN DELVAR ENGINEERING & CONSTRUCTION	IRAN
NAMVARAN	IRAN
NAMVARAN SANAT	IRAN
NARDIS	IRAN

<i>COMPANY NAME</i>	<i>ORIGIN</i>
NARGAN MANAGEMENT CO.	IRAN
OIL DESIGN AND CONSTRUCTION CO.(ODCC)	IRAN
PARAVAR	IRAN
PARSIAN ASIA	IRAN
PARSIKAN IRAN CONSULTING ENGINEERS	IRAN
PETRO SAZEH KOUSHA INDUSTRIAL GROUP (PSK)	IRAN
PETRO TECHSUN	IRAN
PIDMCO	IRAN
PROJE KARAN KUROSHI PERSIA	IRAN
SANAT SAZAN	IRAN
SAT	IRAN
SAZEH PARDAZI IRAN	IRAN
TARH-E-NOANDISHAN (TNA)	IRAN
TARH VA FARAYAND NOANDISHAN	IRAN
TECHNICAL INSPECTION & CORROSION CONTROL CO. (TECHINCO)	IRAN
TEHRAN BOSTON	IRAN
ZAVIR	IRAN

1.4 TECHNICAL INSPECTION

1.4.1 IMPORTED GOODS

REFER TO INSTITUTE OF STANDARD & INDUSTRIAL RESEARCH OF IRAN (ISIRI)'S LIST (www.isiri.org) AND CENTRAL BANK OF I.R. OF IRAN(www.cbi.ir)

1.4.2- EXPORTED GOODS

REFER TO INSTITUTE OF STANDARD & INDUSTRIAL RESEARCH OF IRAN (ISIRI)'S LIST (www.isiri.org) AND CENTRAL BANK OF I.R. OF IRAN(www.cbi.ir)

1.4.3- NON-DESTRUCTIVE TESTING (NDT)

2RINSPECTION & QUALITY SERVICES KISH	IRAN
ANDISHE PARDAZANE SANAT PERSIA (ASP)	IRAN
APCO	IRAN
ARUN JOSH SANAT	IRAN
ARYA SGS QUALITY SERVICES CO.	IRAN
ARYA SINA CONTROL (ASCO)	IRAN
AZAR SERTAVIZ	IRAN
AZMOUNEH FOULAD	IRAN
BAZRASI FANI IRANIAN (IRICO)	IRAN
BAZRASI FANI VA PAYESH KHORDEGI (IRSA)	IRAN
BEHINEH KAVOSH SANAT	IRAN
CONSTRUCTION & PROJECT CONTROL MANAGEMENT CO. (CCM)	IRAN
ENTEBAGH AVARAN	IRAN
ERTEGHA GOSTAR POUYA	IRAN
FALAT PEJVAK	IRAN
FANI VA MOHANDESI JOSH FRAYAND CONTROL	IRAN
INDUSTRIAL & ENGINEERING INSPECTION OF IRAN (IEI)	IRAN
IS	IRAN
KAVOSH GARAN BASER	IRAN
MENATOOS	IRAN
PARSIAN SHARGH	IRAN
PAYESH PISHRO SANAT IMAN (PSI)	IRAN
PAYESH GOSTARAN PISHRO	IRAN
TECHNICAL INSPECTION & CORROSION CONTROL CO. (TECHINCO)	IRAN
TEHRAN INTERNATIONAL EXPERTS CO. (TIE)	IRAN
TUV NORD-IRAN	IRAN
TWI-PERSIA	IRAN
ZAGROS TATBIGH KALA	IRAN

COMPANY NAME ORIGIN

1.4.4- CONSTRUCTION

2RINSPECTION & QUALITY SERVICES KISH	IRAN
ANDISHE PARDAZANE SANAT PERSIA (ASP)	IRAN
APCO	IRAN
AZMOUNEH FOULAD	IRAN
BAZRASI FANI IRANIAN (IRICO)	IRAN
BINA CONSULTING ENGINEERS	IRAN
CONSTRUCTION & PROJECT CONTROL MANAGEMENT CO. (CCM)	IRAN
ERTEGHA GOSTAR POUYA	IRAN
FALAT PEJVAK	IRAN
INDUSTRIAL & ENGINEERING INSPECTION OF IRAN (IEI)	IRAN
INTERNATIONAL INSPECTION, INTER TECH. GHESHM	IRAN
NAZERAN DAGHIGH ARMAN	IRAN
TECHNICAL INSPECTION & CORROSION CONTROL CO. (TECHINCO)	IRAN
TEHRAN INTERNATIONAL EXPERTS CO. (TIE)	IRAN
TUV NORD-IRAN	IRAN
ARYA SGS QUALITY SERVICES CO.	IRAN

1.4.5- OPERATION

ANDISHE PARDAZAN SANAT PERSIA(ASP)	IRAN
APCO	IRAN
ARYA SINA CONTROL (ASCO)	IRAN
ARYA SGS QUALITY SERVICES CO.	IRAN
AZAR SETAVIZ	IRAN
AZMOUNEH FOULAD	IRAN
BAZRASI FANI IRANIAN (IRICO)	IRAN
BAZRASI FANI VA PAYESH KHORDEGI (IRSA)	IRAN
BINA CONSULTING ENGINEERS	IRAN
FALAT PEJVAK	IRAN
INDUSTRIAL & ENGINEERING INSPECTION OF IRAN (IEI)	IRAN
IS	IRAN
MENATOOS	IRAN
NAZERAN DAGHIGH ARMAN	IRAN
PAYESH PISHRO SANAT IMAN (PSI)	IRAN
TECHNICAL INSPECTION & CORROSION CONTROL CO. (TECHINCO)	IRAN
TEHRAN INTERNATIONAL EXPERTS CO. (TIE)	IRAN
TUV NORD-IRAN	IRAN
ZAGROS TATBIGH KALA	IRAN

1.4.6- RISK BASED INSPECTION (RBI)

ANDISHE PARDAZAN SANAT PERSIA(ASP)	IRAN
ARYA SGS QUALITY SERVICES CO.	IRAN
ARYA SINA CONTROL (ASCO)	IRAN
AZAR SETAVIZ	IRAN
AZMOUNEH FOULAD	IRAN
BAZRASI FANI VA PAYESH KHORDEGI (IRSA)	IRAN
FALAT PEJVAK	IRAN
INDUSTRIAL & ENGINEERING INSPECTION OF IRAN (IEI)	IRAN
IS DE TEHRAN	IRAN
MENATOOS	IRAN
NAZERAN DAGHIGH ARMAN	IRAN
PAYESH GOSTARAN PISHRO	IRAN
PAYESH PISHRO SANAT IMAN (PSI)	IRAN
TEHRAN INTERNATIONAL EXPERTS CO. (TIE)	IRAN
TUV NORD-IRAN	IRAN
TWI-PERSIA	IRAN
ZAGROS TATBIGH KALA	IRAN

COMPANY NAME

ORIGIN

1.4.7- MATERIAL & EQUIPMENT

2RINSPECTION & QUALITY SERVICES KISH	IRAN
ANDISHE PARDAZANE SANAT PERSIA (ASP)	IRAN
BAZRASI FANI IRANIAN (IRICO)	IRAN
BEHSOTONE SANAT NOVIN CO.	IRAN
BINA CONSULTING ENGINEERS	IRAN
ENTEBAGH AVARAN	IRAN
ERTEGHA GOSTAR POUYA	IRAN
FALAT PEJVAK	IRAN
INTERNATIONAL GOODS INSPECTION CO (IGI)	IRAN
INTERNATIONAL INSPECTION, INTER TECH. GHESHM	IRAN
IRAN ENGINEERING INSPECTION CO. (IEI)	IRAN
MARIN ASA INSPECTION CO	IRAN
NAZERAN DAGHIGH ARMAN	IRAN
PAYESH GOSTARAN PISHRO	IRAN
SHARDIN AFARIN INTERNATIONAL INSPECTION CO.(SAI)	IRAN
TECHNICAL INSPECTION & CORROSION CONTROL CO. (TECHINCO)	IRAN
TEHRAN INTERNATIONAL EXPERTS CO. (TIE)	IRAN
TUV NORD-IRAN	IRAN
ARYA SGS QUALITY SERVICES CO.	IRAN-SWITZERLAND
BUREA VERITAS INTERNATIONAL REGISTER OF CLASSIFICATION OF VESSEL & AIRCRAFT	FRANCE

1.4.8- CHEMICALS

ANDISHE PARDAZAN SANAT PERSIA(ASP)	IRAN
APCO	IRAN
ARYA SINA CONTROL (ASCO)	IRAN
AZMOUNEH FOULAD	IRAN
BAZRASI FANI VA PAYESH KHORDEGI (IRSA)	IRAN
FALAT PEJVAK	IRAN
INDUSTRIAL & ENGINEERING INSPECTION OF IRAN (IEI)	IRAN
INTERNATIONAL GOODS INSPECTION CO (IGI)	IRAN
PAYESH GOSTARAN PISHRO	IRAN
SHARDIN AFARIN INTERNATIONAL INSPECTION CO.(SAI)	IRAN
TECHNICAL INSPECTION & CORROSION CONTROL CO. (TECHINCO)	IRAN
TEHRAN INTERNATIONAL EXPERTS CO. (TIE)	IRAN
TUV NORD-IRAN	IRAN
ZAGROS TATBIGH KALA	IRAN
ARYA SGS QUALITY SERVICES CO.	IRAN-SWITZERLAND
BUREA VERITAS INTERNATIONAL REGISTER OF CLASSIFICATION OF VESSEL & AIRCRAFT	FRANCE

<u>COMPANY NAME</u>	<u>ORIGIN</u>
1.4.9- METALLURGY & CORROSION	
2RINSPECTION & QUALITY SERVICES KISH	IRAN
ANDISHE PARDAZAN SANAT PERSIA(ASP)	IRAN
APCO	IRAN
ARYA SINA CONTROL (ASCO)	IRAN
AZAR SETAVIZ	IRAN
AZMOUNEH FOULAD	IRAN
BAZRASI FANI IRANIAN (IRICO)	IRAN
BAZRASI FANI VA PAYESH KHORDEGI (IRSA)	IRAN
BINA CONSULTING ENGINEERS	IRAN
CONSTRUCTION & PROJECT CONTROL MANAGEMENT CO. (CCM)	IRAN
ERTEGHA GOSTAR POUYA	IRAN
FALAT PEJVAK	IRAN
INDUSTRIAL & ENGINEERING INSPECTION OF IRAN (IEI)	IRAN
MENATOOS	IRAN
NAZERAN DAGHIGH ARMAN	IRAN
PAYESH GOSTARAN PISHRO	IRAN
PAYESH PISHRO SANAT IMAN (PSI)	IRAN
PAYESH SANAT NOVIN	IRAN
TECHNICAL INSPECTION & CORROSION CONTROL CO. (TECHINCO)	IRAN
TEHRAN INTERNATIONAL EXPERTS CO. (TIE)	IRAN
TUV NORD-IRAN	IRAN
ZAGROS TATBIGH KALA	IRAN
ARYA SGS QUALITY SERVICES CO.	IRAN-SWITZERLAND

1.4.10- CATHODIC PROTECTION

ANDISHE PARDAZANE SANAT PERSIA (ASP)	IRAN
ARMIN SANAT GOSTARAN	IRAN
ARYA SGS QUALITY SERVICES CO.	IRAN
AZAR SETAVIZ	IRAN
AZMOUNEH FOULAD	IRAN
BAZRASI FANI VA PAYESH KHORDEGI (IRSA)	IRAN
FALAT PEJVAK	IRAN
FARA SANAT BAN	IRAN
INDUSTRIAL & ENGINEERING INSPECTION OF IRAN (IEI)	IRAN
IS	IRAN
NAZERAN DAGHIGH ARMAN	IRAN
PAYESH GOSTARAN PISHRO	IRAN
PAYESH SANAT NOVIN	IRAN
REFERANCE IRAN	IRAN
SAZEH PARDAZAN DARYA	IRAN
SHARDIN AFARIN INTERNATIONAL INSPECTION CO.(SAI)	IRAN
TAVAN GOSTARAN ZINO	IRAN
TECHNICAL INSPECTION & CORROSION CONTROL CO. (TECHINCO)	IRAN
TEHRAN INTERNATIONAL EXPERTS CO. (TIE)	IRAN
TUV NORD-IRAN	IRAN
ZAGROS TATBIGH KALA	IRAN
BUREA VERITAS INTERNATIONAL REGISTER OF CLASSIFICATION OF VESSEL & AIRCRAFT	FRANCE
SAMGONG	S.KOREA

EX. CONTRACTOR LIST

(REV. 7)

2. EXECUTIVE CONTRACTORS

2.1- CONSTRUCTION

2.1.1 - CIVIL & MECHANICAL ERECTION

2.1.2 - CIVIL & UG

2.1.3 - MECHANICAL ERECTION

2.1.4 - SUB-CONTRACTORS

2.1.4.1 ROTARY MACHINE

2.1.4.2 STATIONARY EQUIPMENT

2.1.4.2.1 STORAGE TANKS

2.1.4.3 PIPING

2.1.4.4 INSTRUMENT

2.1.4.5 ELECTRICAL

2.1.4.6 CATHODIC PROTECTION

2.1.4.7 F&G SYSTEM

2.1.4.8 FIRE FIGHTING

2.1.4.9 TELECOMMUNICATION & SCADA

2.1.4.10 SAND BLAST & PAINTING

2.1.4.11 COATING & INSULATION

2.1.4.12 FLARE SYSTEM

2.1.4.13 LINING

2.1.4.14 CLADDING

2.2- INFRASTRUCTURE PROJECTS & CIVIL

2.2.1 - SITE PREPARATION

2.2.2 - LAND RECLAIMING & COMPACTION

2.2.3 - NON-INDUSTRIAL BUILDING

2.2.4 - ROADS

2.3- OPERATION SERVICES

2.3.1 - PRE-COMMISSIONING

2.3.2 - COMMISSIONING & START-UP

2.3.3 - MAINTENANCE

2.3.3.1 CRITICAL ROTARY MACHINE

2.3.3.2 GENERAL

2.3.3.3 ELECTRICAL & INSTRUMENTATION

2.3.3.4 NET MECHANIZED SYSTEMS

2.3.3.4.1 PREVENTIVE MAINTENANCE (PM)

2.3.3.4.2 CONDITION MONITORING (CM)

2.3.3.4.3 COMPUTERIZED MAINTENANCE MANAGEMENT SYSTEM (CMMS)

2.3.3.4.4 RELIABILITY CENTERED MAINTENANCE (RCM)

2.4- PIPELINE CONTRACTORS

2.5- MARINE STRUCTURE

2.5.1 - JETTY PLATFORM

2.5.2 - OFFSHORE STRUCTURES

2.5.3 - SEA WATER INTAKE / OUTFALL

2.6- TRANSPORTATION (HEAVY HAULING)

2.7- RETROFITTING

2.1- CONSTRUCTION

<i>COMPANY NAME</i>	<i>ORIGIN</i>
2.1.1 - CIVIL & MECHANICAL ERECTION	
ALBORZ NOVIN SHIRAZ	IRAN
ASFALT TOUS	IRAN
BARZIN	IRAN
DOR RIZ	IRAN
ERECTION & CONSTRUCTION COMPANY (ECC)	IRAN
HAMPA ENGINEERING CORPORATION	IRAN
IRAN ARVIN	IRAN
ISTAFAR	IRAN
ITCEN ENGINEERING CONSULTANT	IRAN
JAHAN PARS	IRAN
JALKEH	IRAN
KANROOD SAZEH	IRAN
KAYSON	IRAN
LIROK	IRAN
MAPSA	IRAN
MASHIN SAZI ESFAHAN	IRAN
MEAM TEAM	IRAN
MEHVAR SAZAN ENG. & CONST. CO	IRAN
MODIRIAT EHDAS	IRAN
NASB AZARAB	IRAN
OXIN SANAT	IRAN
PARCIKAN IRAN	IRAN
PARS KEIHAN	IRAN
PERLITE	IRAN
SAZEH KHAVAR	IRAN
STEAM	IRAN
TAMIR VA NEGAHDASHT KARKHANEJAT SANAYEH PETROSHIMI (RAMPCO)	IRAN
TANAVOB	IRAN
TEHRAN BERKLY	IRAN
TEHRAN JONOUB	IRAN
TOSE-E- MOHANDESI JONOUB	IRAN
TOSE-E- SHABAKEHAYE SANATI IRAN	IRAN

2.1.2 - CIVIL & UG

ALBORZ NOVIN SHIRAZ	IRAN
BOLAND PAYEH	IRAN
BONAB SAD	IRAN
DOR RIZ	IRAN
FARA BETON	IRAN
FATER KOSARAN JONOUB	IRAN
JALKEH	IRAN
KAYSON	IRAN
MAHSAR ABNIEH	IRAN
MILAD POOYA BETON	IRAN
OMRAN SOULEH	IRAN
RAHBORD SAZEH	IRAN
SAKOO KAR	IRAN
TEHRAN TAHKIM	IRAN

<i>COMPANY NAME</i>	<i>ORIGIN</i>
2.1.3 - MECHANICAL ERECTION	
ISTAFAR	IRAN
PETRO NIROOYE SABA	IRAN
2.1.4 - SUB-CONTRACTORS	
2.1.4.2 - STATIONARY EQUIPMENT	
2.1.4.2.1 STORAGE TANKS	
AZARAB	IRAN
HAMPA ENERGY ENGINEERING & DESIGN CO. (HEDCO)	IRAN
MASHIN SAZI ARAK	IRAN
PAISAZ	IRAN
PANAH SAZ IRAN	IRAN
SADID JAHAN SANAT	IRAN
SANAYE VA BANADER AZAD FARASAHHEL (SABA)	IRAN
TASHA	IRAN
ZAGROS NASB SEPAHAN	IRAN
S-TANK	S.KOREA
2.1.4.3 - PIPING	
ALBORZ NOVIN SHIRAZ	IRAN
DASTAVARD	IRAN
GOROUHE SANATI RASM ARA	IRAN
ISTAFAR	IRAN
PETRO NIROOYE SABA	IRAN
SAMIN	IRAN
TOSAN NASB	IRAN
2.1.4.4- INSTRUMENT	
AZAR DAGHIGH IRANIAN (ADI Co.)	IRAN
GOROUHE SANATI RASM ARA	IRAN
PARIN CONTROL	IRAN
PETRO NIROOYE SABA	IRAN
SAYBER SANAT	IRAN
2.1.4.5- ELECTRICAL	
2.1.4.5.1- LIGHITING	
DARIAN	IRAN
EHDAS GOSTAR NIROOYE PARS	IRAN
GOROUHE SANATI RASM ARA	IRAN
PARIN CONTROL	IRAN
PETRO NIROOYE SABA	IRAN
SAYBER SANAT	IRAN
2.1.4.6- CATHODIC PROTECTION	
EHDAS CONTROL	IRAN
IODEC (ISTA)	IRAN
SAMGONG	S.KOREA
2.1.4.7- F&G SYSTEM	
GOROUHE SANATI RASM ARA	IRAN
NARFOAM KAR	IRAN
PAD RAAD PARSIAN	IRAN
SAYBER SANAT	IRAN

	<u>COMPANY NAME</u>	<u>ORIGIN</u>
2.1.4.8- FIRE FIGHTING		
	ATRIN RADMEHR	IRAN
	NARFOAM KAR	IRAN
	FIRENOR	NORWAY
2.1.4.9- TELECOMMUNICATION & SCADA		
	GOROUHE SANATI RASM ARA	IRAN
	PAD RAAD PARSIAN	IRAN
	PARIN CONTROL	IRAN
	RAHBORD HAYE HOUSHMAND	IRAN
	SAYBER SANAT	IRAN
2.1.4.11- COATING & INSULATION		
	PASHME SANG ARYA	IRAN
	PASHME SANG ASIA	IRAN
	SAROUGE BON PEY	IRAN
2.1.4.12- FLARE SYSTEM		
	TO BE ADVISED LATER	
2.1.4.13- LINING		
	SAROUGE BON PEY	IRAN
	SHERKAT TOLIDI LASTIKHAYE SANATI MOBARAKEH (MIRCO)	IRAN
2.1.4.14- CLADDING		
	PARGASIRAN	IRAN
	WELDING ALLOYS	IRAN
2.2- INFRASTRUCTURE PROJECTS & CIVIL		
2.2.1- SITE PREPARATION		
	REFER TO "DEPUTY OF TECHNICAL AFFAIRS" LIST.(http://tec.mporg.ir/)	
2.2.2- LAND RECLAIMING & COMPACTION		
	REFER TO "DEPUTY OF TECHNICAL AFFAIRS" LIST.(http://tec.mporg.ir/)	
2.2.3- NON-INDUSTRIAL BUILDING		
	REFER TO "DEPUTY OF TECHNICAL AFFAIRS" LIST.(http://tec.mporg.ir/)	
2.2.4- ROADS		
	REFER TO "DEPUTY OF TECHNICAL AFFAIRS" LIST.(http://tec.mporg.ir/)	
2.3- OPERATION SERVICES		
2.3.1- PRE-COMMISSIONING		
	TO BE ADVISED LATER	
2.3.2- COMMISSIONING		
	TO BE ADVISED LATER	

<i>COMPANY NAME</i>	<i>ORIGIN</i>
2.3.3- MAINTENANCE	
2.3.3.1 - CRITICAL ROTARY MACHINE	
FANAVARI MASHINHAYE DAVAR BORNA (ROTECH)	IRAN
FANI MOHANDESI PETROSHIMI FARS (FPC)	IRAN
JAM SANATKARAN	IRAN
KARNO IDEAL ARMAN	IRAN
KHARAZMI-BANDAR IMAM CO.	IRAN
LUMAN SANAAT	IRAN
MABNA TOUSS COMPANY	IRAN
MODIRIAT NASB VA TAMIRAT NIROUYE PASARGAD (NTN)	IRAN
MOHANDESI PETRO TOURBIN GOSTAR PARS	IRAN
NASB VA TAMIR NIROUGAHAYE KHOZESTAN	IRAN
OMID SANAT JAVID	IRAN
PARSIAN ASIA / TMS	IRAN/GERMANY
PETRO SANAT JONOUB	IRAN
PISHGAM FARA SANAT (PFS)	IRAN
POUYA NASB PARS	IRAN
TAMIR VA NEGAHDASHT KARKHANEJAT SANAYEH PETROSHIMI (RAMPCO)	IRAN
TAMIRAT NIROUGAHI IRAN	IRAN
TARAH VA MOHANDESI DERAK PARSIAN	IRAN
TARAH VA SAKHT GHATAAT MASHIN ALAT SANAYE PETROSHIMI (TOUS)	IRAN
WOOD GROUP IRAN GHESHM	IRAN
2.3.3.2 - GENERAL	
AEEN TALASH TABRIZ	IRAN
DAMAVAND SANAT PARSA	IRAN
EHDAS VA KHODKAFAEE SANAY (SHAKHES)	IRAN
FANI MOHANDESI PETROSHIMI FARS (FPC)	IRAN
GOSTARESH SANAT NOAVARAN	IRAN
JAM SANATKARAN	IRAN
KHARAZMI-BANDAR IMAM CO.	IRAN
KHOZESTAN POWER PLANTS INSTALLATION & MAINTENANCE CO. (KPIM)	IRAN
LUMAN SANAAT	IRAN
MABNA TOUSS COMPANY	IRAN
MOHANDESI ABTIN PAJOUHAN	IRAN
MOHANDESI VA NASB FIRMCO PARS (FIRM CO)	IRAN
NEGAHDASHT KARAN	IRAN
OWJ-E- NASR	IRAN
PARS HASSAS	IRAN
PARSIAN ASIA	IRAN
PETRO PAY	IRAN
PETRO SANAT ESFAHAN	IRAN
PETRO SANAT JONOUB	IRAN
PETRO SINA	IRAN
PISHGAM FARA SANAT (PFS)	IRAN
SANA INFO TECH & INDUSTRIAL SERVICES CO.	IRAN
TALASH KARAN MAHER	IRAN
TAMIR VA NEGAHDASHT KARKHANEJAT SANAYEH PETROSHIMI (RAMPCO)	IRAN
TAMIRAT RAD NIROUYE TABAN GOSTAR	IRAN

<u>COMPANY NAME</u>	<u>ORIGIN</u>
2.3.3.3 - ELECTRICAL & INSTRUMENTATION	
AEEN TALASH TABRIZ	IRAN
EHDAS VA KHODKAFAEE SANAY (SHAKHES)	IRAN
ELM NIROU SHARGH	IRAN
FANAVARAN BARGH SANATI PISHGAM	IRAN
FANAVARANE ENERGY TOOS	IRAN
FANI MOHANDESI PETROSHIMI FARS (FPC)	IRAN
KHARAZMI-BANDAR IMAM CO.	IRAN
KHOZESTAN POWER PLANTS INSTALLATION & MAINTENANCE CO. (KPIM)	IRAN
LUMAN SANAAT	IRAN
MABNA TOUSS COMPANY	IRAN
MODIRIAT NASB VA TAMIRAT NIROUYE PASARGAD (NTN)	IRAN
MOHAM SHARGH GROUP	IRAN
MOHANDESI FARINEH SANAT	IRAN
MOHANDESI MOSHAVERAN SHIRAZ ENERGY (MOSHIRAN)	IRAN
MOHANDESI VA NASB FIRMCO PARS (FIRM CO)	IRAN
PARS HASSAS	IRAN
PARSIAN ASIA	IRAN
PAYESH SANAT OMID SEPAHAN	IRAN
PETRO PAY	IRAN
PETRO SANAT ESFAHAN	IRAN
PETRO SANAT JONUB	IRAN
PISHGAM FARA SANAT (PFS)	IRAN
SANA INFO TECH & INDUSTRIAL SERVICES CO.	IRAN
TAMIR VA NEGAHDASHT KARKHANEJAT SANAYEH PETROSHIMI (RAMPCO)	IRAN
TAMIRAT RAD NIROUYE TABAN GOSTAR	IRAN
TOULID BARGH JONOUB FARS	IRAN

2.3.3.4 - NET MECHANIZED SYSTEMS

2.3.3.4.1 - PREVENTIVE MAINTENANCE (PM)

ACTION	IRAN
AEEN TALASH TABRIZ	IRAN
ANDISHEH PARDAZAN SARAMAD	IRAN
DADEH PARDAZAN EHDAS	IRAN
DERAYAT GOSTAR	IRAN
FANI MOHANDESI PETROSHIMI FARS (FPC)	IRAN
KHARAZMI-BANDAR IMAM CO.	IRAN
MABNA TOUSS COMPANY	IRAN
MINA MAX	IRAN
MOHANDESI AFRAND RASAYE TEHRAN	IRAN
MOHANDESI TAMIRAT VA NEGAHDARI NIVAR SANAT	IRAN
MOHANDESI MOSHAVER BEHBOUD SYSTEM	IRAN

<u>COMPANY NAME</u>	<u>ORIGIN</u>
NAZM AFARIN TADBIRGAR SANAT	IRAN
PARSIAN ASIA / TMS	IRAN/GERMANY
PETRO PAYESH SANAT JONOUB	IRAN
PETRO SANAT ESFAHAN	IRAN
PETRO SANAT JONOUB	IRAN
PISHGAM FARA SANAT (PFS)	IRAN
SANA INFO TECH & INDUSTRIAL SERVICES CO.	IRAN
TAMIR VA NEGAHDASHT KARKHANEJAT SANAYEH PETROSHIMI (RAMPCO)	IRAN
TARAHİ VA MOHANDESI DERAK PARSİAN	IRAN

2.3.3.4.2 - **CONDITION MONITORING (CM)**

CAMPIOTERI BARG *	IRAN
FANI MOHANDESI PETROSHIMI FARS (FPC)	IRAN
FANI VA MOHANDESI ALBORZ TADBIR KARAN **	IRAN
KHARAZMI-BANDAR IMAM CO.	IRAN
MINA MAX	IRAN
MOHANDESI AFRAND RASAYE TEHRAN	IRAN
MOHANDESI TAMIRAT VA NEGAHDARI NIVAR SANAT	IRAN
MOHANDESI TAVATOR SEPAHAN	IRAN
PARSIAN ASIA / TMS	IRAN/GERMANY
PAYESH SANAT PARSİAN	IRAN
PEGAH AFTAB	IRAN
PETRO PAYESH SANAT JONOUB	IRAN
PETRO SANAT ESFAHAN	IRAN
PETRO SANAT JONOUB	IRAN
PISHGAM FARA SANAT (PFS)	IRAN
TARAHİ VA MOHANDESI DERAK PARSİAN	IRAN

* Just for Supply, Erection & Start-up of Vibration Monitoring

** Just for Oil Analysis

2.3.3.4.3- **COMPUTERIZED MAINTENANCE MANAGEMENT SYSTEM (CMMS)**

ANDISHEH PARDAZAN SARAMAD	IRAN
DADEH PARDAZAN EHDAS	IRAN
DERAYAT GOSTAR	IRAN
KHARAZMI-BANDAR IMAM CO.	IRAN
MINA MAX	IRAN
MOHANDESIN MOSHAVER BEHBOUD SYSTEM	IRAN
NAZM AFARIN TADBIRGAR SANAT	IRAN
PETRO PAYESH SANAT JONOUB	IRAN
PETRO SANAT ESFAHAN	IRAN
SANA INFO TECH & INDUSTRIAL SERVICES CO.	IRAN
DAEWOO (CONSORTIUM OF DAEWOO & EMAIN TEC.)	SOUTH KOREA
IFS	UAE
MINCOM	THAILAND

COMPANY NAME **ORIGIN**

2.3.3.4.4- RELIABILITY CENTERED MAINTENANCE (RCM)

MINA MAX	IRAN
MOHANDESI TAMIRAT VA NEGAHDARI NIVAR SANAT	IRAN
PETRO PAYESH SANAT JONOUB	IRAN
PETRO SANAT JONOUB	IRAN

2.4- PIPELINE CONTRACTORS

ARGHAVAN PAY	IRAN
ASFALT TOUS	IRAN
BORNAK	IRAN
DOR RIZ	IRAN
GHARARGAH SAZANDEGI KHATAM AL ANBIA	IRAN
IRAN ARVIN	IRAN
IRAN ERTEBAT	IRAN
JAHAN PARS	IRAN
JONDI SHAPOUR	IRAN
KHAT LOULEH IRAN	IRAN
KHAT-E ENTEGHAL	IRAN
LOZAN	IRAN
MAROON MECHANIC	IRAN
PAY VAREH	IRAN
PAYAB PEIMANKAR	IRAN
PERLITE	IRAN
SAHAND AZAR	IRAN
SAHAND SAZEH ALBORZ	IRAN
SAT	IRAN
SETIN SANAT ESPADAN	IRAN
TAMIR VA NEGAHDASHT KARKHANEJAT SANAYEH PETROSHIMI (RAMPCO)	IRAN
TARH VA BAZRASI	IRAN
THERMOVANE	IRAN
TOSAN NASB	IRAN
TOSE AB VA GAS IRAN	IRAN
ZIR ASAS	IRAN

COMPANY NAME

ORIGIN

2.5- MARINE STRUCTURE

2.5.1- JETTY PLATFORM

SANAYE DARYA FAN (SADAF)	IRAN
SANAYE VA BANADER AZAD FARASAHHEL (SABA)	IRAN

2.5.2- OFFSHORE STRUCTURES

IRAN MARINE INDUSTRIAL CO. (SADRA)	IRAN
NAFT SAZEH QESHM CO.	IRAN
SANAYE DARYA FAN (SADAF)	IRAN
SANAYE VA BANADER AZAD FARASAHHEL (SABA)	IRAN

2.5.3- SEA WATER INTAKE / OUTFALL

TO BE ADVISED LATER	
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2.6- TRANSPORTATION (HEAVY HAULING)

FAKHAR	IRAN
IRAN DENA	IRAN
PAZAND TARABAR	IRAN
SANGIN TARABAR	IRAN
SATI	IRAN
SHENAVAR DARYA	IRAN
TEHRANIHA	IRAN
VAZIN BAR	IRAN

2.7- RETROFITTING

TO BE ADVISED LATER	
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