

 "Paz" Engineering & Management (1980) Ltd.		LIST OF MATERIALS AND PARTS				Job No.	LM.No.			
						4543.9				
BUDGET NO.: UNIT: תש"ן, מסוף בילו		FOR PURCHASE / FOR REFERENCE ONLY								
		GENERAL DESCRIPTION:								
PIPES & FITTINGS		REFERENCE DWGS: 005-01-001, 4543.9-500-002								
ITEM No.	SIZE	RATING	DESCRIPTION	CODE No.	UNIT	QTY / ISSUE (1)			UNIT PRICE	TOTAL
						P0				
1	10"	sch.40	Pipe seamless,B.E. A-106 GrB, □		m	3			380	1,140
2	8"	sch.40	Ditto		m	6			315	1,890
3	2"	sch.80	Ditto		m	1			50	50
4	1"	sch.80	Ditto		m	3			40	120
5	1/2"	sch.80	Ditto		m	3			25	75
6										
7	16"	W.T 0.375"	Pipe seamed, ERW B.E.API 5LB, outside P.E.coated, Three-layer, type "Trio" thk = 3mm		m	6			580	3,480
8	10"	sch.40	Ditto		m	3			450	1,350
9	4"	sch.40	Ditto		m	3			270	810
10	2"	sch.80	Ditto			6			100	600
11									0	0
12	16"X10	STD	Red. Tee B.W. A-234 WPB		Pcs	1			650	650
13	12"X8"	sch.40	Ditto		Pcs	1			450	450
14	4'X2"	sch.40	Ditto		Pcs	2			180	360
15										
16									0	0
17	10"	sch.40	Elbow 90° L.R. B.W. A-234 WPB		Pcs	2			450	900
18	8"	sch.40	Ditto		Pcs	1			320	320
19	2"	sch.80	Ditto		Pcs	6			50	300
20										0
21	8"	sch.40	Elbow45° L.R. B.W. A-234 WPB		Pcs	2			200	400
22										
23	10"x8"	sch.40	Ecc. Reducer, B.W. A-234 WPB		Pcs	1			200	200
24	8"X6"	sch.40	Con. Reducer, B.W. A-234 WPB		Pcs	1			180	180
25										
26										
Notes:									SUB TOTAL	13,275
P1		For Tender		2.10.18	M.H	Z.S.			Z.S.	
P0		For Approval		26.07.18	M.H	Z.S.			Z.S.	
ISSUE		DESCRIPTION		DATE	PREP.	CKD.			APR.	



"Paz" Engineering & Management (1980) Ltd.



LIST OF MATERIALS AND PARTS

Job No.
4543.9

LM.No.

P.I. No.
SH.: 2
OF: 4

BUDGET NO.:

FOR PURCHASE / FOR REFERENCE ONLY

UNIT: תש"ן, מסוף בילו

SUBUNIT: הוספת משאבת דלק P-023

GENERAL DESCRIPTION:

REFERENCE DWGS: 005-01-001, 4543.9-500-001

FLANGES & FITTINGS

ITEM No.	SIZE	RATING	DESCRIPTION	CODE No.	UNIT	QTY / ISSUE (1)			UNIT PRICE	TOTAL
						P0				
27	8"	300#	Flange W.N. R.F. A-105 bored to sch.40		Pcs	3			350	1,050
28	6"	300#	Flange W.N. R.F. A-105 bored to sch.40		Pcs	1			270	270
29	2"	300#	Flange W.N. R.F. A-105 bored to sch.80		Pcs	1			120	120
30										
31										
32	16"	150#	Flange W.N. R.F. A-105 bored to STD		Pcs	2			520	1,040
33	10"	150#	Flange W.N. R.F. A-105 bored to sch.40		Pcs	2			250	500
34	8"	150#	Ditto		Pcs	2			200	400
35									0	0
36	16"	150#	Blind Flange R.F. A-105		Pcs	1			250	250
37										0
38	8"X3/4"	3000#	Thredolet, SCR'D NPT TO ASME B-1.20.1, A-105		Pcs	1			25	25
39	8"X1/2"	3000#	Ditto		Pcs	2			25	50
40	1/2"	3000#	Eq. Tee scr'd to NPT,A-105		Pcs	6			25	150
41	8"x2"	sch.80	Weldolet, A-105		Pcs	1			100	100
42	1"	sch.80	Nipple scr'd to NPT, A-106		Pcs	5			10	50
43	3/4"	sch.80	Ditto		Pcs	2			8	16
44	1/2"	sch.80	Ditto		Pcs	10			7	70
45										
46	2"	3000#	Elbow 90° SCR'D NPT A-105		Pcs	4			35	140
47	1"	3000#	Elbow 90° SCR'D NPT A-105		Pcs	2			15	30
48	1/2"	3000#	Ditto		Pcs	4			10	40
49										
50	1/2"	3000#	Plug SCR'D NPT A-105		Pcs	4			10	40
51										
52	1"	3000#	Union, NPT A-105		Pcs	2			30	60
53	1/2"	3000#	Ditto		Pcs	4			20	80
54	3/4"	3000#	Coupling, NPT A-105		Pcs	2			50	100
55	1/2"	3000#	Ditto		Pcs	2			40	80

Notes: SUB TOTAL **4,661**

P1	For Tender	2.10.18	M.H	Z.S.	Z.S.
P0	For Approval	26.07.18	M.H	Z.S.	Z.S.
ISSUE	DESCRIPTION	DATE	PREP.	CKD.	APR.



"Paz" Engineering & Management (1980) Ltd.



LIST OF MATERIALS AND PARTS

Job No.
4543.9

LM.No.

P.I. No.
SH.: 3
OF4

BUDGET NO.: FOR PURCHASE / FOR REFERENCE ONLY

UNIT: תש"ן, מסוף בילו **SUBUNIT:** P-023 חספת משאבת דלק

GENERAL DESCRIPTION: **FITTINGS & GASKETS** **REFERENCE DWGS:** 005-01-001, 4543.9-500-001

ITEM No.	SIZE	RATING	DESCRIPTION	CODE No.	UNIT	QTY / ISSUE (1)			UNIT PRICE	TOTAL
						P0				
56	8"	300# R.F.	Gasket thk = 1.5mm Klingerit 1000		Pcs	4			50	200
57	6"	300# R.F.	Gasket thk = 1.5mm Klingerit 1000		Pcs	1			40	40
58										
59	16"	150# R.F.	Gasket thk = 1.5mmKlingerit 1000 Reinforcement		Pcs	2			65	130
60	10"	150# R.F.	Ditto		Pcs	1			40	40
61	8"	150# R.F.	Ditto		Pcs	2			30	60
62	10"	150# R.F.	Ditto		Pcs	1			40	40
63	8"	150# R.F.	Ditto		Pcs	2			30	60
64										
65	12x7/8"x5.75"	8" 300#	Stud bolts w/2 nuts A-193 B-7/A-194-2H		Pcs	48			15	720
66	12x3/4"x5"	6" 300#	Ditto		Pcs	12			12	144
67	16x1"x5.75"	16" 150#	Ditto		Pcs	32			10	320
68	12x7/8"x5"	10" 150#	Ditto		Pcs	12			10	120
69	8x3/4"x4.5"	8" 150#	Ditto		Pcs	24			7	168
70										
71										
72										
73	8"	300#	Ball Valve cast carbon steel body to A-216 GR WCB, stainless steel 316L ball. Acc. to API 6D, full bore, with electric actuator (ROTORK or eq.) (Spec.4543.9-101)		Pcs	1			10,000	10,000
74										
75	6"	150#	Ball Valve cast carbon steel body to A-216 GR WCB, stainless steel 316L ball. Acc. to API 6D, full bore, with electric actuator (ROTORK or eq.) (Spec.4543.9-101)		Pcs	1			8,000	8,000
76	8"	300#	Check Valve Swing Type with cast steel body and steel disc 13% Cr. Trim acc. to API 6D, Flanged to ASME B16.5 (Spec.4543.9-104)		Pcs	1			5,000	5,000

Notes: SUB TOTAL 25042

P1	For Tender	2.10.18	M.H	Z.S.	Z.S.
P0	For Approval	26.07.18	M.H	Z.S.	Z.S.
ISSUE	DESCRIPTION	DATE	PREP.	CKD.	APR.



"Paz" Engineering & Management (1980) Ltd.



LIST OF MATERIALS AND PARTS

Job No. **4543.9**
LM.No.
P.I. No. SH.:4
OF:4

BUDGET NO.: FOR PURCHASE / FOR REFERENCE ONLY
UNIT: תש"ן, מסוף בילו **SUBUNIT:** P-023 הוספת משאבת דלק
GENERAL DESCRIPTION: REFERENCE DWGS: 005-01-001, 4543.9-500-001

ITEM No.	SIZE	RATING	DESCRIPTION	CODE No.	UNIT	QTY / ISSUE (1)			UNIT PRICE	TOTAL
						P0				
77	1"	800#	Ball Valves three piece forged steel body to A-105, screwed NPT, stainless steel 316L ball, lever operated		Pcs	1			180	180
78	1/2"	800#	Ditto		Pcs	4			130	520
79										
80	4"	150#	PLIDCO Weld+End Coupling		pcs	2			3,500	7,000
81										
82	1"		Sight flow indicator. Carbon steel body A-216 WCB, window tempered borosilicate, indicator PTFE , seals fluorocarbon. Scr'd NPT.Series 1500 OPW manufacturing. (Spec.4543.9-105)		pcs	1			800	800
83										
84			Pressure gauge 1/2 " NPT conn.,6" dial white, bourdon type St. St. 316 with vibration damping by glycerine. Operating range 0 -25 bar		Pcs	2			400	800
85									0	0
86			Pressure Relief Valve, Carbon steel body, type316 stainless steel base and internals, stainless steel spring 0.11 sq. in orifice. 3/4" mail NPT inlet, 1" female NPT outlet (Spec.4543.9-103)		pcs	1			1,000	1,000
87										
88			Corrosion protection inner tape PE, stabilized, butyl rubber based. Total thickness 1.2 mm. The tape width shall be100 mm.		pcs (Roll)	3			1,000	3,000
89			Corrosion protection outer tape PE, stabilized, butyl rubber based. Total thickness 0.5 mm. The tape width shall be100 mm.		pcs (Roll)	3			200	600
91			Primer		l	2			80	160
									SUB TOTAL	14,060
									TOTAL	₪ 57,038
P1	For Tender			2.10.18	M.H	Z.S.			Z.S.	
P0	For Approval			26.07.18	M.H	Z.S.			Z.S.	
ISSUE	DESCRIPTION			DATE	PREP.	CKD.			APR.	