

	BARAN ISRAEL LIST OF MATERIALS AND PARTS תשתיות אנרגיה	PROJECT:רציפות תפקודית PROJECT No:1-033-001 SUBJECT:Uza - Ashkelon Document No: 001-BAR-MAN-MTO-037	By: E.S. Check:E.S. Rev.P0 Date:13/09/2024					
Item No.	Description	Size	Rating	Unit	Qty	SERIAL NO.	Supplied by	Remarks
1	Steel Pipe for casing 24inchX0.5inch,Material-API 5L,X42 /X52 ,PSL-2,Bare,SAWL	24" x 0.5"	STD	m	4,488		PEI	
2	pipe 18 inch API 5L X52 SMLS w.t. 0.5 inch PSL2 ,Bare, acc to spec	18" x 0.5"	STD	m	124		PEI	
3	pipe 12 inch API 5L X52 SMLS w.t. 0.438 inch PSL2 WITH COATING Pollyethylene THK= 3 mm, acc to spec	12 3/4" x 0.438"		m	21,437		PEI	
4	pipe 12 inch API 5L X52 SMLS w.t. 0.438 inch PSL2 WITH COATING POLLYPROPYLENE THK= 4 mm, acc to spec	12 3/4" x 0.438"		m	1,755		PEI	
5	pipe 12 inch API 5L X52 SMLS w.t. 0.438 inch PSL2, acc to spec	12" x 0.438"		m	12		PEI	
6	pipe 2 inch API 5L,PSL2 X42 sch 80 , Bare	2"		m	272		PEI	
7	STEEL PIPE API 5L, L290 (X42) , LONGITUDINAL SEAM, THREE LAYERS EXTRUDED HDPE COATING, THK-3mm	2 3/8" x 0.218"	XS	m	744		PEI	
8	CAP ASTM B16.9, A234, WPR, 10 inch we xs	12"	XS	pc	5			
9	FLANGE WN,RF,ASTM A-105, ASME B 16.5	2"	#150	pc	273		PEI	
10	ELL.90°, L.R. CS WE, ASTM A105, ASME B16.9	2"	XS	pc	372		PEI	
11	STUD BOLTS + 2 NUTS, ASTM A-193/A-194	5/8" x 3 1/2"	#150	pc	546		PEI	
12	RED.ECC. CS WE, ASTM A105, ASME B16.9	24"x18"	STD	pc	100		PEI	
13	PSI Casing End Seal Type STM	24"x12" + 2"		pc	124		CONTRACTOR	PSI
14	INSULATOR MF midi FOR PIPE 12"	12"	THK=50mm	pc	17,406		PEI	SGM
15	PIPE SUPPORT "DIMEX"	12"	THK=50mm	pc	372		PEI	DIMEX
16	Casing seal CSEM-F/ CASEAL 540/180-425	18"x 12"		pc	100		PEI	TYCO/RAYCHEM
17	TAPE INNER DENSO DENSOLEN -N60 CORE DIAMETER 41mm	100mm x 10m		roll	1,584		CONTRACTOR	DENSO
18	TAPE OUTER DENSO DENSOLEN -S20 CORE DIAMETER 41mm	100mm x 24m		roll	932		CONTRACTOR	DENSO
19	DENSOLEN PRIMER HT			liter	466		CONTRACTOR	DENSO
20	DENSOLID-HDD SYSTEM (Densolid - HDD, Densolid - casing, Densolid - tensionig strep, Densomix - 400P)			box	104		CONTRACTOR	DENSO
21	EMERGENCY CART			pc	1		CONTRACTOR	COMPLET
22	PE-MELT -STICK	25mm x 305mm		pc	40		PEI	
23	PP-MELT -STICK	25mm x 305mm		pc	20		PEI	
24	REPAIR PATCH PERP80	425x10000		pc	15		CONTRACTOR	
25	FILLER MASTIC DENSOLEN - WP	30mm x 8mm x 3m		roll	20		PEI	DENSO
26	CLEANING PIG - WCK-3	12"		pc	5		PEI	T.D. Williamson
27	CLEANING PIG - WCK-3	10"		pc	5		PEI	T.D. Williamson
28	BATCHING PIG - VANTAGE V 3DD2CC	12"		pc	2		PEI	T.D. Williamson
29	BATCHING PIG - VANTAGE V 3DD2CC	10"		pc	2		PEI	T.D. Williamson
30	FOAM PIG - REDSKIN Bristle Pig (RBR - 7)	12"		pc	5		PEI	T.D. Williamson
31	FOAM PIG - REDSKIN Bristle Pig (RBR - 7)	10"		pc	5		PEI	T.D. Williamson
32	MARKING TAPE RED / WHITE Width 7 cm			m	18,770		CONTRACTOR	
33	induction bend, R=5D,90° 12" API 5L X52 SMLS w.t.0.438 inch PSL2	12"		pc	8		PEI	
34	induction bend, R=5D,60° 12" API 5L X52 SMLS w.t.0.438 inch PSL2	12"		pc	2		PEI	
35	induction bend, R=5D,45° 12" API 5L X52 SMLS w.t.0.438 inch PSL3	12"		pc	19		PEI	
36	induction bend, R=5D,30° 12" API 5L X52 SMLS w.t.0.438 inch PSL4	12"		pc	10		PEI	
37	MONOLITING INSULATION JOINT	12"	PN100	pc	2		PEI	
38	GATE VALVE, parallel expanded, FE, DB&B 12 inch, With ROTOR Electric actuator	12"	#600	pc	1		PEI	
39	PRESSURE TRANSMITTER,SE,NPT, 0 - 120 bar			pc	2		PEI	
40	PRESSURE INDICATOR, 0 - 120 bar,1/2"NPT,with GLYCERINE			pc	2		PEI	
41	union cs 1/2 inch se npt, #3000	1½"	#3000	pc	2		PEI	
42	hex head bushing ASTM B16.11 A105 1 * 1/2 inch se npt #3000	1"X1½"	#3000	pc	2		PEI	
43	hexagonal nipple 1/2 inch se npt #3000	1½"	#3000	pc	10		PEI	
44	BALL VALVE SE, NPT	1"	cl800	pc	2		PEI	
45	equal tee ASTM B1.20.1 A105 1/2 inch se npt #3000	1½"	#3000	pc	4		PEI	
46	BALL VALVE SE, NPT	1½"	cl800	pc	6		PEI	
47	Elbow 90°, LR,1/2" CS, NPT, A105	1½"		pc	2		PEI	
48	NIPPLE, NPT, SE	1"	#3000	pc	6		PEI	
49	THREADOLET 12"x1" ,BW x NPT, #3000, A105N	1"X12"	#3000	pc	2		PEI	
50	quick opening pump	2"		pc	1		PEI	
51	Flange ASTM B 16.5 A105 12 inch w.n.r.f #600 xs	12"	#600	pc	2		PEI	
52	Gasket 12 inch spiral wound	12"	#600	pc	2		PEI	
53	STUD BOLTS + 2 NUTS, ASTM A-193/A-194	1 1/4" x 9 1/4"	#600	pc	40		PEI	
54	LAYING FIBER OPTIC CABLES							
55	Flatliner with 2 pipe Microduct DL 16/12 and Metallic Conductor Tracer	16/12		m	23192			
56	Communication Base with Flat base and Cover	Dia. 800, Height 600	206FBFGS806	pc	38			
57	Fiber Optic Cable FTX-9-08x12-D-P-D BK			m	23191.5			
58	Cable Connection Accessories			pc	As Required			
59	Microduct DL Connection Accessories			pc	As Required			
60	2" Sleeve pipe for fiber optic communication			m	23191.5			