

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J17-0001	25	10"	150	Sweet Natural Gas	National Gas Distribution Network	Italy
J17-0004	2	20"	300	Sweet Natural Gas	National Gas Distribution Network	Italy
J17-0005	9	8"	2500	Sour Gas	Hydrocarbons network	UAE
J17-0006	7	2"	600	Sweet Natural Gas	National Gas Distribution Network	Italy
J17-0006	5	4"	600	Sweet Natural Gas	National Gas Distribution Network	Italy
J17-0006	1	8"	300	Sweet Natural Gas	National Gas Distribution Network	Italy
J17-0007	1	4"	600	Sweet Natural Gas	National Gas Distribution Network	Italy
J17-0008	25	12"	150	Sweet Natural Gas	National Gas Distribution Network	Italy
J17-0009	2	12"	150	Sweet Natural Gas	National Gas Distribution Network	Italy
J17-0010	3	16"	150	Diesel	Hydrocarbons network	Maroc
J17-0011	4	12"	150	Sweet Natural Gas	Hydrocarbons network	Zimbabwe
J17-0012	2	36"	900	Sweet Natural Gas	Provision of Lean Gas Pipeline Phase-1 / JANGKRIK COMPLEX PROJECT / ENI	Indonesia
J17-0013	4	12"	150	Avio Jet A1	National Gas Distribution Network	Italy
J17-0014	25	10"	150	Sweet Natural Gas	National Gas Distribution Network	Italy
J17-0014	25	12"	150	Sweet Natural Gas	National Gas Distribution Network	Italy
J17-0015	25	10"	150	Sweet Natural Gas	National Gas Distribution Network	Italy
J17-0015	25	12"	150	Sweet Natural Gas	National Gas Distribution Network	Italy
J18-0001	2	12"	150	Diesel	National Gas Distribution Network	Italy
J18-0002	1	10"	150	Sweet Natural Gas	National Gas Distribution Network	Italy
J18-0003	2	1"	300	Sweet Natural Gas	Jenema	Australia
J18-0004	1	16"	150	Diesel	Hydrocarbons network	Maroc
J18-0005	2	10"	150	H2O	National Gas Distribution Network	Italy
J18-0006	2	12"	400	Crude oil, Gas and Water injection.	Hydrocarbons network	Vietnam
J18-0006	2	8"	900	Crude oil, Gas and Water injection.	Hydrocarbons network	Vietnam
J18-0006	2	8"	1500	Crude oil, Gas and Water injection.	Hydrocarbons network	Vietnam
J18-0007	3	12"	600	Sweet Natural Gas	National Gas Distribution Network	Italy
J18-0008	35	10"	150	Sweet Natural Gas	National Gas Distribution Network	Italy

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J18-0009	2	24"	400	Potable Water	National Gas Distribution Network	Italy
J18-0010	5	4"	150	Sweet Natural Gas	Hydrocarbons network	Hungary
J18-0010	2	6"	150	Sweet Natural Gas	Hydrocarbons network	Hungary
J18-0011	4	10"	150	Sweet Natural Gas	National Gas Distribution Network	Italy
J18-0012	3	16"	600	Sweet Natural Gas	Hydrocarbons network	Egypt
J18-0013	20	1"	150	Sweet Natural Gas	Hydrocarbons network	Hungary
J18-0013	15	2"	150	Sweet Natural Gas	Hydrocarbons network	Hungary
J18-0014	1	10"	600	Multiphase	MEXICO AREA 1 DEVELOPMENT / ENI Maxico - 'Upstream Engineering LLC	MIZTON WHP / 'USA
J18-0014	1	12"	1500	Water Injection	MEXICO AREA 1 DEVELOPMENT / ENI Maxico - 'Upstream Engineering LLC	MIZTON WHP / 'USA
J18-0014	2	10"	900	Hydrocarbon Gas	MEXICO AREA 1 DEVELOPMENT / ENI Maxico - 'Upstream Engineering LLC	MIZTON WHP / 'USA
J18-0014	1	14"	600	Hydrocarbon Gas	MEXICO AREA 1 DEVELOPMENT / ENI Maxico - 'Upstream Engineering LLC	MIZTON WHP / 'USA
J18-0015	1	10"	600	Sweet Natural Gas	National Gas Distribution Network	Italy
J18-0016	10	10"	150	Sweet Natural Gas	National Gas Distribution Network	Italy
J18-0017	6	10"	150	Gasoil - Gasoline - Naphtha - Kerosene	Hydrocarbons network	Holland
J18-0018	20	1"	150	Sweet Natural Gas	Hydrocarbons network	Hungary
J18-0018	40	2"	150	Sweet Natural Gas	Hydrocarbons network	Hungary
J18-0019	1	4"	150	Sweet Natural Gas	Hydrocarbons network	USA
J18-0019	1	6"	150	Sweet Natural Gas	Hydrocarbons network	USA
J18-0019	2	8"	150	Sweet Natural Gas	Hydrocarbons network	USA
J18-0020	2	12"	150	Sweet Natural Gas	Hydrocarbons network	Italy
J18-0021	1	3"	150	Sweet Natural Gas	Atco Gas	Australia
J18-0022	14	12"	150	Sweet Natural Gas	Hydrocarbons network	Italy
J18-0024	50	10"	150	Sweet Natural Gas	National Gas Distribution Network	Italy
J18-0025	50	12"	150	Sweet Natural Gas	National Gas Distribution Network	Italy

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J18-0026	2	8"	150	Gasoil - Gasoline - Naphtha - Kerosene	Hydrocarbons network	Holland
J18-0027	3	12"	600	Sweet Natural Gas	Hydrocarbons network	Bangladesh
J18-0027	1	12"	300	Sweet Natural Gas	Hydrocarbons network	Bangladesh
J18-0028	1	6"	600	Sweet Natural Gas	National Gas Distribution Network	Italy
J18-0029	4	16"	600	Sweet Natural Gas	ENPPI	Egypt
J18-0030	6	4"	150	Sweet Natural Gas	Hydrocarbons network	Hungary
J18-0030	4	3"	150	Sweet Natural Gas	Hydrocarbons network	Hungary
J18-0031	12	12"	150	Gasoil - Gasoline - Naphtha - Kerosene	Petroleum Pipeline	Egypt
J18-0032	8	6"	1500	Produced Water	3959-100 Re-Injection FOR SITRA / 'ENPPI	Egypt
J18-0033	1	4"	600	Natural Gas	Hydrocarbons network	France
J18-0033	1	8"	600	Natural Gas	Hydrocarbons network	France
J18-0033	1	12"	150	Natural Gas	Hydrocarbons network	France
J18-0033	1	16"	150	Natural Gas	Hydrocarbons network	France
J18-0034	16	3"	300	Natural Gas	National Gas Distribution Network	Italy
J18-0035	5	12"	150	Benzine, Gazoline, C8, Benzine-Toluene, Paraffin	Hydrocarbons network	Hungary
J18-0035	1	14"	150	Benzine, Gazoline, C8, Benzine-Toluene, Paraffin	Hydrocarbons network	Hungary
J18-0035	1	16"	150	Benzine, Gazoline, C8, Benzine-Toluene, Paraffin	Hydrocarbons network	Hungary
J18-0036	1	14"	150	Sweet Natural Gas	Hydrocarbons network	Maroc
J18-0037	2	20"	600	Sweet Natural Gas	Hydrocarbons network	Tunisia
J18-0038	3	12"	600	Sweet Natural Gas	Hydrocarbons network	Tunisie
J18-0038	1	8"	600	Sweet Natural Gas	Hydrocarbons network	Tunisie
J18-0038	2	12"	300	Sweet Natural Gas	Hydrocarbons network	Tunisie
J18-0038	4	4"	300	Sweet Natural Gas	Hydrocarbons network	Tunisie
J19-0001	50	10"	150	Sweet Natural Gas	National Gas Distribution Network	Italy
J19-0002	5	14"	150	Sweet Natural Gas	National Gas Distribution Network	Italy

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J19-0003	3	12"	300	Sweet Natural Gas	National Gas Distribution Network	Italy
J19-0004	4	2"	150	Sweet Natural Gas	Atco Gas	Australia
J19-0004	4	6"	150	Sweet Natural Gas	Atco Gas	Australia
J19-0005	1	10"	300	Sweet Natural Gas	National Gas Distribution Network	Italy
J19-0006	2	8"	150	Sweet Natural Gas	Hydrocarbons network	Israel
J19-0007	5	16"	150	Sweet Natural Gas	National Gas Distribution Network	Italy
J19-0008	1	10"	150	Sweet Natural Gas	National Gas Distribution Network	Italy
J19-0009	6	4"	300	Sweet Natural Gas	National Gas Distribution Network	Italy
J19-0010	1	10"	600	Sweet Natural Gas	Atco Gas	Australia
J19-0011	4	12"	150	Diesel & Gasoline	Hydrocarbons network	Maroc
J19-0012	2	8"	150	Sweet Natural Gas	Hydrocarbons network	Israel
J19-0013	10	4"	2500	Sweet Natural Gas	ARH Dossier	Algeria
J19-0014	50	12"	150	Sweet Natural Gas	National Gas Distribution Network	Italy
J19-0015	6	03"	1500	Sweet Natural Gas	Hydrocarbons network	UAE
J19-0015	6	04"	1500	Sweet Natural Gas	Hydrocarbons network	UAE
J19-0016	4	16"	600	Sweet Natural Gas	Hydrocarbons network	Turkey
J19-0016	2	12"	600	Sweet Natural Gas	Hydrocarbons network	Turkey
J19-0016	2	8"	600	Sweet Natural Gas	Hydrocarbons network	Turkey
J19-0017	2	8"	400	Sweet Natural Gas	Hydrocarbons network	Hungary
J19-0018	50	2"	600	Sweet Natural Gas	National Gas Distribution Network	Italy
J19-0018	4	2"	300	Sweet Natural Gas	National Gas Distribution Network	Italy
J19-0018	4	3"	600	Sweet Natural Gas	National Gas Distribution Network	Italy
J19-0018	4	4"	300	Sweet Natural Gas	National Gas Distribution Network	Italy
J19-0018	2	12"	300	Sweet Natural Gas	National Gas Distribution Network	Italy
J19-0018	4	12"	600	Sweet Natural Gas	National Gas Distribution Network	Italy
J19-0019	1	8"	150	Sweet Natural Gas	Hydrocarbons network	Hungary
J19-0020	10	4"	10000	Sweet Natural Gas	Developpement et connexion de 11 puits au champ MLN (Menzel Lejmat North) / 'ARH	PERTAMINA / 'Algeria

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J19-0021	2	12"	300	Sweet Natural Gas	Hydrocarbons network	Turkey
J19-0021	1	20"	300	Sweet Natural Gas	Hydrocarbons network	Turkey
J19-0022	2	24"	150	Gasoil	Hydrocarbons network	Maroc
J19-0022	2	20"	150	Gasoil	Hydrocarbons network	Maroc
J19-0022	2	16"	150	Gasoil	Hydrocarbons network	Maroc
J19-0022	4	12"	150	Gasoil	Hydrocarbons network	Maroc
J19-0022	4	10"	150	Gasoil	Hydrocarbons network	Maroc
J19-0024	6	6"	150	Gasoil	Hydrocarbons network	Maroc
J19-0024	2	8"	150	Gasoil	Hydrocarbons network	Maroc
J19-0026	2	4"	150	Gasoil	Hydrocarbons network	Maroc
J19-0026	2	8"	150	Gasoil	Hydrocarbons network	Maroc
J19-0027	5	14"	150	Sweet Natural Gas	Hydrocarbons network	Italy
J19-0028	2	12"	600	Hydrocarbons	National Gas Distribution Network	Italy
J19-0028	2	8"	900	Hydrocarbons	National Gas Distribution Network	Italy
J19-0028	2	8"	2500	Hydrocarbons	National Gas Distribution Network	Italy
J19-0029	3	6"	1500	Sweet Natural Gas	National Gas Distribution Network	USA
J19-0030	1	3"	600	Sweet Natural Gas	Hydrocarbons network	Hungary
J19-0031	10	16"	150	Sweet Natural Gas	National Gas Distribution Network	Italy
J19-0032	1	10"	400	Potable Water	National Gas Distribution Network	Italy
J19-0033	1	4"	600	Sweet Natural Gas	Hydrocarbons network	Latvia
J19-0033	1	12"	150	Sweet Natural Gas	Hydrocarbons network	Latvia
J19-0034	2	20"	150	Potable Water	National Gas Distribution Network	Italy
J19-0035	1	12"	600	Sweet Natural Gas	National Gas Distribution Network	Italy
J19-0036	1	1"	300	Gas NF3	Air Liquide - 'National Gas Distribution Network	Italy
J19-0036	1	2"	300	Gas O2	Air Liquide - 'National Gas Distribution Network	Italy
J19-0037	3	6"	600	Sweet Natural Gas	Hydrocarbons network	USA

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J19-0038	2	16"	150	Crude Oil Vapor	National Gas Distribution Network	ENI Taranto - Italy
J19-0039	19	6"	1500	Hydrocarbons	National Gas Distribution Network	Italy
J19-0039	4	8"	600	Hydrocarbons	National Gas Distribution Network	Italy
J19-0040	2	6"	600	Sweet Natural Gas	Hydrocarbons network	Hungary
J19-0040	1	8"	600	Sweet Natural Gas	Hydrocarbons network	Hungary
J19-0043	1	10"	150	Overheated Water	National Gas Distribution Network	Italy
J19-0045	2	16"	300	Sweet Natural Gas	Hydrocarbons network	Serbia
J19-0046	2	14"	600	Crude Oil and Hydrocarbon Gas	1-0568 - ENI MEXICO AREA 1 DEVELOPMENT PROJECT - 'ENI Group	USA
J19-0046	2	10"	600	Gas Export	1-0568 - ENI MEXICO AREA 1 DEVELOPMENT PROJECT - 'ENI Group	USA
J19-0046	1	8"	600	Water Injection	1-0568 - ENI MEXICO AREA 1 DEVELOPMENT PROJECT - 'ENI Group	USA
J19-0046	1	10"	900	Water Injection	1-0568 - ENI MEXICO AREA 1 DEVELOPMENT PROJECT - 'ENI Group	USA
J19-0046	2	12"	1500	Water Injection	1-0568 - ENI MEXICO AREA 1 DEVELOPMENT PROJECT - 'ENI Group	USA
J19-0047	3	12"	600	Sweet Natural Gas	Atco Gas	Australia
J19-0049	3	3"	150	Sweet Natural Gas	Hydrocarbons network	Hungary
J19-0050	4	8"	150	Sweet Natural Gas	Hydrocarbons network	Hungary
J19-0051	1	6"	600	Sweet Natural Gas	Hydrocarbons network	Hungary
J19-0051	2	8"	300	Sweet Natural Gas	Hydrocarbons network	Hungary
J19-0051	1	12"	150	Sweet Natural Gas	Hydrocarbons network	Hungary
J19-0051	10	2"	150	Sweet Natural Gas	Hydrocarbons network	Hungary
J19-0052	2	30"	600	Sweet Natural Gas	Hydrocarbons network	Bolivia
J19-0053	3	1"	150	Hydrogen Gas	Hydrogen line for 'Nuclear Power Plant'	Alberta Canada
J19-0054	10	2"	150	Sweet Natural Gas	Hydrocarbons network	Hungary

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J19-0055	20	2"	150	Sweet Natural Gas	Hydrocarbons network	Turkey
J19-0055	10	3"	150	Sweet Natural Gas	Hydrocarbons network	Turkey
J19-0055	30	4"	600	Sweet Natural Gas	Hydrocarbons network	Turkey
J19-0055	50	6"	150	Sweet Natural Gas	Hydrocarbons network	Turkey
J19-0055	5	6"	600	Sweet Natural Gas	Hydrocarbons network	Turkey
J19-0055	4	8"	150	Sweet Natural Gas	Hydrocarbons network	Turkey
J19-0055	10	8"	600	Sweet Natural Gas	Hydrocarbons network	Turkey
J19-0055	3	10"	150	Sweet Natural Gas	Hydrocarbons network	Turkey
J19-0055	2	12"	150	Sweet Natural Gas	Hydrocarbons network	Turkey
J19-0055	2	12"	600	Sweet Natural Gas	Hydrocarbons network	Turkey
J19-0055	2	14"	150	Sweet Natural Gas	Hydrocarbons network	Turkey
J19-0055	1	14"	600	Sweet Natural Gas	Hydrocarbons network	Turkey
J19-0055	2	16"	150	Sweet Natural Gas	Hydrocarbons network	Turkey
J19-0055	1	16"	600	Sweet Natural Gas	Hydrocarbons network	Turkey
J19-0056	4	12"	600	Sweet Natural Gas	National Gas Distribution Network	Italy
J19-0057	6	16"	150	Sweet Natural Gas	National Gas Distribution Network	Italy
J19-0058	1	2"	600	Sweet Natural Gas	Atco Gas	Australia
J19-0059	1	4"	150	Sweet Natural Gas	Atco Gas	Australia
J19-0060	1	1/2"	150	Sweet Natural Gas & Water	Hydrocarbons network	Israel
J19-0060	1	1"	150	Sweet Natural Gas & Water	Hydrocarbons network	Israel
J19-0060	1	3"	150	Sweet Natural Gas & Water	Hydrocarbons network	Israel
J19-0060	3	2"	150	Sweet Natural Gas & Water	Hydrocarbons network	Israel
J19-0060	1	6"	150	Sweet Natural Gas & Water	Hydrocarbons network	Israel
J19-0060	2	1/2"	300	Sweet Natural Gas & Water	Hydrocarbons network	Israel
J19-0060	1	4"	300	Sweet Natural Gas & Water	Hydrocarbons network	Israel
J19-0061	1	30"	300	Sweet Natural Gas	National Gas Distribution Network	Italy
J19-0062	2	16"	300	Sweet Natural Gas	National Gas Distribution Network	Italy
J19-0063	2	28"	600	Potable Water	SWCC	Saudi Arabia

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J19-0063	1	60"	300	Potable Water	SWCC	Saudi Arabia
J19-0063	1	60"	400	Potable Water	SWCC	Saudi Arabia
J19-0064	3	8"	150	Natural Gas	Regas Project	Egypt
J19-0064	1	6"	600	Natural Gas	Regas Project	Egypt
J19-0064	1	8"	600	Natural Gas	Regas Project	Egypt
J19-0065	10	2"	150	Sweet Natural Gas	Hydrocarbons network	Turkey
J19-0065	20	3"	150	Sweet Natural Gas	Hydrocarbons network	Turkey
J19-0066	1	12"	600	Sweet Natural Gas	National Gas Distribution Network	Italy
J19-0067	1	12"	150	Sweet Natural Gas	Hydrocarbons network	Egypt
J19-0068	2	3"	300	Steam - Vapor	National Gas Distribution Network	Italy
J19-0069	1	40"	600	Natural Gas	Hydrocarbons network	Slovakia
J19-0070	1	24"	150	Natural Gas	Pertamina	Indonesia
19-0071	50	2"	150	Sweet Natural Gas	Hydrocarbons network	Hungary
19-0071	6	3"	150	Sweet Natural Gas	Hydrocarbons network	Hungary
19-0071	4	4"	150	Sweet Natural Gas	Hydrocarbons network	Hungary
19-0071	2	6"	150	Sweet Natural Gas	Hydrocarbons network	Hungary
J19-0072	2	6"	10000	Sweet Natural Gas	Developpement et connexion de 11 puits au champ MLN (Menzel Lejmat North) / 'ARH	PERTAMINA / 'Algeria
J19-0074	10	16"	150	Sweet Natural Gas	National Gas Distribution Network	Italy
J19-0075	1	2"	300	GPL	National Gas Distribution Network	Italy
J19-0075	1	3"	300	GPL	National Gas Distribution Network	Italy
J19-0079	2	18"	150	Sweet Natural Gas	National Gas Distribution Network	Italy
J19-0080	3	10"	600	Sweet Natural Gas	Hydrocarbons network	Turkey
J19-0081	3	14"	600	Sweet Natural Gas	National Gas Distribution Network	Italy
J19-0081	5	16"	600	Sweet Natural Gas	National Gas Distribution Network	Italy
J19-0082	2	16"	600	Sweet Natural Gas	Hydrocarbons network	Serbia
J19-0082	3	16"	300	Sweet Natural Gas	Hydrocarbons network	Serbia
J19-0082	3	20"	300	Sweet Natural Gas	Hydrocarbons network	Serbia

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J19-0083	30	10"	150	Sweet Natural Gas	National Gas Distribution Network	Italy
J19-0085	1	3"	150	Crude Oil	National Gas Distribution Network	Italy
J19-0086	1	6"	150	Sweet Natural Gas	Jenema	Australia
J19-0087	1	28"	150	Sweet Natural Gas	National Gas Distribution Network	Italy
J19-0088	4	24"	150	Potable Water	National Gas Distribution Network	Italy
J19-0089	1	28"	150	Gas Oil	Hydrocarbons network	USA
J19-0089	1	16"	300	Fuel Oil	Hydrocarbons network	USA
J19-0089	1	16"	600	Fuel Oil	Hydrocarbons network	USA
J20-0001	1	96"	150	Potable Water	Jubail - Riyadh Water Transmission System / ILF 'SWCC	Saudi Arabia
J20-0001	11	88"	150	Potable Water	Jubail - Riyadh Water Transmission System / ILF 'SWCC	Saudi Arabia
J20-0001	2	88"	300	Potable Water	Jubail - Riyadh Water Transmission System / ILF 'SWCC	Saudi Arabia
J20-0001	4	88"	400	Potable Water	Jubail - Riyadh Water Transmission System / ILF 'SWCC	Saudi Arabia
J20-0001	3	80"	150	Potable Water	Jubail - Riyadh Water Transmission System / ILF 'SWCC	Saudi Arabia
J20-0001	2	60"	150	Potable Water	Jubail - Riyadh Water Transmission System / ILF 'SWCC	Saudi Arabia
J20-0001	2	60"	300	Potable Water	Jubail - Riyadh Water Transmission System / ILF 'SWCC	Saudi Arabia
J20-0001	2	56"	150	Potable Water	Jubail - Riyadh Water Transmission System / ILF 'SWCC	Saudi Arabia
J20-0001	2	56"	300	Potable Water	Jubail - Riyadh Water Transmission System / ILF 'SWCC	Saudi Arabia
J20-0002	30	12"	150	Sweet Natural Gas	National Gas Distribution Network	Italy

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J20-0003	2	26"	1500	Hydrocarbon	NAM CON SON 2 GAS PIPELINE PROJECT / TECHNIP GEOPRODUCTION (M) SDN BHD (TPGM) - Technip FMC - 'Petrovietnam Gas JSC	Vietnam
J20-0004	6	2-1/2"	150	Sweet Natural Gas	Hydrocarbons network	Hungary
J20-0004	6	4"	150	Sweet Natural Gas	Hydrocarbons network	Hungary
J20-0005	1	8"	600	Sales Gas	Hydrocarbons network	Egypt
J20-0006	8	4"	400	Natural Gas	National Gas Distribution Network	Italy
J20-0007	2	10"	300	Sweet Natural Gas	Hydrocarbons network	Serbia
J20-0007	3	12"	300	Sweet Natural Gas	Hydrocarbons network	Serbia
J20-0007	2	14"	300	Sweet Natural Gas	Hydrocarbons network	Serbia
J20-0007	2	16"	300	Sweet Natural Gas	Hydrocarbons network	Serbia
J20-0008	1	10"	600	Multiphase (Oil/Water/Gas)	National Gas Distribution Network	Italy
J20-0008	1	8"	600	Multiphase (Oil/Water/Gas)	National Gas Distribution Network	Italy
J20-0009	4	16"	600	Sweet Natural Gas	Hydrocarbons network	Mexico
J20-0010	4	4"	1500	Crude Oil	Hydrocarbons network	Hungary
J20-0011	1	8"	600	Waste Water	National Gas Distribution Network	Italy
J20-0012	1	20"	600	Sweet Natural Gas	National Gas Distribution Network	Italy
J20-0012	1	18"	600	Sweet Natural Gas	National Gas Distribution Network	Italy
J20-0012	3	4"	600	Sweet Natural Gas	National Gas Distribution Network	Italy
J20-0012	2	4"	300	Sweet Natural Gas	National Gas Distribution Network	Italy
J20-0012	2	3"	600	Sweet Natural Gas	National Gas Distribution Network	Italy
J20-0012	2	2"	600	Sweet Natural Gas	National Gas Distribution Network	Italy
J20-0012	10	2"	150	Sweet Natural Gas	National Gas Distribution Network	Italy
J20-0012	6	1-1/4"	150	Sweet Natural Gas	National Gas Distribution Network	Italy
J20-0012	6	1"	600	Sweet Natural Gas	National Gas Distribution Network	Italy
J20-0013	2	20"	600	Raw Natural Gas	Sasol Petroleum	Mozambique
J20-0014	2	6"	150	Gasoil	Hydrocarbons network	Maroc

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J20-0014	2	8"	150	Gasoil	Hydrocarbons network	Maroc
J20-0015	1	2"	300	Gas O2	Air Liquide - 'National Gas Distribution Network	Italy
J20-0016	4	6"	600	Natural Gas	National Gas Distribution Network	Italy
J20-0017	4	6"	600	Produced Emulsion	Hydrocarbons network	UK
J20-0018	2	4"	600	Natural Gas	National Gas Distribution Network	Italy
J20-0018	3	10"	600	Natural Gas	National Gas Distribution Network	Italy
J20-0018	2	2"	600	Natural Gas	National Gas Distribution Network	Italy
J20-0019	1	8"	400	Natural Gas	Hydrocarbons network	Hungary
J20-0020	5	2"	600	Natural Gas	Hydrocarbons network	Algeria
J20-0020	5	4"	150	Natural Gas	Hydrocarbons network	Algeria
J20-0020	32	4"	600	Natural Gas	Hydrocarbons network	Algeria
J20-0020	26	6"	150	Natural Gas	Hydrocarbons network	Algeria
J20-0020	3	8"	150	Natural Gas	Hydrocarbons network	Algeria
J20-0020	3	10"	150	Natural Gas	Hydrocarbons network	Algeria
J20-0020	3	12"	150	Natural Gas	Hydrocarbons network	Algeria
J20-0021	4	26"	600	Hydrocarbons - Sales Gas (Sour)	Petrovietnam Gas JSC	Vietnam
J20-0021	1	30"	600	Hydrocarbons - Sales Gas (Sour)	Petrovietnam Gas JSC	Vietnam
J20-0021	2	26"	1500	Hydrocarbons - Sales Gas (Sour)	Petrovietnam Gas JSC	Vietnam
J20-0022	8	16"	150	Sweet Natural Gas	National Gas Distribution Network	Italy
J20-0023	2	10"	300	Sweet Natural Gas	National Gas Distribution Network	Italy
J20-0024	4	1/2"	600	Hydrogen Gas	National Gas Distribution Network	Italy
J20-0025	1	10"	600	Sales Quality Natural Gas	Atco Gas	Australia
J20-0026	1	2"	150	Natural Gas	Atco Gas	Australia
J20-0026	2	3"	150	Natural Gas	Atco Gas	Australia
J20-0027	1	20"	300	Sweet Natural Gas	Hydrocarbons network	Serbia
J20-0028	4	14"	150	Natural Gas	National Gas Distribution Network	Italy
J20-0029	4	14"	150	Potable Water	National Gas Distribution Network	Italy

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J20-0030	4	8"	150	Natural Gas	Hydrocarbons network	Hungary
J20-0032	1	4"	900	Natural Gas	National Gas Distribution Network	Italy
J20-0033	4	6"	900	Multiphase (Oil/Water/Gas)	Hydrocarbons network	Kazakistan
J20-0033	4	12"	900	Multiphase (Oil/Water/Gas)	Hydrocarbons network	Kazakistan
J20-0034	2	4"	150	Diesel & Gasoline	Hydrocarbons network	Maroc
J20-0034	2	8"	150	Diesel & Gasoline	Hydrocarbons network	Maroc
J20-0034	2	4"	150	Diesel & Gasoline	Hydrocarbons network	Maroc
J20-0035	1	3"	150	Natural Gas	Savcor	Australia
J20-0036	1	3"	150	Natural Gas	Savcor	Australia
J20-0037	5	1"	600	Natural Gas	Hydrocarbons network	Bulgaria
J20-0037	1	1-1/2"	600	Drainage water	Hydrocarbons network	Bulgaria
J20-0037	7	2"	600	gas condensate	Hydrocarbons network	Bulgaria
J20-0037	14	3"	600	Natural Gas	Hydrocarbons network	Bulgaria
J20-0037	3	6"	600	Natural Gas	Hydrocarbons network	Bulgaria
J20-0037	3	3"	300	Natural Gas	Hydrocarbons network	Bulgaria
J20-0037	1	4"	300	Natural Gas	Hydrocarbons network	Bulgaria
J20-0037	2	2"	150	Natural Gas	Hydrocarbons network	Bulgaria
J20-0037	3	4"	150	Natural Gas	Hydrocarbons network	Bulgaria
J20-0038	5	1"	600	Natural Gas	Hydrocarbons network	Bulgaria
J20-0038	1	1-1/2"	600	Drainage water	Hydrocarbons network	Bulgaria
J20-0038	7	2"	600	gas condensate	Hydrocarbons network	Bulgaria
J20-0038	14	3"	600	Natural Gas	Hydrocarbons network	Bulgaria
J20-0038	3	6"	600	Natural Gas	Hydrocarbons network	Bulgaria
J20-0038	3	3"	300	Natural Gas	Hydrocarbons network	Bulgaria
J20-0038	1	4"	300	Natural Gas	Hydrocarbons network	Bulgaria
J20-0038	2	2"	150	Natural Gas	Hydrocarbons network	Bulgaria
J20-0038	3	4"	150	Natural Gas	Hydrocarbons network	Bulgaria
J20-0039	2	4"	600	Sweet Natural Gas	Hydrocarbons network	Turkey

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J20-0039	1	6"	600	Sweet Natural Gas	Hydrocarbons network	Turkey
J20-0039	1	8"	600	Sweet Natural Gas	Hydrocarbons network	Turkey
J20-0039	4	12"	600	Sweet Natural Gas	Hydrocarbons network	Turkey
J20-0040	1	18"	150	Petroleum Product	Nika Engineering Ltd	Egypt
J20-0041	2	20"	300	Natural Gas	National Gas Distribution Network	Italy
J20-0042	4	14"	150	Natural Gas	National Gas Distribution Network	Italy
J20-0043	2	28"	600	Natural Gas	Hydrocarbons network	Bulgaria
J20-0044	1	8"	600	Natural Gas	Hydrocarbons network	Bulgaria
J20-0044	1	6"	600	Natural Gas	Hydrocarbons network	Bulgaria
J20-0045	4	8"	300	Diesel Fuel	Hydrocarbons network	Israel
J20-0045	8	12"	300	Diesel Fuel	Hydrocarbons network	Israel
J20-0045	1	10"	300	Diesel Fuel	Hydrocarbons network	Israel
J20-0046	3	8"	150	Natural Gas	Atco Gas	Australia
J20-0047	1	6"	150	Natural Gas	Atco Gas	Australia
J20-0047	2	4"	150	Natural Gas	Atco Gas	Australia
J20-0048	30	10"	150	Natural Gas	National Gas Distribution Network	Italy
J20-0049	8	14"	150	Natural Gas	National Gas Distribution Network	Italy
J20-0050	3	10"	600	Natural Gas	National Gas Distribution Network	Italy
J20-0051	2	1"	150	Hydrogen Gas	Hydrogen line for 'Nuclear Power Plant'	Alberta Canada
J20-0052	4	6"	300	Diesel Fuel	Hydrocarbons network	Israel
J20-0053	4	12"	150	Natural Gas	National Gas Distribution Network	Italy
J20-0054	10	10"	600	Natural Gas	National Gas Distribution Network	Italy
J20-0056	1	36"	300	Crude Oil	National Gas Distribution Network	Italy
J20-0057	1	12"	150	Potable Water	National Gas Distribution Network	Italy
J20-0058	30	1"	150	Natural Gas	Hydrocarbons network	Hungary
J20-0058	2	10"	150	Natural Gas	Hydrocarbons network	Hungary
J20-0059	3	10"	600	Natural Gas	National Gas Distribution Network	Italy
J20-0059	3	8"	600	Natural Gas	National Gas Distribution Network	Italy

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J20-0059	4	4"	600	Natural Gas	National Gas Distribution Network	Italy
J20-0060	5	1"	150	Natural Gas	Hydrocarbons network	Hungary
J20-0060	5	2"	150	Natural Gas	Hydrocarbons network	Hungary
J20-0060	5	2-1/2"	150	Natural Gas	Hydrocarbons network	Hungary
J20-0060	50	2"	150	Natural Gas	Hydrocarbons network	Hungary
J20-0061	10	16"	150	Natural Gas	National Gas Distribution Network	Italy
J20-0062	2	12"	400	Crude Oil	Hydrocarbons network	Hungary
J20-0063	4	4"	600	Natural Gas	Hydrocarbons network	Bulgaria
J20-0063	8	20"	600	Natural Gas	Hydrocarbons network	Bulgaria
J20-0063	1	24"	600	Natural Gas	Hydrocarbons network	Bulgaria
J20-0064	2	10"	150	Diesel & Gasoline	Hydrocarbons network	Maroc
J20-0065	1	10"	600	Natural Gas	National Gas Distribution Network	Italy
J20-0067	1	20"	150	Potable Water	National Gas Distribution Network	Italy
J20-0068	10	6"	1500	Natural Gas	Hydrocarbons network	Hungary
J20-0069	28	4"	600	Sweet Natural Gas	National Gas Distribution Network	Italy
J20-0070	3	12"	150	Natural Gas	Hydrocarbons network	Australia
J20-0071	22	12"	150	Natural Gas	National Gas Distribution Network	Italy
J20-0072	18	12"	150	Natural Gas	National Gas Distribution Network	Italy
J20-0073	20	1"	150	Natural Gas	Hydrocarbons network	Hungary
J20-0073	4	4"	150	Natural Gas	Hydrocarbons network	Hungary
J20-0073	3	6"	150	Natural Gas	Hydrocarbons network	Hungary
J20-0073	1	12"	105	Natural Gas	Hydrocarbons network	Hungary
J20-0074	3	24"	150	Natural Gas	National Gas Distribution Network	Italy
J20-0074	3	18"	150	Natural Gas	National Gas Distribution Network	Italy
J20-0075	2	8"	1500	Hydrocarbon Gas	KAMOSE & TAO FIELD PROJECT / 'Nospco	Egypt
J20-0075	1	10"	600	Hydrocarbon Gas	Nospco	Egypt
J20-0075	1	8"	600	Hydrocarbon Gas	Nospco	Egypt
J20-0076	25	10"	150	Natural Gas	National Gas Distribution Network	Italy

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J20-0077	25	10"	150	Natural Gas	National Gas Distribution Network	Italy
J20-0078	1	6"	600	Layer Water and Aqueous Liquid Waste	National Gas Distribution Network	Italy
J20-0082	2	2"	600	Layer Water and Aqueous Liquid Waste	National Gas Distribution Network	Italy
J20-0079	2	12"	600	Natural Gas	National Gas Distribution Network	Italy
J20-0080	6	3"	600	Natural Gas	National Gas Distribution Network	Italy
J20-0080	6	4"	300	Natural Gas	National Gas Distribution Network	Italy
J20-0080	3	2"	300	Natural Gas	National Gas Distribution Network	Italy
J20-0081	1	16"	300	LPG	Pertamina	Indonesia
J20-0081	1	6"	300	LPG	Pertamina	Indonesia
J20-0083	2	8"	150	Natural Gas	Atco Gas	Australia
J20-0083	1	6"	150	Natural Gas	Atco Gas	Australia
J21-0001	25	12"	150	Natural Gas	National Gas Distribution Network	Italy
J21-0002	25	12"	150	Natural Gas	National Gas Distribution Network	Italy
J21-0003	2	12"	150	H2O layer	National Gas Distribution Network	Italy
J21-0004	10	2"	400	GPL	National Gas Distribution Network	Italy
J21-0005	10	16"	150	Natural Gas	National Gas Distribution Network	Italy
J21-0006	2	40"	150	Potable Water	SWCC	Saudi Arabia
J21-0006	1	52"	150	Potable Water	SWCC	Saudi Arabia
J21-0006	1	52"	300	Potable Water	SWCC	Saudi Arabia
J21-0006	1	68"	150	Potable Water	SWCC	Saudi Arabia
J21-0006	2	80"	300	Potable Water	SWCC	Saudi Arabia
J21-0007	1	6"	150	Sweet Natural Gas	Hydrocarbons network	Israel
J21-0008	3	6"	150	Carbon Hydrogen, Technical Waste Water, Bottom Mud and Polluted Water, Bottom Mud and Polluted Water	Hydrocarbons network	Hungary
J21-0008	4	8"	150	Carbon Hydrogen, Technical Waste Water, Bottom Mud and Polluted Water, Bottom Mud and Polluted Water	Hydrocarbons network	Hungary

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J21-0008	6	12"	150	Carbon Hydrogen, Technical Waste Water, Bottom Mud and Polluted Water, Bottom Mud and Polluted Water	Hydrocarbons network	Hungary
J21-0008	2	16"	150	Carbon Hydrogen, Technical Waste Water, Bottom Mud and Polluted Water, Bottom Mud and Polluted Water	Hydrocarbons network	Hungary
J21-0009	2	18"	150	Kerosene, Gasoline etc..	Hydrocarbons network	Israel
J21-0009	1	30"	150	Kerosene, Gasoline etc..	Hydrocarbons network	Israel
J21-0009	2	14"	150	Kerosene, Gasoline etc..	Hydrocarbons network	Israel
J21-0009	2	8"	300	Kerosene, Gasoline etc..	Hydrocarbons network	Israel
J21-0011	2	26"	600	Hydrocarbons - Sales Gas (Sour)	Petrovietnam Gas JSC	Vietnam
J21-0012	3	3"	150	Sweet Natural Gas	Hydrocarbons network	Hungary
J21-0012	8	4"	150	Sweet Natural Gas	Hydrocarbons network	Hungary
J21-0012	1	8"	400	Sweet Natural Gas	Hydrocarbons network	Hungary
J21-0013	30	10"	150	Natural Gas	National Gas Distribution Network	Italy
J21-0014	30	10"	150	Natural Gas	National Gas Distribution Network	Italy
J21-0015	10	14"	150	Natural Gas	National Gas Distribution Network	Italy
J21-0016	1	4"	10000	Sweet Natural Gas	ARH	Algeria
J21-0017	1	24"	150	Sweet Natural Gas	Hydrocarbons network	Turkey
J21-0018	2	64"	150	Potable Water	SWCC	Saudi Arabia
J21-0018	6	60"	150	Potable Water	SWCC	Saudi Arabia
J21-0018	3	48"	150	Potable Water	SWCC	Saudi Arabia
J21-0019	2	2"	600	H2O layer	National Gas Distribution Network	Italy
J21-0019	2	3"	600	H2O layer	National Gas Distribution Network	Italy
J21-0020	1	20"	150	Gasoil	Hydrocarbons network	Maroc
J21-0021	1	28"	600	Natural Gas	Hydrocarbons network	Bulgaria
J21-0021	1	6"	600	Natural Gas	Hydrocarbons network	Bulgaria
J21-0022	50	10"	150	Natural Gas	National Gas Distribution Network	Italy

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J21-0023	50	12"	150	Natural Gas	National Gas Distribution Network	Italy
J21-0024	3	6"	300	Diesel Fuel	Hydrocarbons network	Slovenia
J21-0024	4	4"	300	Diesel Fuel	Hydrocarbons network	Slovenia
J21-0024	1	3-8"	300	Diesel Fuel	Hydrocarbons network	Slovenia
J21-0025	2	10"	300	Sweet Natural Gas	Hydrocarbons network	Serbia
J21-0025	2	12"	300	Sweet Natural Gas	Hydrocarbons network	Serbia
J21-0026	10	24"	150	Potable Water	National Gas Distribution Network	Italy
J21-0026	1	12"	150	Potable Water	National Gas Distribution Network	Italy
J21-0026	1	10"	150	Potable Water	National Gas Distribution Network	Italy
J21-0027	1	10"	600	Crude Oil	Hydrocarbons network	Bangladesh
J21-0027	1	10"	900	Gaslift	Hydrocarbons network	Bangladesh
J21-0027	1	10"	2500	Water Injection	Hydrocarbons network	Bangladesh
J21-0028	2	3"	10000	Sweet Natural Gas	ARH	Algeria
J21-0029	1	5"	300	Fuel Oil	Hydrocarbons network	Slovenia
J21-0029	2	3"	300	Fuel Oil	Hydrocarbons network	Slovenia
J21-0029	1	3/8"	300	Fuel Oil	Hydrocarbons network	Slovenia
J21-0030	1	10"	600	Natural Gas	National Gas Distribution Network	Italy
J21-0032	4	10"	150	H2O layer	National Gas Distribution Network	Italy
J21-0033	5	10"	300	Crude Oil	National Gas Distribution Network	Italy
J21-0034	2	6"	150	Oxygen	Air Liquide - 'National Gas Distribution Network	Italy
J21-0035	5	24"	150	Potable Water	National Gas Distribution Network	Italy
J21-0035	3	12"	150	Potable Water	National Gas Distribution Network	Italy
J21-0035	2	10"	150	Potable Water	National Gas Distribution Network	Italy
J21-0035	3	8"	150	Potable Water	National Gas Distribution Network	Italy
J21-0036	2	3"	150	Natural Gas	Hydrocarbons network	Hungary
J21-0036	3	12"	600	Natural Gas	Hydrocarbons network	Hungary
J21-0037	4	12"	600	Petroleum Product	National Gas Distribution Network	Italy

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J21-0038	1	16"	150	Water	Hydrocarbons network	Israel
J21-0039	1	20"	150	Sweet Natural Gas	Hydrocarbons network	Turkey
J21-0040	4	10"	600	Natural Gas	National Gas Distribution Network	Italy
J21-0044	1	1"	150	Natural Gas	Hydrocarbons network	Hungary
J21-0044	1	1-1/2"	150	Natural Gas	Hydrocarbons network	Hungary
J21-0044	2	2"	150	Natural Gas	Hydrocarbons network	Hungary
J21-0045	1	4"	150	Natural Gas	Hydrocarbons network	Hungary
J21-0048	1	48"	400	Natural Gas	Hydrocarbons network	Bulgaria
J21-0048	1	40"	400	Natural Gas	Hydrocarbons network	Bulgaria
J21-0048	4	20"	400	Natural Gas	Hydrocarbons network	Bulgaria
J21-0048	4	6"	400	Natural Gas	Hydrocarbons network	Bulgaria
J21-0049	6	6"	150	Natural Gas	Hydrocarbons network	Hungary
J21-0049	7	10"	150	Natural Gas	Hydrocarbons network	Hungary
J21-0049	9	12"	150	Natural Gas	Hydrocarbons network	Hungary
J21-0051	2	6"	150	Natural Gas	Hydrocarbons network	Hungary
J21-0051	6	8"	150	Natural Gas	Hydrocarbons network	Hungary
J21-0054	1	16"	300	Potable Water	Hydrocarbons network	Saudi Arabia
J21-0055	2	16"	150	Natural Gas	Hydrocarbons network	Israel
J21-0057	1	4"	600	Natural Gas	National Gas Distribution Network	Italy
J21-0058	10	16"	150	Natural Gas	National Gas Distribution Network	Italy
J21-0059	8	10"	300	Natural Gas	Hydrocarbons network	Bulgaria
J21-0060	10	3"	150	Natural Gas	Hydrocarbons network	Hungary
J21-0060	10	4"	150	Natural Gas	Hydrocarbons network	Hungary
J21-0060	4	6"	150	Natural Gas	Hydrocarbons network	Hungary
J21-0060	1	12"	150	Natural Gas	Hydrocarbons network	Hungary
J21-0062	1	10"	150	Natural Gas	Hydrocarbons network	Australia
J21-0063	2	3"	150	Oxygen	Air Liquide - 'National Gas Distribution Network	Italy

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J21-0063	1	6"	150	Oxygen	Air Liquide - 'National Gas Distribution Network	Italy
J21-0064	1	12"	150	Natural Gas	Hydrocarbons network	Israel
J21-0065	2	12"	150	Gasoil	National Gas Distribution Network	Italy
J21-0065	1	16"	150	Gasoil	National Gas Distribution Network	Italy
J21-0066	10	2"	300	Natural Gas	Hydrocarbons network	Argentina
J21-0066	10	3"	300	Natural Gas	Hydrocarbons network	Argentina
J21-0068	1	48"	150	Potable Water	Potable Water network	Australia
J21-0069	14	8"	900	Crude Oil	Zubair Oil Field Development / ENI	Iraq
J21-0069	2	16"	900	Crude Oil	Zubair Oil Field Development / ENI	Iraq
J21-0069	2	20"	900	Crude Oil	Zubair Oil Field Development / ENI	Iraq
J21-0070	20	2"	600	Natural Gas	Hydrocarbons network	USA
J21-0071	1	24"	300	Natural Gas	Hydrocarbons network	France
J21-0072	1	2"	150	Natural Gas	Hydrocarbons network	Australia
J21-0073	1	14"	150	Natural Gas	Hydrocarbons network	Australia
J21-0074	1	10"	600	Natural Gas	National Gas Distribution Network	Italy
J21-0074	1	16"	600	Natural Gas	National Gas Distribution Network	Italy
J21-0074	1	20"	600	Natural Gas	National Gas Distribution Network	Italy
J21-0075	1	6"	150	Natural Gas	Hydrocarbons network	Hungary
J21-0075	1	8"	150	Natural Gas	Hydrocarbons network	Hungary
J21-0078	10	6"	1500	Natural Gas	Hydrocarbons network	Hungary
J21-0079	2	3"	600	Natural Gas	National Gas Distribution Network	Italy
J21-0080	48	8"	900	Crude Oil	Zubair Oil Field Development / ENI	Iraq
J21-0082	1	16"	600	Natural Gas	121A01C EPCIC WHP D33 - TOPSIDE / LUKOIL-KMN LLC	Baltic Sea (Russia)
J21-0084	1	16"	600	Dehydrated gas, severely sour H2S service	KP01:Kashagan Pipelines-Onshore / NCOC	Kashagan - Kazakhstan
J22-0001	208	2"	600	Natural Gas	National Gas Distribution Network	Argentina

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J22-0002	6	20"	900	Crude Oil	Zubair Oil Field Development / ENI	Iraq
J22-0003	4	16"	600	Liquid Hydrocarbons	SOV OIL EXPORT PIPELINE / TECHINT / SHELL	Argentina
J22-0004	2	10"	150	Hot Water district heating @120°C	National Energy Network	Italy
J22-0005	50	10"	150	Natural Gas	National Gas Distribution Network	Italy
J22-0006	50	10"	150	Natural Gas	National Gas Distribution Network	Italy
J22-0007	10	16"	150	Natural Gas	National Gas Distribution Network	Italy
J22-0008	5	28"	150	Potable Water	Potable Water network	Italy
J22-0009	5	12"	600	Natural Gas	National Gas Distribution Network	Uruguay
J22-0010	1	12"	600	Natural Gas	National Gas Distribution Network	Italy
J22-0011	1	10"	1500	Natural Gas	National Gas / Edison	Italy
J22-0012	4	8"	600	Crude Oil (MIJ Duplex Material)	Hydrocarbons network	Egypt
J22-0013	1	12"	600	Natural Gas	National Gas Distribution Network	Argentina
J22-0014	4	16"	1500	Natural Gas	National Gas / Edison	Italy
J22-0015	1	6"	150	Natural Gas	National Gas Distribution Network	Australia
J22-0016	2	24"	150	Potable Water	Potable Water network	Italy
J22-0017	4	20"	600	Dry Gas for Export	Dry Gas Pipeline for PETRONAS Carigali Holding B.V. / PEG / SCOP	Iraq
J22-0018	10	14"	150	Natural Gas	National Gas Distribution Network	Italy
J22-0019	20	2" ÷ 16"	10000 ÷ 2500	Multiphase Well Fluid (Severely sour (NACE MR0175/ISO 15156)	Karachaganak Expansion Project Phase 1 Project (KEP1)	Kazakhstan
J22-0022	31	4" ÷ 16"	300 ÷ 900	HP oil & gas / Raw gas	OBL Scope - PSA Well Pad Surface Facilities (Mozambique) - VGI	Mozambique
J22-0024	1	72"	150	Potable Water	Potable Water network	Malaysia
J22-0027	1	36"	1500	Hydrocarbon (Vapour)	Pluto Train 2 - Woodside	Australia
J22-0028	6	24"	150	Water	Raddoppio Condotta Russi/Cotignola	Italy
J22-0029	6	6"÷10"	600	Natural Gas	SONATRACH - ENI - TAGI OIL PRODUCTION TRUNKLINE	Algeria
J22-0030	4	10	300	Crude Oil	Hungary	Hungary

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J22-0031	1	8	1500	Natural Gas	Hydrocarbons network	Italy
J22-0032	2	18	600	Natural Gas	ExxonMobil	Brazil
J22-0033	3	2÷4	600	Acqua di strato e rifiuto liquido acquoso	Hydrocarbons network	Italy
J22-0034	1	8	600	Gas	Hydrocarbons network	Italy
J22-0035	41	10÷36	150÷900	Hdrocarbons Project	Hydrocarbons network	Turkey
J22-0036	15	4,25÷4,50	1500	Natural Gas	Hydrocarbons network	Italy
J22-0037	2	16	150	Natural Gas	Hydrocarbons network	Italy
J22-0038	4	42	150	Potable Water	Mekorot	Israel
J22-0039	7	4÷12	600÷1500	Natural Gas	Hydrocarbons network	Italy
J22-0040	1	8	300	Natural Gas	Petrovietnam Gas JSC	Vietnam
J22-0041	43	1÷28	150÷600	Natural Gas	Hydrocarbons network	Italy
J22-0042	4	24	900	Natural Gas	Hydrocarbons network	Italy
J22-0043	7	3÷4	150	Aggressive Liquids	Hydrocarbons network	Italy
J22-0044	40	10÷12	150	Natural Gas	Hydrocarbons network	Italy
J22-0045	2	8	900	Natural Gas	Hydrocarbons network	Italy
J22-0046	11	18÷24	150	Natural Gas	Hydrocarbons network	Italy
J22-0047	10	10÷16	150	Gasoil	Hydrocarbons network	Maroc
J22-0048	1	8	300	Natural Gas	Hydrocarbons network	Italy
J22-0049	2	20	150	Natural Gas	Hydrocarbons network	Italy
J22-0050	1	6	900	Natural Gas	Hydrocarbons network	Italy
J22-0051	2	10	600	Natural Gas	Hydrocarbons network	Italy
J22-0052	2	1÷1,5	1500	Hdraulic Oil	Northern Lights	Norway
J22-0053	2	10	900	Natural Gas	Hydrocarbons network	Egypt
J22-0054	2	1	150	Multiphase	Mineral refining plant	Far-East
J22-0055	2	60÷64	150	Potable Water	Mekorot	Israel
J22-0056	4	10÷16	300÷600	Natural Gas	Mexico. City Gate	Mexico
J22-0057	10	6	1500	Natural Gas	Hydrocarbons network	Hungary
J22-0058	2	16	600	Natural Gas	Hydrocarbons network	United States

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J22-0059	30	1÷2	150	Natural Gas	Hydrocarbons network	Hungary
J22-0060	8	16	150	Natural Gas	Hydrocarbons network	Italy
J22-0061	2	2	600	Stratum water and aqueous liquid waste	Hydrocarbons network	Italy
J22-0062	1	16	600	Natural Gas	Hydrocarbons network	Argentina
J22-0063	2	36	150	Sour Gas	Hydrocarbons network	Italy
J22-0064	4	8÷12	300	Natural Gas	Ghana Bridge Power Plant	Ghana
J22-0065	1	18	150	Water	Hydrocarbons network	Italy
J22-0066	1	24	900	Natural Gas	Hydrocarbons network	Argentina
J22-0067	4	2	900	Natural Gas	Central of Vitalba	Italy
J22-0068	3	2÷8	600	Natural Gas	Hydrocarbons network	Italy
J22-0069	5	4÷28	150÷400	Natural Gas	Hydrocarbons network	Republic of Serbia
J22-0070	100	12	150	Natural Gas	Hydrocarbons network	Italy
J22-0071	6	30÷42	600	Gas	Zohr	Egypt
J22-0072	135	4÷16	150÷600	Natural Gas	Hydrocarbons network	Egypt
J22-0073	2	16	900	Natural Gas	Zubair Oil Field Development Project	Iraq
J22-0074	4	20	300	Natural Gas	Hydrocarbons network	Italy
J22-0075	9	18÷36	600	Gas	GASODUCTO PRESIDENTE NÉSTOR KIRCHNER Y OBRAS COMPLEMENTARIAS ETAPA I (GPNK)	Mexico
J22-0076	1	36	150	Crude oil and fresh water	Raff. Fiumicino	Italy
J22-0077	20	6÷36	150÷900	Sour Gas	Hydrocarbons network	United Arab Emirates
J22-0078	2	32	900	Sour Wet Gas	Hydrocarbons network	Italy
J22-0079	2	20	150	Natural Gas/Potable Water	Hydrocarbons network	Italy
J22-0080	13	32÷100	150	Water	Al Moghammas reservoir transmission system	Saudi Arabia
J22-0081	6	6	900	Natural Gas	Hydrocarbons network	Italy
J22-0082	3	16	300÷600	Brine	Periclase	Israel
J22-0083	6	16	150	Natural Gas	Hydrocarbons network	Italy

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J22-0084	12	4÷12	2500	Hydrogen	Hydrogen Gas Pipeline Network	USA
J22-0085	100	10	150	Natural Gas	Hydrocarbons network	Italy
J22-0086	10	16	150	Natural Gas	Hydrocarbons network	Italy
J22-0087	10	14	150	Natural Gas	Hydrocarbons network	Italy
J22-0088	2	2	2500	Hydrogen	Hydrogen Gas Pipeline Network	USA
J22-0089	1	6	600	Natural Gas	Hydrocarbons network	Ungary
J22-0090	11	12÷20	600	Natural Gas	Hydrocarbons network	Argentina
J22-0091	22	3÷12	150÷300	Natura Gas	Hydrocarbons Network	Serbia
J22-0092	30	4÷6	150÷600	Natural Gas	Hydrocarbons network	Algeria
J22-0093	1	4	600	Natural Gas	Hydrocarbons network	Middle East
J22-0094	4	1,5÷20	150	Hot Water @ 145°C	Nuclear Power Plant	East Europe
J22-0095	1	2	150	Natural Gas	Hydrocarbons network	Australia
J22-0096	4	8	1500	Natural Gas	Hydrocarbons network	Middle East
J22-0097	2	12÷24	300	Natural Gas	Hydrocarbons network	Egypt
J22-0098	26	3÷10	300÷1500	Nuatural Gas - Hydrocarbons - Hydrogen	082755C - RDCG (Rotterdam Capacity Growth) NESTE - Technip Energy	Holland
J22-0099	2	6	900	Natural Gas	Hydrocarbons network	Italy
J22-0100	4	2÷3	600	Water & Crude Oil	Hydrocarbons network	Italy
J23-0001	8	18÷20	900÷1500	Hydrocarbons	ENI - 'Hydrocarbons network	Iraq
J23-0002	6	16÷60	150÷600	Potable Water	SWCC - Mutalq Al Ghowairy	Saudi Arabia
J23-0003	1	10	600	Hydrocarbons	Hydrocarbons network	Greece
J23-0004	12	12÷30	300	Hydrocarbons	Hydrocarbons network	Italy
J23-0005	30	16	150	Natural Gas	Hydrocarbons network	Italy
J23-0006	1	6	600	Natural Gas	Hydrocarbons network	East Europe
J23-0007	1	4	600	Cathodic Anod Insulation Support	ENI Plant on patform	Unknow
J23-0008	1	16	600	Oil	EXPORT PIPELINE FROM CPF TO ZUBAIDIYA POWER PLANT	Iraq
J23-0009	12	10	300	LNG	Hydrocarbons network	Tunisia

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J23-0010	5	24÷36	600	Natural Gas	gasoductos de IEASA	Argentina
J23-0011	2	10	300	Natural Gas	Hydrocarbons network	Unknow
J23-0012	7	48÷88	150÷300	Potable Water	SWCC	Saudi Arabia
J23-0013	1	16	600	Water & Crude Oil	ENI - Angola	Angola
J23-0014	2	24	150	Potable Water	MKOROT9472	Israel
J23-0015	8	3	600	Hydrocarbons	Hydrocarbons network	Italy
J23-0016	1	2	1500	Hydrocarbons	ENI	Italy
J23-0017	4	96	150	Raw Water	Hydrocarbons network	Malaysia
J23-0018	11	2	2500	Hydrogen	Hydrogen Gas Pipeline Network	USA
J23-0019	1	10	600	Natural Gas	Hydrocarbons network	Ungary
J23-0020	2	14	150	Natural Gas	RESTRUCTURATION DE L'USINE DE VALORISATION ENERGETIQUE DE VILLEJEAN	France
J23-0021	2	10	600÷1500	Well fluid; Treated Water	MEXICO AREA 1 DEVELOPMENT - Amoca WHP2 & Tecoalli EPC	Mexico
J23-0022	1	8	600	Well fluid	MEXICO AREA 1 DEVELOPMENT - Amoca WHP2 & Tecoalli EPC	Mexico
J23-0024	28	8	2500	Natural Gas	Bapteco	Egypt
J23-0025	8	20	150	Potable Water	Hydrocarbons network	Italy
J23-0026	1	10	900	Light Hydrocarbons	Hydrocarbons network	Spain
J23-0027	30	10	150	Natural Gas	Hydrocarbons network	Italy
J23-0028	6	3÷4	300	Natural Gas	Hydrocarbons network	Italy
J23-0029	9	2÷4	600	Raw Water	Water network	Italy
J23-0030	1	18	150	Natural Gas	Hydrocarbons network	Italy
J23-0031	1	1	150	Hydrogen Gas	Hydrogen Gas Pipeline Network	Italy
J23-0032	1	6	150	Natural Gas	Hydrocarbons network	Australia
J23-0033	7	40÷48	150÷600	Potable Water	Neom Water Transmission System from Al Bada'a Pumping Station Lower Mountain and Visitor Center Reservoirs	Saudi Arabia

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J23-0034	4	32÷56	150÷300	Potable Water	Neom Water Transmission System from Al Bada'a Pumping Station Lower Mountain and Visitor Center Reservoirs	Saudi Arabia
J23-0035	1	32	150	Potable Water	Water network	Italy
J23-0037	8	2	600	Natural Gas	Hydrocarbons network	Italy
J23-0038	1	6	900	Natural Gas	Hydrocarbons network	Ungary
J23-0039	50	1÷20	150÷1500	Natural Gas	BULGARTRANGAS	Bulgaria
J23-0040	2	6	150	Natural Gas	Hydrocarbons network	Ungary
J23-0041	29	3÷12	150	Natural Gas	Hydrocarbons network	Ungary
J23-0042	10	6	1500	Natural Gas	Hydrocarbons network	Ungary
J23-0043	6	16	600	Natural Gas	LA CALERA-4636197	Italy
J23-0044	1	1	150	Natural Gas	Hydrocarbons network	Italy
J23-0045	10	16	150	Natural Gas	Hydrocarbons network	Italy
J23-0046	6	12÷24	600÷900	Natural Gas	Calera Project / Pluspetrol	Argentina
J23-0049	4	20÷36	300	Service Water	Jeddah 3	Saudi Arabia
J23-0050	10	2÷18	2500÷10000	Multiphase Well Fluid - it4 HP Sour Gas	KARACHAGANAK PETROLEUM OPERATING B.V	Kazakhstan
J23-0051	1	14	150	Petrol	Raffineria in Augusta per Sasol	Italy
J23-0052	2	18	600	Hydrogen Gas	Hydrogen Gas Pipeline Network	USA
J23-0054	21	2÷28	600	Natural Gas	BULGARTRANGAS	Bulgaria
J23-0055	1	10	150	Petrol	Raffineria in Augusta per Sasol	Italy
J23-0056	2	10	300	Natural Gas	Hydrocarbons network	Italy
J23-0057	274	8÷16	150÷600	Natural Gas	Hydrocarbons network	Algeria
J23-0058	3	12÷20	300	Natural Gas	Hydrocarbons network	Maroc
J23-0059	2	4,5÷32	900÷2500	Multiphase - MEG - Sour	Hydrocarbons network / Shell	Malaysia
J23-0060	30	10	150	Natural Gas	Hydrocarbons network	Italy
J23-0061	30	10	150	Potable Water	Water network	Italy
J24-0001	4	8 ÷ 16	400	Natural Gas	Hydrocarbons network / Petrouzinex Srl	Romania

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J24-0002	10	10 ÷ 20	600÷900	Sour Gas	Hydrocarbons pipeline network	Middle East
J24-0003	1	10	600	Natural Gas	Hydrocarbons network	Italy
J24-0004	3	10÷12	900	Natural Gas	Hydrocarbons network / Exolum	Espana
J24-0005	1	16	600	30% Hydrogen Gas - 70% Natural Gas	Hydrogen-Hydrocarbon network / DEMONT	Italy
J24-0006	25	12	150	Potable Water	Water network	Italy
J24-0007	4	16	900	Natural Gas	Hydrocarbons pipeline network	Argentina
J24-0008	3	3/4	600	Natural Gas	Hydrocarbons network	USA
J24-0009	34	2÷14	600	Natural Gas	Hydrocarbons pipeline network	Argentina
J24-0010	25	12	150	Natural Gas	Hydrocarbons network	Italy
J24-0011	2	10	150÷600	Natural Gas	Hydrocarbons network / NGC Energy S.A.	Saudi Arabia
J24-0012	10	6	1500	Natural Gas	Hydrocarbons pipeline network	Bulgaria
J24-0013	2	10	600	Natural Gas	Hydrocarbons network	Bulgaria
J24-0014	6	6÷12	600	Crude Oil	Oleoducto Bajo del Choique Nordeste / ExxonMobil Exploration Argentina Srl	Argentina
J24-0015	9	12÷24	600÷900	Natural Gas	Hydrocarbons pipeline network	Argentina
J24-0016	11	12÷16	600÷900	Natural Gas	Hydrocarbons pipeline network	Argentina
J24-0017	2	10	600	Natural Gas	Hydrocarbons network	Unknow
J24-0018	2	20-30	600	Natural Gas	Hydrocarbons pipeline network	Argentina
J24-0019	2	10	300	Natural Gas	Hydrocarbons network	Unknow
J24-0020	10	16	150	Potable Water	Water network	Italy
J24-0021	4	8÷12	150÷300	Potable Water	Water network	Italy
J24-0022	2	18	600	ÁLCOOL ANÍDRO, ÁLCOOL HIDRATADO, QAV, NAFTA, DIESEL E GASOLINA	ESTAÇÃO DE ATIBAIA/Petrobras	Brazil
J24-0023	50	10	150	Potable Water	Water network	Italy
J24-0024	12	2÷10	900÷1500	Produced Water contaminated with solids	Gorgon CO2 Long-term Optimisation Project / CHEVRON Australia	Australia
J24-0025	2	24	300	Crude oil	TROUVAY & CAUVIN Gulf FZCO / Total Energies	Iraq

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J24-0026	4	1,5÷3	600	GPL	Villacidro Station	Italy
J24-0027	2	12	400	Natural Gas	Hydrocarbons network	Ungary
J24-0028	1	6	900	Natural Gas	Hydrocarbons network	Italy
J24-0030	4	14	600	Natural Gas	Hydrocarbons network	Italy
J24-0031	1	16	600	Natural Gas	Hydrocarbons network	Italy
J24-0033	4	20	150	Potable Water	Water network	Italy
J24-0034	2	2	1500	Natural Gas	Hydrocarbons network	Italy
J24-0035	2	10÷14	150	Natural Gas	Hydrocarbons network	Ungary
J24-0036	1	10	600	Natural Gas	Hydrocarbons network	Italy
J24-0037	2	30÷36	600	Natural Gas	Hydrocarbons network	Argentina
J24-0038	1	10	400	Natural Gas	Hydrocarbons network	Ungary
J24-0040	1	24	300	Natural Gas	Hydrocarbons network	Romania
J24-0041	1	10	300	Natural Gas	Hydrocarbons network	Romania
J24-0042	2	20	300	Natural Gas	Hydrocarbons network	Romania
J24-0043	11	6÷8÷10	2500÷10000	Natural Gas	KARACHAGANAK PETROLEUM OPERATING B.V.	Kazakhstan
J24-0044	1	12	300	Potable Water	Water network	Saudi Arabia
J24-0045	4	12	600	Natural Gas	Hydrocarbons network	Italy
J24-0046	3	12	150	Natural Gas	Hydrocarbons network	Italy
J24-0047	1	24	150	Natural Gas	Hydrocarbons network	Italy
J24-0048	39	4÷6÷8÷10	600÷2500	Natural Gas	INTERCONNECTING NETWORK/Total Energies	UAE
J24-0049	18	3÷4÷6÷8	900÷2500	Natural Gas/Diesel	Hydrocarbons network	Italy
J24-0050	1	12	400	Natural Gas	Hydrocarbons network	Bulgaria
J24-0051	2	24	600	Desalinated Water	Minera Los Pelambres/Bechtel	Argentina
J24-0052	2	8	300	Natural Gas	CBI PIPELINE Project	Ghana
J24-0053	21	3÷4÷6	300	Natural Gas	Hydrocarbons network	Argentina

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination
J24-0054	3	4÷6	150÷300	Potable Water	WTS From Al Bada'a Pumping Station to Lower Mountain and Visitor Center Reservoirs/NEOM Company	Saudi Arabia
J24-0055	10	6	1500	Natural Gas	Hydrocarbons network	Ungary
J24-0056	50	10	150	Potable Water	Water network	Italy
J24-0057	17	10÷36	150÷300	Water	New Satellite Plant Water Trasmission System - F	Saudi Arabia
J24-0058	18	14	150	Natural Gas	Hydrocarbons network	Italy
J24-0059	1	68.75	150	Service Water	Overaa Construction	USA
J24-0060	48	8÷16	2500÷10000	Raw Gas for Re-injection ; Multiphase Well Fluid	KARACHAGANAK PETROLEUM OPERATING B.V	Kazakhstan
J24-0061	2	12	150÷400	Potable Water	Water network	Italy
J24-0062	10	6÷24	150÷600	Treated Oil ; Multiphase Fluid; Condensate Line	TotalEnergies EP Ratawi Hub	Iraq
J24-0063	1	16	150	Natural Gas	Hydrocarbons network	Ungary
J24-0064	8	6	1500	Natural Gas	Hydrocarbons network	Ungary
J24-0065	2	12	300	Service Water (TBC)	Wahhah Jeddah Industrial City Water Transmission System & Riyas NGL Water Transmission System	Saudi Arabia
J24-0066	1	12	900	Natural Gas	Hydrocarbons network	Spain
J24-0067	3	10÷14	300÷900	Natural Gas	Bouri Gaz Utilization Project	Libia
J24-0068	1	10	600	Natural Gas	Hydrocarbons network	Italy
J24-0069	18	12÷16	150	Natural Gas	Hydrocarbons network	Italy
J24-0070	48	12÷16	150	Potable Water	Water network	Italy
J24-0071	1	8	600	Oxigen Gas	Hydrocarbons network	Italy
J24-0072	1	64	150	Service Water	Green Riyadh PROJECT	Saudi Arabia
J24-0073	1	6	600	gasolina, diesel, jetA1	Hydrocarbons network	Spain
J24-0074	1	14	900	gasolina, diesel, jetA1	Hydrocarbons network	Spain



ERAM Technologies Srl
Job - Project Reference List

Monolithic Insulation Joints

[illegible]



ERAM Technologies Srl Job - Project Reference List

Monolithic Insulation Joints

ERAM Tec. Job No.	Q.ty	Size NPS (inch)	Pressure Rating	Fluid / Note	Project / End User	Plant / Destination