



**NOANDISHAN ARYA**  
PROCESS & ENERGY ENG. CO.

**Reference List of NAPEEC**

Page:1/7

**A- EPC CONTRACT**

Date:  
January 2015

	<b>CLIENT / OWNER</b>	<b>PROJECT NAME</b>	<b>Location</b>	<b>Year</b>	<b>Project Brief Description</b>	<b>Scope of Work of NAPEEC</b>
1	Behin Saman Sarzamin/ MAPNA	Hormozgan Gas Power Plant Fuel & Natural Gas System	Hormozgan Gas Power Plant Fuel & Natural Gas System	2004	Gas oil unloading, storage & forwarding systems and fuel gas supply system for six (6) gas turbines + Natural gas supply for these gas turbines	E(BDR+DD)+PE
2	Tabdil Energy Paya/Mapna	Hormozgan Gas Power Plant Fire & Water System	Bandar Abbas-Iran	2004	Complete fire detection & alarm system Complete fire fighting system including cooling & foam system for oil storage tank & automatic deluge & water spray system water supply & treatment system (2 × 22 m <sup>3</sup> /day Demin water for gas turbines + 11.25 m <sup>3</sup> /day Potable water & Sewage treatment system	E(BDR+DD)+PE
3	Energy & Sanat Consulting Co. / Saman Soda Ash Co.	SODA ASH Production Plant	Semnan- Iran	2004	Design review of construction Drawings of 26 process vessels	DR
4	Energy and Sanat Consulting Co./ IOPTC	Marun 1 Pump Station	Omidieh-Iran	2004	Basic design and technical services of pump station expansion including 500,000 BBL crude storage tank	E(BD)+TS
5	Energy and Sanat Consulting Co./ IOPTC	Marun 3 Pump Station	Baghe Malek-Iran	2004	Basic design and technical services of pump station expansion Including 250,000 BBL crude oil storage tank	E(BD)+TS
6	Energy and Sanat Consulting Co./ IOPTC	Bidruyeh Pump Station	Andimeshk-Iran	2004	Basic design and technical services of pump station expansion including: Three 1200,000 BBL product storage tanks and booster pumps	E(BD)+TS



**NOANDISHAN ARYA**  
PROCESS & ENERGY ENG. CO.

**Reference List of NAPEEC**

Page:2/7

**A- EPC CONTRACT**

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7	Energy and Sanat Consulting Co./ IOPTC	Pali Baba Pump Station	Khoram Abad- Iran	2004	Basic design and technical services of pump station expansion Including: Two 600,000 BBL product storage tanks Booster pumps	E(BD)+TS
8	Energy and Sanat Consulting Co./ IOPTC	Imam Taghi Pump Station	Mashhad- Iran	2004	Basic design and technical services of pump station expansion including:Three 1200,000 BBL product storage tank Booster pumps	E(BD)+TS
9	Tabdil Energy Paya/MAPNA	Shirvan Gas Power Plant Fire & Water System	Shirvan-Iran	2005	Complete fire detection & alarm system Complete fire fighting system including: cooling & foam system for oil storage tank & automatic deluge & water spray system water supply & treatment system Sewage treatment system	E(BDR+DD)+PE
10	Tabdil Energy Paya / MAPNA	Touss Gas Turbine Water & Auxiliary Steam System	Mashad- Iran	2005	Including auxiliary boilers, water supply system, oil water collection & oil water separators	E(BDR+DD)+PE
11	Saman J.V/ NIOEC	Bandar Abbas Oil Depot Bandar Abbas-Esfahan Product Pipeline Increased Throughput Project	Bandar Abbas- Iran	2005	Oil depot booster pump capacity expansion including new booster pumps & pipelines	E(BDR+DD)+PE
12	Saman J.V/ NIOEC	Bandar Abbas Pump Station Bandar Abbas-Esfahan Product Pipeline Increased Throughput Project	Bandar Abbas- Iran	2005	Pump station expansion including: Main product pumps and auxiliaries	E(BDR+DD)+PE



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13	Saman J.V/ NIOEC	Ghotb Abad Pump Station Bandar Abbas-Esfahan Product Pipeline Increased Throughput Project	Ghotb Abad -Iran	2005	Pump station expansion including: Gas turbine drive pump installation and auxiliaries	E(BDR+DD)+PE
14	Saman J.V/ NIOEC	Mehr Aran Pump Station Bandar Abbas-Esfahan Product Pipeline Increased Throughput Project	Mehr Aran-Iran	2005	Pump station expansion including: Gas turbine drive pump installation New booster pumps Product storage tanks (3×120000 BBL) Fire fighting pump house Fire water storage tanks Relief tank	E(BDR+DD)+PE
15	Saman J.V/ NIOEC	Rafsanjan Pump Station Bandar Abbas-Esfahan Product Pipeline Increased Throughput Project	Rafsanjan-Iran	2005	Terminl & pump station expansion including: New main pumps New booster pumps Fire water pump station Product storage tank (2×250000 BBL)	E(BDR+DD)+PE
16	Saman J.V/ NIOEC	Yazd Pump Station Bandar Abbas-Esfahan Product Pipeline Through Increase Project	Yazd-Iran	2005	Pump station expansion including: New main pumps New booster pumps Product storage tank (3×120000 BBL) Fire water pump station Fire water tanks	E(BDR+DD)+PE
17	Saman J.V/ NIOEC	Naeen Pump Station Bandar Abbas-Esfahan Product Pipeline Increased Throughput Project	Naeen-Iran	2005	Pump station expansion including: New main pumps Relief tank & system Fire water pump house Fire water storage tanks	E(BDR+DD)+PE



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18	Saman J.V/ NIOEC	Esfahan Terminal Bandar Abbas- Esfahan Product Pipeline Increased Throughput Project	Esfahan-Iran	2005	Terminal expansion Receiving Station Relief tank & system	E(BDR+DD)+PE
19	Abadan Refinery	Abadan Refinery Industrial Waste Water Treatment Plant	Abadan-Iran	2006	450 m <sup>3</sup> /hr Industrial waste water treatment plant including: Chemical preparation & dosing systems Thickener & clarifier Control system Electrical system Field instruments	EPC
20	Abadan Refinery	Abadan Oil Refinery Co. Power station No.2 boilers No. 51/52/53/54 I&C System Revamping	Abadan-Iran	2006	Revamping of four (4) 45 years old boilers including: New burners BMS Control system ESD valves Control valves Air Blows Air dryer Field instruments Chemical dosing packages	EPC
21	Loshan power plant	Loshan Power Plant	Loshan-Iran	2006	Revamping of utility boiler including: New burners installation BMS ESD valve	E(BDR+DD)+PE
22	Tabdil Energy Paya / Mapna	Ardebil Gas Power Plant Fire & Water System	Ardebil	2006	Complete fire detection & alarm system Complete fire fighting system including: Cooling & foam system for oil storage tank & automatic deluge & water spray system Water supply & treatment system Sewage treatment system	E(BDR+DD)+PE



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**Reference List of NAPEEC**

Page:5/7

**A- EPC CONTRACT**

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23	Namvaran/BIPC	NF3 Bandar Imam Petrochemical	Bandar Imam	2007	Thermal and mechanical design and construction drawing of 26 type heat exchanger Mechanical design and construction drawings of 33 type pressure vessels	E(BD+DD)+PE
24	Zener/Mapna	Chabahar Gas Power Plant	Chabahar	2008	Complete fire detection & alarm system Complete fire fighting system including: Cooling & foam system for oil storage tank & automatic deluge & water spray system Water supply & treatment system Sewage treatment system	E(BDR+DD)+PE
25	Novin Tadbir Kish	Azadi Square	Tehran	2008	Pumping System	EP
26	Tecknicon	Dehloran Oil Field	Dehloran	2008	Process Design & Supply Of Internals For: - Separators - Crude Oil - Stripper - Deaerator	EP
27	EIED	Tabriz Refinery Neutralization Package	Tabriz	2009	Spent Caustic Soda Neutralization Package	EP
28	MAPNA / IPDC	Piping of Gas Turbine Power Plant	Iranshahr	2010	Piping Design for Natural Gas System, Fuel Oil Unloading & Forwarding System, Fire Water of Power Plant, Foam System, Water Supply System	E (DD + TS)



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29	Polymer Fars	Polymer	Fars	2011	Fars Polymer New Adhesive Package Plant	EP
30	PPL/IOEC/PPI Consortium & NIOC	Deaerators Package for National Iranian Oil Company South Pars Gas Field Development Phase 19, Tombak	Phase 19 South Pars	2011	Thermal Deaerator for Phase 19 South Pars	EPC
31	PPL/IOEC/PPI Consortium & NIOC	Polishing Water Package for National Iranian Oil Company South Pars Gas Field Development Phase 19, Tombak	Phase 19 South Pars	2011	Polishing Water Package For Phase 19 South Pars	EPC
32	PPL/IOEC/PPI Consortium & NIOC	Potable Water for National Iranian Oil Company South Pars Gas Field Development Phase 19, Tombak Package	Phase 19 South Pars	2011	Potable Water Package For Phase 19 South Pars	EPC
33	Kherad Industry/ NISOC	Ghaleh Nar Desalting & Sweetening Plant	Ghaleh Nar Desalting & Sweetening Plant	2013	Vacuum Deaerator for Ghaleh Nar	EPC



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**Reference List of NAPEEC**

Page:7/7

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34	AZAR AB Ind. Co./ Esfahan Refinery Co.	Esfahan Refinery Co.	Esfahan Refinery Co.	2013	Thermal Deaerator for Esfahan Refinery	EP
35	Behran Oil Company	Behran Oil Company	Behran Oil Company	2014	Thermal Deaerator for Behran Oil Company	EPC
36	Ilam Petrochemical Company	Olefin Plant Ilam Petrochemical Complex	Ilam Petrochemical Company	2014	Thermal Deaerator for ILam Petrochemical Company	EPC
37	Garma Gostar Energy Engineering/ Jam Petrochemical Company	Water Tube Boiler Jam Petrochemical Company	Jam Petrochemical Company	2014	Thermal Deaerator For Garma Gostar Project	EPC

**Activity:** E= Engineering  
P= Procurement  
C= Construction  
BDR = Basic Design Review  
BD = Basic Design  
DD = Detail Design  
PE = Procurement Engineering  
TS = Technical Services  
DR = Design Review

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