

Annexure-1

Tender no. PUR/2/RC/KSB Pump spares/1262

Sl. No.	Description	Part No.	MOC
I	SPARES FOR 150 HP KSB PUMP (MODEL - WKS 125/7) PUMP SERIAL NO. 9972329440/ 300/ 01 OR 9972329440/ 300/ 02		
1	Shaft with Keys	210	
2	Suction casing	106	
3	Discharge casing	107	
4	HEA VY BEARING HOUSING (NDE)	350.2	
5	BEARING END COVER	361	
6	Bearing cover	360	
7	BEARING NUT	923	
8	SPACER BUSH/ OUTER DISTANCE RING	543	
9	LUBRICATING RING	644	
10	GUIDE BUSH	508	
11	Spacer Sleeve NDE	525.5	
12	SPLASH RING/ THROWER	507	
13	Stage sleeve	521	
14	Shaft Protection Sleeve (Suction) L/H	524.1	
15	Shaft Protection Sleeve (Discharge) R/H	524.2	
16	Spacer Sleeve Inlet	525.1	
17	Spacer Sleeve Outlet	525.2	
18	Impeller	230	
19	Stage casing	108	
20	Diffuser Last Stage	171.2	
21	Diffuser	171.1	
22	Tie Rod with Nut & washer	905	
23	Bearing Housing (Normal)	350	
24	Stuffing box housing (Normal)	451	
25	Stuffing Box Gland (Normal)	452	
26	Casing wearing ring	502	
27	STUD FOR CASING	902.02	
28	STUD FOR STUFFING BOX HOUSING	902.03	
29	TIE BOLT WITH NUTS & WASHERS	905 (920+550)	
30	Gland Packing Set	461	
31	Set of O ring & Gasket	412+400	
32	Angular Contact Ball Brg. (1 set=2nos)	320	
33	Cylindrical Roller Brg.	322	
34	Set of Fasteners		
II	SPARES FOR 120HP KSB PUMP (MODEL - WKS 125/6) PUMP SERIAL NO. 5111053479/ 200/ 01 OR 5111053479/ 200/ 02		
1	Shaft with Keys	210	45C8
2	Suction casing	106	CI
3	Discharge casing	107	CI
4	HEA VY BEARING HOUSING (NDE)	350.2	CI
5	BEARING END COVER	361	CI
6	Bearing cover	360	CI
7	BEARING NUT	923	45C8
8	SPACER BUSH/ OUTER DISTANCE RING	543	CI
9	LUBRICATING RING	644	M.S
10	GUIDE BUSH	508	CI
11	Spacer Sleeve NDE	525.06	CI
12	SPLASH RING/ THROWER	507	Steel
13	Stage sleeve	521	CI
14	Shaft Protection Sleeve (Suction) L/H	524.1	CI
15	Shaft Protection Sleeve (Discharge) R/H	524.2	CI
16	Spacer Sleeve Inlet	525.1	CI
17	Spacer Sleeve Outlet	525.2	CI
18	Impeller	230	CI
19	Stage casing	108	CI
20	Diffuser Last Stage	171.2	CI
21	Diffuser	171.1	CI
22	Tie Rod with Nut & washer	905	EN24
23	Bearing Housing (Normal)	350	CI
24	Stuffing box housing (Normal)	451	CI
25	Stuffing Box Gland (Normal)	452	CI
26	Casing wearing ring	502	CI
27	STUD FOR CASING	902.02	STD.
28	STUD FOR STUFFING BOX HOUSING	902.03	Std.
29	TIE BOLT WITH NUTS & WASHERS	905 (920+550)	EN24
30	Gland Packing Set	461	Std.
31	Set of O ring & Gasket	412+400	Std.
32	Angular Contact Ball Brg. (1 set=2nos)	320	Std.
33	Cylindrical Roller Brg.	322	Std.
34	Set of Fasteners		Std.
III	SPARES FOR 60HP KSB PUMP (MODEL- WK 125/4) PUMP SERIAL NO. 0310243-751 OR 0310244-751/2003		
1	Shaft with Keys	210	45C8
2	Suction casing	106	CI
3	Discharge casing	107	CI
4	BEARING END COVER	361	CI
5	Bearing cover	360	CI
6	SPLASH RING/ THROWER	507	Steel
7	Stage sleeve	521	CI
8	Shaft Protection Sleeve (Suction) L/H	524.1	CI
9	Shaft Protection Sleeve (Discharge) R/H	524.2	CI
10	Spacer Sleeve Inlet	525.1	CI
11	Spacer Sleeve Outlet	525.2	CI
12	Impeller	230	CI
13	Stage casing	108	CI
14	Diffuser Last Stage	171.2	CI
15	Diffuser	171.1	CI
16	Tie Rod with Nut & washer	905	EN24
17	Bearing Housing (Normal)	350	CI
18	Stuffing box housing (Normal)	451	CI

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Sl. No.	Description	Part No.	MOC
19	Stuffing Box Gland (Normal)	452	CI
20	Casing wearing ring	502	CI
21	STUD FOR CASING	902.02	STD.
22	STUD FOR STUFFING BOX HOUSING	902.03	Std.
23	SHAFT NUT	920	45C8
24	TIE BOLT WITH NUTS & WASHERS	905 (920+550)	EN24
25	Gland Packing Set	461	Std.
26	Set of O ring & Gasket	412+400	Std.
27	Deep groove Ball Brg.	321	Steel
28	Cylindrical Roller Brg.	322	Steel
29	Set of Fasteners		Std.
IV	SPARES FOR 30HP KSB PUMP (MODEL- WK 50/5) PUMP SERIAL NO. 9610487/751 (OR) 9610493 (OR) 9610485		
1	Shaft with Keys	210	45C8
2	Suction casing	106	CI
3	Discharge casing	107	CI
4	BEARING END COVER	361	CI
5	Bearing cover	360	CI
6	SPLASH RING / THROWER	507	Steel
7	Stage sleeve	521	CI
8	Shaft Protection Sleeve (Suction) L/H	524.1	CI
9	Shaft Protection Sleeve (Discharge) R/H	524.2	CI
10	Spacer Sleeve Inlet	525.1	CI
11	Spacer Sleeve Outlet	525.2	CI
12	Impeller	230	CI
13	Stage casing	108	CI
14	Diffuser Last Stage	171.2	CI
15	Diffuser	171.1	CI
16	Tie Rod with Nut & washer	905	EN24
17	Bearing Housing (Normal)	350	CI
18	Stuffing box housing (Normal)	451	CI
19	Stuffing Box Gland (Normal)	452	CI
20	Casing wearing ring	502	CI
21	STUD FOR CASING	902.02	STD.
22	STUD FOR STUFFING BOX HOUSING	902.03	Std.
23	SHAFT NUT	920	45C8
24	TIE BOLT WITH NUTS & WASHERS	905 (920+550)	EN24
25	Gland Packing Set	461	Std.
26	Set of O ring & Gasket	412+400	Std.
27	Deep groove Ball Brg.	321	Steel
28	Cylindrical Roller Brg.	322	Steel
29	Set of Fasteners		Std.
V	SPARES FOR 40HP KSB PUMP (MODEL- MEGA G 100-315) PUMP SERIAL NO. 9972539529/300/01 (OR) 9972539529/300/02		
1	Discharge Cover	163	
2	Shaft	210	
3	Impeller	230	
4	Bearing Bracket	330	
5	Bearing Cover	360.01/02	
6	Wearing ring	502.01	
7	Impeller ring	502.02	
8	Thrower/ Splash Ring	507	
9	Shaft Protection Sleeve	524	
10	Set of Keys (1 Set = 2 Nos)	940.01 & 940.02	
11	Support Foot	183	
12	Gland Cover (2 Nos=1 set)	452	
13	Lantern Ring	458	
14	Hex Bolt (Impeller Bolt) with Washer	901	
15	V-Ring (Oil Seal) set (2 Nos=1 set)	421.01/02	
16	Set of Fasteners		
17	Volute Casing	102	
18	Set of Gaskets & O-rings	400+412	
19	Deep groove Ball Brg.	321	
20	Gland Packing Set	461	
21	Set of Plugs (without Vent Plug)	903	
VI	SPARES FOR 7.5 HP KSB PUMP (MODEL- MEGA G 32-200) PUMP SERIAL NO. 9972429937/100/01 (OR) 9972429937/100/02		
1	Discharge Cover	163	
2	Shaft	210	
3	Impeller	230	
4	Bearing Bracket	330	
5	Bearing Cover	360.01/02	
6	Wearing ring	502.01	
7	Impeller ring	502.02	
8	Thrower/ Splash Ring	507	
9	Shaft Protection Sleeve	524	
10	Set of Keys (1 Set = 2 Nos)	940.01 & 940.02	
11	Support Foot	183	
12	Gland Cover (2 Nos=1 set)	452	
13	Lantern Ring	458	
14	Hex Bolt (Impeller Bolt) with Washer	901	
15	V-Ring (Oil Seal) set (2 Nos=1 set)	421.01/02	
16	Set of Fasteners		
17	Volute Casing	102	
18	Set of Gaskets & O-rings	400+412	
19	Deep groove Ball Brg.	321	
20	Gland Packing Set	461	
21	Set of Plugs (without Vent Plug)	903	
VII	SPARES FOR 40 HP KSB PUMP (MODEL- MEGA G 65-250) PUMP SERIAL NO. 0530517/751 (OR) 0530518/751		
1	Discharge Cover	163	
2	Shaft	210	

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Sl. No.	Description	Part No.	MOC
3	Impeller	230	
4	Bearing Bracket	330	
5	Bearing Cover	360.01/02	
6	Wearing ring	502.01	
7	Impeller ring	502.02	
8	Thrower/ Splash Ring	507	
9	Shaft Protection Sleeve	524	
10	Set of Keys (1 Set = 2 Nos)	940.01 & 940.02	
11	Support Foot	183	
12	Gland Cover (2 Nos=1 set)	452	
13	Lantern Ring	458	
14	Hex Bolt (Impeller Bolt) with Washer	901	
15	V-Ring (Oil Seal) set (2 Nos=1 set)	421.01/02	
16	Set of Fasteners		
17	Volute Casing	102	
18	Set of Gaskets & O-rings	400+412	
19	Deep groove Ball Brg.	321	
20	Gland Packing Set	461	
21	Set of Plugs (without Vent Plug)	903	
VIII	SPARES FOR 40 HP KSB PUMP (MODEL- MEGA G 65-200) PUMP SERIAL NO. 9658106/751 (OR) 9658107/751		
1	Discharge Cover	163	
2	Shaft	210	
3	Impeller	230	
4	Bearing Bracket	330	
5	Bearing Cover	360.01/02	
6	Wearing ring	502.01	
7	Impeller ring	502.02	
8	Thrower/ Splash Ring	507	
9	Shaft Protection Sleeve	524	
10	Set of Keys (1 Set = 2 Nos)	940.01 & 940.02	
11	Support Foot	183	
12	Gland Cover (2 Nos=1 set)	452	
13	Lantern Ring	458	
14	Hex Bolt (Impeller Bolt) with Washer	901	
15	V-Ring (Oil Seal) set (2 Nos=1 set)	421.01/02	
16	Set of Fasteners		
17	Volute Casing	102	
18	Set of Gaskets & O-rings	400+412	
19	Deep groove Ball Brg.	321	
20	Gland Packing Set	461	
21	Set of Plugs (without Vent Plug)	903	
IX	SPARES FOR 30 HP KSB PUMP (MODEL- MEGA G 50-200) PUMP SERIAL NO. 0152036/751 (OR) 0352491/751		
1	Discharge Cover	163	
2	Shaft	210	
3	Impeller	230	
4	Bearing Bracket	330	
5	Bearing Cover	360.01/02	
6	Wearing ring	502.01	
7	Impeller ring	502.02	
8	Thrower/ Splash Ring	507	
9	Shaft Protection Sleeve	524	
10	Set of Keys (1 Set = 2 Nos)	940.01 & 940.02	
11	Support Foot	183	
12	Gland Cover (2 Nos=1 set)	452	
13	Lantern Ring	458	
14	Hex Bolt (Impeller Bolt) with Washer	901	
15	V-Ring (Oil Seal) set (2 Nos=1 set)	421.01/02	
16	Set of Fasteners		
17	Volute Casing	102	
18	Set of Gaskets & O-rings	400+412	
19	Deep groove Ball Brg.	321	
20	Gland Packing Set	461	
21	Set of Plugs (without Vent Plug)	903	
X	SPARES LIST FOR KSB PUMPS at NARWAPAHAR MINES PUMP MODEL: WKS 125/07		
1	Suction casing	106	CI
2	Discharge casing	107	CI
3	Stage casing	108	CI
4	Diffuser	171.1	CI
5	Diffuser Last Stage	171.2	CI
6	Shaft with Keys	210	45C8
7	Impeller	230	CI
8	Bearing Housing (Normal)	350	CI
9	Heavy Bearing Housing (NDE)	350.2	CI
10	Bearing cover	360	CI
11	BEARING END COVER	361	CI
12	Set of O ring & Gasket	412+400	Std.
13	Stuffing box housing (Normal)	451	CI
14	Stuffing Box Gland (Normal)	452	CI
15	Casing wearing ring	502	CI
16	SPLASH RING/ THROWER	507	Steel
17	Stage sleeve	521	CI
18	Shaft Protection Sleeve (Suction)	524.01	CI
19	Shaft Protection Sleeve (Discharge)	524.02	CI
20	Spacer Sleeve (Suction)	525.1	CI
21	Spacer Sleeve (Discharge)	525.2	CI
22	TIE BOLT WITH NUTS & WASHERS	905	Std.
23	Set of Fasteners		Std.
24	Gland Packing Set	461	Std.
25	Angular Contact Ball Brg. (1 set=2nos)	320	Std.
26	Cylindrical Roller Brg.	322	Std.

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Sl. No.	Description	Part No.	MOC
XI	SPARES LIST FOR KSB PUMPS at NARWAPAHAR MINES PUMP MODEL: WKS 125/6		
1	Suction casing	106	CI
2	Discharge casing	107	CI
3	Stage casing	108	CI
4	Diffuser	171.1	CI
5	Diffuser Last Stage	171.2	CI
6	Shaft with Keys	210	45C8
7	Impeller	230	CI
8	Bearing Housing (Normal)	350	CI
9	Heavy Bearing Housing (NDE)	350.2	CI
10	Bearing cover	360	CI
11	BEARING END COVER	361	CI
12	Set of O ring & Gasket	412+400	Std.
13	Stuffing box housing (Normal)	451	CI
14	Stuffing Box Gland (Normal)	452	CI
15	Casing wearing ring	502	CI
16	SPLASH RING / THROWER	507	Steel
17	Stage sleeve	521	CI
18	Shaft Protection Sleeve (Suction)	524.01	CI
19	Shaft Protection Sleeve (Discharge)	524.02	CI
20	Spacer Sleeve (Suction)	525.1	CI
21	Spacer Sleeve (Discharge)	525.2	CI
22	TIE BOLT WITH NUTS & WASHERS	905	Std.
23	Set of Fasteners		Std.
24	Gland Packing Set	461	Std.
25	Angular Contact Ball Brg. (1 set=2nos)	320	Std.
26	Cylindrical Roller Brg.	322	Std.
XII	SPARES LIST FOR KSB PUMPS at NARWAPAHAR MINES PUMP MODEL: WK 150/2		
1	Suction casing	106	CI
2	Discharge casing	107	CI
3	Stage casing	108	CI
4	Diffuser	171.1	CI
5	Diffuser Last Stage	171.2	CI
6	Shaft with Keys	210	45C8
7	Impeller	230	CI
8	Bearing Housing (Normal)	350	CI
9	Bearing cover	360	CI
10	BEARING END COVER	361	CI
11	Set of O ring & Gasket	412+400	Std.
12	Stuffing box housing (Normal)	451	CI
13	Stuffing Box Gland (Normal)	452	CI
14	Casing wearing ring	502	CI
15	SPLASH RING / THROWER	507	Steel
16	Stage sleeve	521	CI
17	Shaft Protection Sleeve (Suction)	524.01	CI
18	Shaft Protection Sleeve (Discharge)	524.02	CI
19	Spacer Sleeve (Suction)	525.1	CI
20	Spacer Sleeve (Discharge)	525.2	CI
21	TIE BOLT WITH NUTS & WASHERS	905	Std.
22	Set of Fasteners		Std.
23	Gland Packing Set	461	Std.
24	Deep groove Ball Brg.	321	Steel
25	Cylindrical Roller Brg.	322	Steel
XIII	SPARES LIST FOR KSB PUMPS at NARWAPAHAR MINES PUMP MODEL: WK 50/5		
1	Suction casing	106	CI
2	Discharge casing	107	CI
3	Stage casing	108	CI
4	Diffuser	171.1	CI
5	Diffuser Last Stage	171.2	CI
6	Shaft with Keys	210	45C8
7	Impeller	230	CI
8	Bearing Housing (Normal)	350	CI
9	Bearing cover	360	CI
10	BEARING END COVER	361	CI
11	Set of O ring & Gasket	412+400	Std.
12	Stuffing box housing (Normal)	451	CI
13	Stuffing Box Gland (Normal)	452	CI
14	Casing wearing ring	502	CI
15	SPLASH RING / THROWER	507	Steel
16	Stage sleeve	521	CI
17	Shaft Protection Sleeve (Suction)	524.01	CI
18	Shaft Protection Sleeve (Discharge)	524.02	CI
19	Spacer Sleeve (Suction)	525.1	CI
20	Spacer Sleeve (Discharge)	525.2	CI
21	TIE BOLT WITH NUTS & WASHERS	905	Std.
22	Set of Fasteners		Std.
23	SHAFT NUT	920	45C8
24	Bush Rubber of coupling		Std.
25	Hex Bolt (Cladding)		Std.
26	Hex Nut stuffing box housing	920.2	
27	Gland Packing Set	461	Std.
28	Deep groove Ball Brg.	321	Steel
29	Cylindrical Roller Brg.	322	Steel
XIV	SPARES LIST FOR KSB PUMPS at NARWAPAHAR MINES PUMP MODEL: WK 50/4		
1	Suction casing	106	CI
2	Discharge casing	107	CI
3	Stage casing	108	CI
4	Diffuser	171.1	CI
5	Diffuser Last Stage	171.2	CI
6	Shaft with Keys	210	45C8
7	Impeller	230	CI
8	Bearing Housing (Normal)	350	CI
9	Bearing cover	360	CI

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Sl. No.	Description	Part No.	MOC
10	BEARING END COVER	361	CI
11	Stuffing box housing (Normal)	451	CI
12	Stuffing Box Gland (Normal)	452	CI
13	Casing wearing ring	502	CI
14	SPLASH RING / THROWER	507	Steel
15	Stage sleeve	521	CI
16	Shaft Protection Sleeve (Suction)	524.01	CI
17	Shaft Protection Sleeve (Discharge)	524.02	CI
18	Spacer Sleeve (Suction)	525.1	CI
19	Spacer Sleeve (Discharge)	525.2	CI
20	TIE BOLT WITH NUTS & WASHERS	905	Std.
21	Set of Fasteners		Std.
22	SHAFT NUT	920	45C8
23	Gland Packing Set	461	Std.
24	Set of O ring & Gasket	412+400	Std.
25	Deep groove Ball Brg.	321	Steel
26	Cylindrical Roller Brg.	322	Steel
XV	SPARES LIST FOR KSB PUMPS at NARWAPAHAR MINES		
	Pump Model : KWPZ GC 80-250		
1	Volute Casing	102	CI
2	Wear Plate	135	CI
3	Discharge Cover	163	CI
4	Impeller	230	CF8M
5	Shaft with Keys	210	45C8
6	S.P.Sleeve	524	45C8/Chr.PI
7	Brg.Bracket Lantern	344	CI
8	Support Foot	183	SG-400
9	Brg.Bracket	330	CI
10	Brg.Cover pump side	360.01	CI
11	Constant Level Oiler	638	Std.
12	Oil Seal Set	421	Std.
13	Splash Ring/ Thrower	507	Steel
14	St. Box Gland	452	CI
15	Lantern Ring	458	CI
16	Neck Ring	456	CI
17	Gasket & O-Ring Set		Std.
18	Lock Nut/Slotted Nut	920	45C8
19	Socket Head Cap Screw (for Impeller Cap)	914	AISI 304
20	Brg.Cover Motor side	360.02	CI
21	Impeller Cap	260	A 276 Type 316
22	Set of Fasteners		Std.
23	Set of Parallel Keys	940	Std.
24	Stuffing Box ring	454	CI
25	Gland Packing Set	461	Std.
26	Angular Contact Ball Brg.	320	Steel
27	Cylindrical Roller Brg.	322	Steel
28	Vent Plug	913	St./Al.
29	Gland Packing Set	461	Std.
XVI	KSB PUMP MODEL: MEGA G 40-200 Pump SL No.9757734/751		
1	Impeller	230	
2	Shaft with Keys	210	
3	Shaft Protection Sleeve	524	
4	Bearing Cover (IMPELLER)	360	
5	Bearing Cover (DRIVE END)	360	
6	Bearing Bracket	330	
7	Thrower/ Splash Ring	507	
8	Volute Casing	102	
9	Discharge Cover	163	
10	Gland Cover (2 Nos=1 set)	452	
11	Lantern Ring	458	
12	Casing Wearing ring	502.01	
13	Impeller Wearing ring	502.02	
14	Set of Keys (1 Set = 2 Nos)	940.01	
15	Support Foot	183	
16	Hex Bolt (Impeller Bolt) with Washer	901	
17	V-Ring (Oil Seal) set (2 Nos=1 set)	421.01/02	
18	Set of Fasteners		
19	Set of Gaskets & O-rings	400+412	
20	Deep groove Ball Brg.	321	
21	Gland Packing Set	461	
22	Set of Plugs (without Vent Plug)	903	
XVII	KSB PUMP MODEL: MEGA G 50-125		
1	Bearing Bracket	330	
2	Volute Casing	102	
3	Discharge Cover	163	
4	Bearing Cover	360.01/.02	
5	Gland Cover (2 Nos=1 set)	452	
6	Impeller	230	
7	Set of Gaskets & O-rings	400+412	
8	Lantern Ring	458	
9	Thrower/ Splash Ring	507	
10	Casing Wearing ring	502.01	
11	Impeller Wearing ring	502.02	
12	Shaft	210	
13	Shaft Protection Sleeve	524	
14	V-Ring (Oil Seal) set (2 Nos=1 set)	421.01/02	
15	Set of Keys (1 Set = 2 Nos)	940.01	
16	Support Foot	183	
17	Hex Bolt (Impeller Bolt) with Washer	901	
18	Set of Fasteners		
19	Deep groove Ball Brg.	321	
20	Gland Packing Set	461	
21	Set of Plugs (without Vent Plug)	903	
XVIII	KSB PUMP MODEL: MEGA G 100-400		

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Sl. No.	Description	Part No.	MOC
1	Bearing Bracket	330	CI
2	Hex Bolt (Impeller Bolt) with Washer	901	A 193 Gr.B8M (SS)
3	Bearing Cover (IMPELLER SIDE)	360	CI
4	Bearing Cover (DRIVE END SIDE)	360	CI
5	Volute Casing	102	CI
6	Discharge Cover	163	CI
7	Gland Cover (2 Nos=1 set)	452	WCB
8	Impeller	230	CI
9	Support Foot	183	SG 400/12
10	Impeller Wearing ring	502.02	CI
11	Thrower/ Splash Ring	507	Steel
12	Lantern Ring	458	CI
13	Casing Wearing ring	502.01	CI
14	Shaft with keys	210	SS 410
15	Shaft Protection Sleeve	524	CI
16	Set of Keys (1 Set = 2 Nos)	940.01	45C8
17	Support Foot	183	SG 400/12
18	Set of Fasteners		Std.
19	Deep groove Ball Brg.	321	Steel
20	Gland Packing Set	461	Std
21	Set of Gaskets & O-rings	400+412	Std.
22	V-Ring (Oil Seal) set (2 Nos=1 set)	421.01/02	NB60
23	Set of Plugs (without Vent Plug)	903	45C8
XIX KSB PUMP MODEL: MEGA G 40-250			
1	Bearing Bracket	330	CI
2	Hex Bolt (Impeller Bolt) with Washer	901	A 193 Gr.B8M (SS)
3	Volute Casing	102	CI
4	Bearing Cover	360.01/02	CI
5	Gland Cover (2 Nos=1 set)	452	WCB
6	Discharge Cover	163	CI
7	Support Foot	183	SG 400/12
8	Set of Fasteners		Std.
9	Set of Gaskets & O-rings	400+412	Std.
10	Impeller (Full Dia)	230	CI
11	Set of Keys (1 Set = 2 Nos)	940.01	45C8
12	Casing Wearing ring	502.01	CI
13	Impeller Wearing ring	502.02	CI
14	V-Ring (Oil Seal) set (2 Nos=1 set)	421.01/02	NB60
15	Thrower/ Splash Ring	507	Steel
16	Shaft with Keys	210	SS 410
17	Shaft Protection Sleeve	524	CI
18	Shaft Protection Sleeve	524	SS 316
19	Lantern Ring	458	CI
20	Deep groove Ball Brg.	321	Steel
21	Gland Packing Set	461	Std
22	Set of Plugs (without Vent Plug)	903	45C8
XX KSB PUMP MODEL: MEGA G 50-250			
1	Bearing Bracket	330	CI
2	Bearing Cover (IMPELLER SIDE)	360	CI
3	Bearing Cover (DRIVE END SIDE)	360	CI
4	Volute Casing	102	CI
5	Gland Cover (2 Nos=1 set)	452	WCB
6	Discharge Cover	163	CI
7	Impeller	230	CI
8	Support Foot	183	SG 400/12
9	Lantern Ring	458	CI
10	Thrower/ Splash Ring	507	Steel
11	Impeller Wearing ring	502.02	CI
12	Shaft with keys	210	45C8
13	Shaft Protection Sleeve	524	CI
14	Set of Keys (1 Set = 2 Nos)	940.01	45C8
15	Hex Bolt (Impeller Bolt) with Washer	901	A 193 Gr.B8M (SS)
16	Casing Wearing ring	502.01	CI
17	Set of Fasteners		Std.
18	Deep groove Ball Brg.	321	Steel
19	Gland Packing Set	461	Std
20	Set of Gaskets & O-rings	400+412	Std.
21	V-Ring (Oil Seal) set (2 Nos=1 set)	421.01/02	NB60
22	Set of Plugs (without Vent Plug)	903	45C8
XXI KSB Pump Model : MOVI32/6			
1	Stage Casing	108	
2	Impeller	230	
3	O-Ring for Stage Casing	412.1	
4	Shaft with Keys	210	
5	Shaft Protection Sleeve	524	
6	Gland Packing set	461	
7	Suction Casing	106	
8	Discharge Casing	107	
9	Diffuser Last Stage	171.02	
10	Bearing Housing	350	
11	Bearing Cover	360	
12	Bearing End Cover	361	
13	St. Box Gland	452	
14	Splash Ring	507	
15	Spacer Sleeve	525.01	
16	O-Ring for Shaft Sleeve	412.2	
17	Circlip	932	
18	Tie Rod	905	
19	Set of Fasteners		
XXII KSB Pump Model : KWPZ GC 80-250			
1	Volute Casing	102	
2	Impeller Cap	260	
3	Stuffing Box Gland	452	
4	Brg. Bracket	330	

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Tender no.PUR/2/RC/KSB Pump spares/1262

Sl. No.	Description	Part No.	MOC
5	Impeller	230	
6	Wear Plate	135	
7	Neck Ring	456	
8	Gasket & O-Ring Set		
9	Stuffing Box ring	454	
10	Shaft with Keys	210	
11	S.P Sleeve	524	
12	Oil Seal Set	421	
XXIII KSB Pump Model : WKH 40/5			
1	Stage casing	108	CI
2	Bearing cover	360	CI
3	Bearing End cover	361	CI
4	Suction casing	106	CI
5	Discharge casing	107	CI
6	Diffuser	171.1	CI
7	Spacer Disc	551	CuZn30
8	Stuffing Box Gland	452	CI
9	Bearing Housing (Suction DE)	350	CI
10	Bearing Housing (Discharge NDE)	350.1	CI
11	Impeller	230	Bronze
12	Impeller Last Stage	230	Bronze
13	O-ring Set	412	FKM80
14	Wearing ring	502	CI
15	Spacer Ring	504	45C8
16	Lantern Ring	458	CI
17	Shaft with Keys	210	SS-410
18	S.P Sleeve (Suction)	524	CI
19	Centering Sleeve	526	45C8
20	S.P Sleeve (Discharge)	524	SS-410
21	S.P Sleeve (Suction)	524	SS-410
XXIV KSB PUMP MODEL: WK 50/4			
1	Bearing Housing (Normal)	350	CI
2	Stage sleeve	521	CI
3	Hex bolt (Cladding)	901.1	Std.
4	Hex bolt (Brg. Housing)		Std.
5	Coupling Bush for KSB pump WK 50/5 as per Drg.		
6	Discharge casing	107	CI
7	Stage casing	108	CI
8	BEARING END COVER	361	CI
9	Gland Packing Set	461	Std.
10	Suction casing	106	CI
11	Bearing cover	360	CI
12	BEARING END COVER	361	CI
13	Stuffing box housing (Normal)	451	CI
14	Stuffing Box Gland (Normal)	452	CI
15	Diffuser	171.1	CI
16	Diffuser Last Stage	171.02	CI
17	Pump Cover with Clamp	88	
18	Bearing Housing (Suction)	350	CI
19	Bearing Housing (Discharge)	350	CI
20	Impeller	230	CI
21	Hex Nut (Casing & Cladding)		Std.
22	SHAFT NUT	920	45C8
23	O-ring for S.P Sleeve	412.3	NB 70
24	SPLASH RING/ THROWER	507	Steel
25	O-ring for Diffuser Last Stage	412.2	FKM80
26	Set of O ring & Gasket	412+400	Std.
27	Casing wearing ring	502	CI
28	Shaft with Keys (Normal)	210	45C8
29	Shaft Protection Sleeve (Suction)	524.01	CI
30	Shaft Protection Sleeve (Discharge)	524.02	CI
31	Spacer Sleeve (Suction)	525.01	CI
32	Spacer Sleeve (Discharge)	525.02	CI
33	Stud (casing)		Std.
34	Stud (Stuffing Box Housing)		Std.
35	TIE BOLT WITH NUTS & WASHERS	905	Std.
36	Set of Fasteners		Std.
XXV Pump Model: WL 125/8 (DSB) Sl. No.9973151671/100/1&2 Q: 109.2 M3/hr, H:200 Mtr. 150 HP, 1450 RPM			
1	Suction casing	106	CI
2	Discharge casing	107	CI
3	Stage casing	108	CI
4	Casing wearing ring	502	CI
5	Diffuser	171.1	CI
6	Diffuser Last Stage	171.2	CI
7	Stuffing box housing (DSB)	451	CI
8	Gland (Normal)	452	CI
9	Gland Pkg. Set	461	CI
10	Bearing Housing (Normal)	350	CI
11	S.P Sleeve (Suction) HWD	524.01	CI
12	S.P Sleeve (Discharge) HWD	524.02	CI
13	Spacer Sleeve (Suction)	525.01	CI
14	Stage sleeve	521	CI
15	Splash Ring/ Thrower	507	Steel
16	Impeller	230	CI
17	Balancing Disc	601	CI
18	Counter Balancing Disc	602	CI
19	Bearing cover	360	CI
20	Bearing end cover	361	CI
21	Shaft Indicator with Pin	624	EN8/Brass
22	Tie Bolt	905	Std.
23	Shaft with Keys (HWD)	210	45C8
24	Set of O-ring & Gasket	412+400	Std.
25	Set of Fasteners		Std.

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Tender no.PUR/2/RC/KSB Pump spares/1262

Sl. No.	Description	Part No.	MOC
26	Cylindrical Roller Brg. (2/pump)	322	Steel
XXVI	Pump Model : WK50/4 (Normal), Sl.No.9972797927/100/01-02, Q: 27.5 M3/hr, H: 122 Mtr, 25HP, 2900 rpm		
1	Suction Casing	106	CI
2	Discharge Casing	107	CI
3	Stage Casing	108	CI
4	Casing Wearing Ring	502	CI
5	Diffuser	171.1	CI
6	Diffuser Last Stage	171.2	CI
7	Stuffing box housing (Normal)	451	CI
8	Gland (Normal)	452	CI
9	Gland Pkg. Set	461	Std.
10	Bearing Housing (Normal)	350	CI
11	S.P Sleeve (Suction) (Normal)	524.01	CI
12	S.P Sleeve (Discharge) (Normal)	524.02	CI
13	Spacer Sleeve (Suction)	525.01	CI
14	Stage Sleeve	521	CI
15	Thrower / Splash Ring	507	Steel
16	Impeller	230	CI
17	Spacer Sleeve (Discharge)	525.02	CI
18	Bearing Cover	360	CI
19	Bearing End Cover	361	CI
20	Shaft Nut	920	45C8
21	Tie Bolt	905	Std.
22	Shaft with Keys (Normal)	210	45C8
23	Set of O-Ring & Gasket	412+400	Std.
24	Set of Fasteners	-	Std.
25	Deep Groove Ball Bearings	321	Steel
26	Cylindrical Roller Bearings	322	Steel
XXVII	Pump Model : WKS 100/10 (Normal) NEW Bearing Bracket, Sl.No.9810341, Q: 54.6 M3/hr, H: 184 Mtr, 75HP, 1450 rpm		
1	Suction Casing	106	CI
2	Discharge Casing	107	CI
3	Stage Casing	108	CI
4	Casing Wearing Ring	502	CI
5	Diffuser	171.1	CI
6	Diffuser Last Stage	171.2	CI
7	Stuffing box housing (Normal)	451	CI
8	Gland (Normal)	452	CI
9	Gland Pkg. Set	461	Std.
10	Bearing Housing (Normal) (DE)	350	CI
11	S.P Sleeve (Suction) (Normal)	524.01	CI
12	S.P Sleeve (Discharge) (Normal)	524.02	CI
13	Spacer Sleeve (Suction)	525.01	CI
14	Stage Sleeve	521	CI
15	Thrower / Splash Ring	507	Steel
16	Impeller	230	CI
17	Spacer Sleeve (Discharge)	525.02	CI
18	Bearing Housing (Heavy) (NDE)	350.1	CI
19	Bearing Cover	360	CI
20	Bearing End Cover (New)	361	CI
21	Two Side Nut	920	45C8
22	Spacer Sleeve (NDE) (New)	525.06	CI
23	Split Ring / Segmental Ring	501	45C8
24	Tie Bolt	905	Std.
25	Shaft with Keys (Normal-New) (Short)	210	45C8
26	Set of O-Ring & Gasket	412+400	Std.
27	Set of Fasteners	-	Std.
28	Angular Contact Ball Bearings (1 set=2nos)	320	Steel
29	Cylindrical Roller Bearings	322	Steel
XXVIII	Pump Model : WKS 100/10 (DSB) OLD Bearing Bracket, Sl.No.0310380-82, Q: 54.6 M3/hr, H: 164 Mtr, 75HP, 1450 rpm		
1	Suction Casing	106	CI
2	Discharge Casing	107	CI
3	Stage Casing	108	CI
4	Casing Wearing Ring	502	CI
5	Diffuser	171.1	CI
6	Diffuser Last Stage	171.2	CI
7	Stuffing box housing (DSB)	451	CI
8	Gland (Cooled)	452	CI
9	Gland Pkg. Set	461	Std.
10	Bearing Housing (DE)	350	CI
11	S.P Sleeve (Suction) (HWD)	524.01	CI
12	S.P Sleeve (Discharge) (HWD)	524.02	CI
13	Spacer Sleeve (Suction)	525.01	CI
14	Stage Sleeve	521	CI
15	Thrower / Splash Ring	507	Steel
16	Impeller	230	CI
17	Spacer Sleeve (Discharge)	525.02	CI
18	Bearing Housing (Heavy) (NDE)	350.1	CI
19	Cover	160	CI
20	Oil Thrower (Guide Bush)	508	CI
21	Split Ring / Segmental Ring	501	45C8
22	Spacer Bush / Outer Distance Ring	543	CI
23	Spacer Sleeve /Inner distance Ring	525.08	CI
24	Lubricating Ring	644	MS
25	Vent Plug	913	EN8+A1.
26	Bearing Cover (Old)	360	CI
27	Bearing End Cover (Old)	361	CI
28	Bearing Nut	923	45C8
29	Spacer Sleeve (NDE) (Old)	525.06	CI
30	Tie Bolt	905	Std.
31	Shaft with Keys (HWD-Old) (Long)	210	45C8
32	Set of O-Ring & Gasket	412+400	Std.

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Tender no. PUR/2/RC/KSB Pump spares/1262

Sl. No.	Description	Part No.	MOC
33	Set of Fasteners	-	Std.
34	Angular Contact Ball Bearings (1 set=2nos)	320	Steel
35	Cylindrical Roller Bearings	322	Steel
XXIX	Pump Model : WKS 100/10 (Normal) OLD Bearing Bracket, Sl.No.9972792730/100/1, Q: 54.6 M3/hr, H: 184 Mtr, 75HP, 1450 rpm		
1	Suction Casing	106	CI
2	Discharge Casing	107	CI
3	Stage Casing	108	CI
4	Casing Wearing Ring	502	CI
5	Diffuser	171.1	CI
6	Diffuser Last Stage	171.2	CI
7	Stuffing boxhousing (Normal)	451	CI
8	Gland (Normal)	452	CI
9	Gland Pkg. Set	461	Std.
10	Bearing Housing (Normal) (DE)	350	CI
11	S.P Sleeve (Suction) (Normal)	524.01	CI
12	S.P Sleeve (Discharge) (Normal)	524.02	CI
13	Spacer Sleeve (Suction)	525.01	CI
14	Stage Sleeve	521	CI
15	Thrower / Splash Ring	507	Steel
16	Impeller	230	CI
17	Spacer Sleeve (Discharge)	525.02	CI
18	Bearing Housing (Heavy) (NDE)	350.1	CI
19	Cover	160	CI
20	Oil Thrower (Guide Bush)	508	CI
21	Split Ring / Segmental Ring	501	45C8
22	Spacer Bush / Outer Distance Ring	543	CI
23	Spacer Sleeve /Inner distance Ring	525.08	CI
24	Lubricating Ring	644	MS
25	Vent Plug	913	EN8+AL
26	Bearing Cover (Old)	360	CI
27	Bearing End Cover (Old)	361	CI
28	Bearing Nut	923	45C8
29	Spacer Sleeve (NDE) (Old)	525.06	CI
30	Tie Bolt	905	Std.
31	Shaft with Keys (Normal-Old) (Medium)	210	45C8
32	Set of O-Ring & Gasket	412+400	Std.
33	Set of Fasteners	-	Std.
34	Angular Contact Ball Bearings (1 set=2nos)	320	Steel
35	Cylindrical Roller Bearings	322	Steel
XXX	Spares parts for KSB Pump Model : MEGA G 65-160 A) Cap- 100 M3/hr, Head: 25 Mtr., Rpm: 2900, P-11 KW, Impeller Dia: 152 mm SLNo. 9972333219/100/02 Location: NTO Over Flow pump Qty. 2 Nos		
1	Volute Casing	102	CI
2	Discharge Cover	163	CI
3	Support Foot	183	SG 400
4	Shaft with keys	210	45C8
5	Impeller	230	CI
6	Bearing Bracket	330	CI
7	Bearing Cover	360	CI
8	Set Of Gasket's & O-Ring	-	Std.
9	V Ring Set (1set = 2nos)	421/411	NB60
10	Gland set (1set = 2nos)	452	WCB
11	Lantern Ring	458	CI
12	Gland packing Set	461	Std.
13	Casing Wearing Ring	502.01	CI
14	Impeller Wearing Ring	502.02	CI
15	Splash Ring	507	Steel
16	Shaft Protection Sleeve	524	CI
17	Hex Bolts (Impeller Bolt with Washer)	901	A 193 Gr. B8M
18	Set of Plugs	903	45C8
19	Vent plug	913	Nylon 66
20	Set of Fasteners	-	Std.
21	Set of Keys (1set = 2nos)	940	45C8
22	Deep Groove Ball Bearing	321	Steel
XXXI	Spares parts for KSB Pump Model : MEGA G 40-200 B) Cap- 35 M3/hr, Head: 40 Mtr., Rpm: 2900, P-7.5 KW, Impeller Dia: 186 MMSLNo.9972112593/200/01 Location: Booster & Drinking Water pumps Qty. 5 Nos		
1	Volute Casing	102	CI
2	Discharge Cover	163	CI
3	Support Foot	183	SG 400
4	Shaft with keys	210	45C8
5	Impeller	230	CI
6	Bearing Bracket	330	CI
7	Bearing Cover	360	CI
8	Set Of Gasket's & O-Ring	-	Std.
9	V Ring Set (1set = 2nos)	421/411	NB60
10	Gland set (1set = 2nos)	452	WCB
11	Lantern Ring	458	CI
12	Gland packing Set	461	Std.
13	Casing Wearing Ring	502.01	CI
14	Impeller Wearing Ring	502.02	CI
15	Splash Ring	507	Steel
16	Shaft Protection Sleeve	524	CI
17	Hex Bolts (Impeller Bolt with Washer)	901	A 193 Gr. B8M
18	Set of Plugs	903	45C8
19	Vent plug	913	Nylon 66
20	Set of Fasteners	-	Std.
21	Set of Keys (1set = 2nos)	940	45C8
22	Deep Groove Ball Bearing	321	Steel
XXXII	Spares parts for KSB Pump Model : MEGA G 50-160 C) Cap- 55 M3/hr, Head: 30 Mtr., Rpm: 2900 Location: Booster pump Qty. 1 No.		

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Sl. No.	Description	Part No.	MOC
1	Volute Casing	102	CI
2	Discharge Cover	163	CI
3	Support Foot	183	SG 400
4	Shaft with keys	210	45C8
5	Impeller	230	CI
6	Bearing Bracket	330	CI
7	Bearing Cover	360	CI
8	Set Of Gasket's & O-Ring	-	Std.
9	V Ring Set (1set = 2nos)	421/411	NB60
10	Gland set (1set = 2nos)	452	WCB
11	Lantern Ring	458	CI
12	Gland packing Set	461	Std.
13	Casing Wearing Ring	502.01	CI
14	Impeller Wearing Ring	502.02	CI
15	Splash Ring	507	Steel
16	Shaft Protection Sleeve	524	CI
17	Hex Bolts (Impeller Bolt with Washer)	901	A 193 Gr. B8M
18	Set of Plugs	903	45C8
19	Vent plug	913	Nylon 66
20	Set of Fasteners	-	Std.
21	Set of Keys (1set = 2nos)	940	45C8
22	Deep Groove Ball Bearing	321	Steel
Spares parts for KSB Pump Model : MEGA G 50-200			
XXXIII D) Cap- 50 M3/hr, Head: 60 Mtr., Sr. No.9972539529/200/01			
Location: Seal Water pump Qty. 01 No.			
1	Volute Casing	102	CI
2	Discharge Cover	163	CI
3	Support Foot	183	SG 400
4	Shaft with keys	210	45C8
5	Impeller	230	CI
6	Bearing Bracket	330	CI
7	Bearing Cover	360	CI
8	Set Of Gasket's & O-Ring	-	Std.
9	V Ring Set (1set = 2nos)	421/411	NB60
10	Gland set (1set = 2nos)	452	WCB
11	Lantern Ring	458	CI
12	Gland packing Set	461	Std.
13	Casing Wearing Ring	502.01	CI
14	Impeller Wearing Ring	502.02	CI
15	Splash Ring	507	Steel
16	Shaft Protection Sleeve	524	CI
17	Hex Bolts (Impeller Bolt with Washer)	901	A 193 Gr. B8M
18	Set of Plugs	903	45C8
19	Vent plug	913	Nylon 66
20	Set of Fasteners	-	Std.
21	Set of Keys (1set = 2nos)	940	45C8
22	Deep Groove Ball Bearing	321	Steel
Spares parts for KSB Pump Model : MEGA G 32-250			
XXXIV E) Cap- 20 M3/hr, Head: 70 Mtr., Sr. No.9972389868/600/01			
Location: Jockey pump Qty. 02 Nos.			
1	Volute Casing	102	CI
2	Discharge Cover	163	CI
3	Support Foot	183	SG 400
4	Shaft with keys	210	45C8
5	Impeller	230	CI
6	Bearing Bracket	330	CI
7	Bearing Cover	360	CI
8	Set Of Gasket's & O-Ring	-	Std.
9	V Ring Set (1set = 2nos)	421/411	NB60
10	Gland set (1set = 2nos)	452	WCB
11	Lantern Ring	458	CI
12	Gland packing Set	461	Std.
13	Casing Wearing Ring	502.01	CI
14	Impeller Wearing Ring	502.02	CI
15	Splash Ring	507	Steel
16	Shaft Protection Sleeve	524	CI
17	Hex Bolts (Impeller Bolt with Washer)	901	A 193 Gr. B8M
18	Set of Plugs	903	45C8
19	Vent plug	913	Nylon 66
20	Set of Fasteners	-	Std.
21	Set of Keys (1set = 2nos)	940	45C8
22	Deep Groove Ball Bearing	321	Steel
Spares parts for KSB Pump Model : MEGA G 50-315			
XXXV F) Location: LSP Makeup Water pump , Qty. 02 Nos.			
1	Volute Casing	102	CI
2	Discharge Cover	163	CI
3	Support Foot	183	SG 400
4	Shaft with keys	210	45C8
5	Impeller	230	CI
6	Bearing Bracket	330	CI
7	Bearing Cover	360	CI
8	Set Of Gasket's & O-Ring	-	Std.
9	V Ring Set (1set = 2nos)	421/411	NB60
10	Gland set (1set = 2nos)	452	WCB
11	Lantern Ring	458	CI
12	Gland packing Set	461	Std.
13	Casing Wearing Ring	502.01	CI
14	Impeller Wearing Ring	502.02	CI
15	Splash Ring	507	Steel
16	Shaft Protection Sleeve	524	CI
17	Hex Bolts (Impeller Bolt with Washer)	901	A 193 Gr. B8M
18	Set of Plugs	903	45C8
19	Vent plug	913	Nylon 66
20	Set of Fasteners	-	Std.
21	Set of Keys (1set = 2nos)	940	45C8

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Sl. No.	Description	Part No.	MOC
22	Deep Groove Ball Bearing	321	Steel
XXXXVI	Spares parts for KSB Pump Model : MEGA G 65-315 G) Cap- 75 M3/hr, Head: 25 Mtr., Rpm: 1500, P-9.3 KW, SLNo.5111066838/100/03 Location: Neutral Cooling Tower pump Qty. 3 Nos		
1	Volute Casing	102	CI
2	Discharge Cover	163	CI
3	Support Foot	183	SG 400
4	Shaft with keys	210	45C8
5	Impeller	230	CI
6	Bearing Bracket	330	CI
7	Bearing Cover	360	CI
8	Set Of Gasket's & O-Ring	-	Std.
9	V Ring Set (1set = 2nos)	421/411	NB60
10	Gland set (1set = 2nos)	452	WCB
11	Lantern Ring	458	CI
12	Gland packing Set	461	Std.
13	Casing Wearing Ring	502.01	CI
14	Impeller Wearing Ring	502.02	CI
15	Splash Ring	507	Steel
16	Shaft Protection Sleeve	524	CI
17	Hex Bolts (Impeller Bolt with Washer)	901	A 193 Gr. B8M
18	Set of Plugs	903	45C8
19	Vent plug	913	Nylon 66
20	Set of Fasteners	-	Std.
21	Set of Keys (1set = 2nos)	940	45C8
22	Deep Groove Ball Bearing	321	Steel
XXXXVII	Spares parts for KSB Pump Model : MEGA G 80-315 Location: WTP DMF Feed pump Qty. 4 Nos		
1	Volute Casing	102	CI
2	Discharge Cover	163	CI
3	Support Foot	183	SG 400
4	Shaft with keys	210	45C8
5	Impeller	230	CI
6	Bearing Bracket	330	CI
7	Bearing Cover	360	CI
8	Set Of Gasket's & O-Ring	-	Std.
9	V Ring Set (1set = 2nos)	421/411	NB60
10	Gland set (1set = 2nos)	452	WCB
11	Lantern Ring	458	CI
12	Gland packing Set	461	Std.
13	Casing Wearing Ring	502.01	CI
14	Impeller Wearing Ring	502.02	CI
15	Splash Ring	507	Steel
16	Shaft Protection Sleeve	524	CI
17	Hex Bolts (Impeller Bolt with Washer)	901	A 193 Gr. B8M
18	Set of Plugs	903	45C8
19	Vent plug	913	Nylon 66
20	Set of Fasteners	-	Std.
21	Set of Keys (1set = 2nos)	940	45C8
22	Deep Groove Ball Bearing	321	Steel
XXXXVIII	Spares parts for KSB Pump, Model : MEGA G 100-250 I) Cap- 150 M3/hr, Head: 18 Mtr., Rpm: 1500, P-15 KW, Imp. Dia - 252 mm, SLNo. 5111055549/200/01 Location: Acidic Cooling Tower pump Qty. 2 Nos.		
1	Volute Casing	102	CI
2	Discharge Cover	163	CI
3	Support Foot	183	SG 400
4	Shaft with keys	210	45C8
5	Impeller	230	CI
6	Bearing Bracket	330	CI
7	Bearing Cover	360	CI
8	Set Of Gasket's & O-Ring	-	Std.
9	V Ring Set (1set = 2nos)	421/411	NB60
10	Gland set (1set = 2nos)	452	WCB
11	Lantern Ring	458	CI
12	Gland packing Set	461	Std.
13	Casing Wearing Ring	502.01	CI
14	Impeller Wearing Ring	502.02	CI
15	Splash Ring	507	Steel
16	Shaft Protection Sleeve	524	CI
17	Hex Bolts (Impeller Bolt with Washer)	901	A 193 Gr. B8M
18	Set of Plugs	903	45C8
19	Vent plug	913	Nylon 66
20	Set of Fasteners	-	Std.
21	Set of Keys (1set = 2nos)	940	45C8
22	Deep Groove Ball Bearing	321	Steel
XXXXIX	Spares parts for KSB Pump, Model : MEGA G 100-315 J) a) Cap- 185 M3/hr, Head: 35 Mtr., Rpm: 1470, Imp. Dia: FULL, SLNo. 5111010990/100/01 Location: Compressor Old Cooling Tower, 3P9C/D, ETP Road Side b) Cap- 185 M3/hr, Head: 35 Mtr., Rpm: 1470, Imp. Dia: FULL, SLNo. 5111055921/500/02 Location: Industrial Water pump Qty. 11 Nos.		
1	Volute Casing	102	CI
2	Discharge Cover	163	CI
3	Support Foot	183	SG 400
4	Shaft with keys	210	45C8
5	Impeller	230	CI
6	Bearing Bracket	330	CI
7	Bearing Cover	360	CI
8	Set Of Gasket's & O-Ring	-	Std.
9	V Ring Set (1set = 2nos)	421/411	NB60
10	Gland set (1set = 2nos)	452	WCB
11	Lantern Ring	458	CI
12	Gland packing Set	461	Std.
13	Casing Wearing Ring	502.01	CI
14	Impeller Wearing Ring	502.02	CI
15	Splash Ring	507	Steel
16	Shaft Protection Sleeve	524	CI

Annexure-1

Tender no. PUR/2/RC/KSB Pump spares/1262

Sl. No.	Description	Part No.	MOC
17	Hex Bolts (Impeller Bolt with Washer)	901	A 193 Gr. B8M
18	Set of Plugs	903	45C8
19	Vent plug	913	Nylon 66
20	Set of Fasteners	-	Std.
21	Set of Keys (1set = 2nos)	940	45C8
22	Deep Groove Ball Bearing	321	Steel
XL	Spares parts for KSB Pump, Model : MEGA G 100-400 K) Cap- 185 M3/hr, Head: 50 Mtr., Rpm: 1500, P-45 KW, Imp. Dia: 404 mm, SLNo. 5111061825/100/01 Location: 3P9A/B (RCC Water Pump), WTP Drinking Water pump, Qty. 06 Nos.		
1	Volute Casing	102	CI
2	Discharge Cover	163	CI
3	Support Foot	183	SG 400
4	Shaft with keys	210	45C8
5	Impeller	230	CI
6	Bearing Bracket	330	CI
7	Bearing Cover	360	CI
8	Set Of Gasket's & O-Ring	-	Std.
9	V Ring Set (1set = 2nos)	421/411	NB60
10	Gland set (1set = 2nos)	452	WCB
11	Lantern Ring	458	CI
12	Gland packing Set	461	Std.
13	Casing Wearing Ring	502.01	CI
14	Impeller Wearing Ring	502.02	CI
15	Splash Ring	507	Steel
16	Shaft Protection Sleeve	524	CI
17	Hex Bolts (Impeller Bolt with Washer)	901	A 193 Gr. B8M
18	Set of Plugs	903	45C8
19	Vent plug	913	Nylon 66
20	Set of Fasteners	-	Std.
21	Set of Keys (1set = 2nos)	940	45C8
22	Deep Groove Ball Bearing	321	Steel
XLI	Spares parts for KSB Pump, Model : MEGA G 125-250 Location: WTP Backwash Pump, Qty. 02 Nos.		
1	Volute Casing	102	CI
2	Discharge Cover	163	CI
3	Support Foot	183	SG 400
4	Shaft with keys	210	45C8
5	Impeller	230	CI
6	Bearing Bracket	330	CI
7	Bearing Cover	360	CI
8	Set Of Gasket's & O-Ring	-	Std.
9	V Ring Set (1set = 2nos)	421/411	NB60
10	Gland set (1set = 2nos)	452	WCB
11	Lantern Ring	458	CI
12	Gland packing Set	461	Std.
13	Casing Wearing Ring	502.01	CI
14	Impeller Wearing Ring	502.02	CI
15	Splash Ring	507	Steel
16	Shaft Protection Sleeve	524	CI
17	Hex Bolts (Impeller Bolt with Washer)	901	A 193 Gr. B8M
18	Set of Plugs	903	45C8
19	Vent plug	913	Nylon 66
20	Set of Fasteners	-	Std.
21	Set of Keys (1set = 2nos)	940	45C8
22	Deep Groove Ball Bearing	321	Steel
XLII	Spares parts for KSB Pump, Model : MEGA G 125-400 Cap- 250 M3/hr, Head: 60 Mtr., Rpm: 1500, P-60 KW, Imp. Dia: 415 mm, SLNo. 9972053156/100/01 Location: Fire Pump, Qty. 02 Nos.		
1	Volute Casing	102	CI
2	Discharge Cover	163	CI
3	Support Foot	183	SG 400
4	Shaft with keys	210	45C8
5	Impeller	230	CI
6	Bearing Bracket	330	CI
7	Bearing Cover	360	CI
8	Set Of Gasket's & O-Ring	-	Std.
9	V Ring Set (1set = 2nos)	421/411	NB60
10	Gland set (1set = 2nos)	452	WCB
11	Lantern Ring	458	CI
12	Gland packing Set	461	Std.
13	Casing Wearing Ring	502.01	CI
14	Impeller Wearing Ring	502.02	CI
15	Splash Ring	507	Steel
16	Shaft Protection Sleeve	524	CI
17	Hex Bolts (Impeller Bolt with Washer)	901	A 193 Gr. B8M
18	Set of Plugs	903	45C8
19	Vent plug	913	Nylon 66
20	Set of Fasteners	-	Std.
21	Set of Keys (1set = 2nos)	940	45C8
22	Deep Groove Ball Bearing	321	Steel
XLIII	Spares parts for KSB Pump, Model : CPK GC 200-500 Location: Talsa Emergency Pump, Qty. 04 Nos.		
1	Volute Casing	102	CI
2	Casing Cover	161	CI
3	Support Foot	183	SG 400
4	Shaft with Keys	210	45C8
5	Impeller	230	CF8M
6	Bearing Bracket	330	CI
7	Bearing Bracket Lantern	344	CI
8	Bearing Cover (NDE Side)	360.01	CI
9	Bearing End Cover (DE Side)	360.02	CI
10	Set of Gasket	400	Std.
11	O-Ring for Casing Cover	412	-

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Tender no. PUR/2/RC/KSB Pump spares/1262

Sl. No.	Description	Part No.	MOC
12	Set of Shaft Seal Ring / Oil Seal (DE + NDE) (1set=2nos)	421.01/02	St/rubber
13	Neck Ring	457	CI
14	St. Box Gland	452	CI
15	St. Box Pr. Ring	454	CI
16	Lantern Ring	458	CI
17	Gland Packing Set	461	Std.
18	Wearing Ring	502	CF8M
19	Impeller Ring	503	CF8M
20	Splash Ring/ Thrower	507	Al
21	Shaft Protection Sleeve	524	Type-316
22	Impeller Nut	922	Type-316
23	Constant Level Oiler	638	Std.
24	Vent Plug	913	St/ AL
25	Set of Fasteners	Std.	Set
26	Angular Contact Ball Brg. (1 set=2nos)	320	Steel
27	Cylindrical Roller Brg.	322	Steel
XLIV	Spares parts for KSB Pump, Model : MCPKE 080-050-160 Location: LSP Makeup Water pump, Sand Generation pump, Qty. 04 Nos.		
1	Volute Casing	102	WCB
2	Casing Cover	161	WCB
3	Support Foot	183	SG 400
4	Shaft with Keys	210	45C8
5	Impeller	230	WCB
6	Bearing Bracket	330	CI
7	Bearing Cover (DE+NDE) (1 Set = 2 Nos)	360.01/02	CI
8	Gland / Gland Follower	452	CI
9	St. Box Ring	454	CI
10	Gland Packing Set (1 Set = 4 Nos.)	461	Graphite (GH-P)
11	Wearing Ring	502	Cr.Steel
12	Splash Ring (Thrower)	507	ALIS:733 Gr.63400
13	Shaft Protection Sleeve with Joint Ring	524	SS410
14	Impeller Nut	922	CF8M
15	Constant Level Oiler	638	Al / Glor Plastic
16	Vent Plug	672	St / Al
17	Set of Shaft Seal Ring / Lip Seal (DE+NDE) (1 Set = 2 Nos)	421.01/02	NBR
18	Set of Joint Ring / Gaskets		Std.
19	Drip Plate	463	Std.
20	Grooved Ball Bearing	321	Steel
XLV	Spares parts for KSB Pump, Model : MCPKE 050-032-250 Location: Seal Water pumps, Qty. 05 Nos.		
1	Volute Casing	102	WCB
2	Casing Cover	161	WCB
3	Support Foot	183	SG 400
4	Shaft with Keys	210	45C8
5	Impeller	230	WCB
6	Bearing Bracket	330	CI
7	Bearing Cover (DE+NDE) (1 Set = 2 Nos)	360.01/02	CI
8	Gland / Gland Follower	452	CI
9	St. Box Ring	454	CI
10	Gland Packing Set (1 Set = 4 Nos.)	461	Graphite (GH-P)
11	Wearing Ring	502	Cr.Steel
12	Splash Ring (Thrower)	507	ALIS:733 Gr.63400
13	Shaft Protection Sleeve with Joint Ring	524	SS410
14	Impeller Nut	922	CF8M
15	Constant Level Oiler	638	Al / Glor Plastic
16	Vent Plug	672	St / Al
17	Set of Shaft Seal Ring / Lip Seal (DE+NDE) (1 Set = 2 Nos)	421.01/02	NBR
18	Set of Joint Ring / Gaskets		Std.
19	Drip Plate	463	Std.
20	Grooved Ball Bearing	321	Steel
XLVI	Spares parts for KSB Pump, Model : MOV132/4 Location: Magnetite Seal Water pumps, Qty. 05 Nos.		
1	Suction Casing	106	CI
2	Discharge Casing	107	CI
3	Stage Casing	108	CI
4	Diffuser Last Stage	171.02	CI
5	Shaft with Keys	210	45C8
6	Impeller	230	CI
7	Bearing Housing	350	CI
8	Bearing Cover	360	CI
9	Bearing End Cover	361	CI
10	St. Box Gland	452	CI
11	Gland Packing	461	Style 1800
12	Splash Ring	507	Steel
13	Shaft Protection Sleeve	524	CI
14	Spacer Sleeve	525.01	CI
15	O-Ring for Stage Casing	412.1	NB70
16	O-Ring for Shaft Sleeve	412.2	NB70
17	Circlip	932	Spr. Steel
18	Tie Rod	905	45C8
19	Set of Fasteners		Std.
XLVII	Spares parts for KSB Pump, Model : MOV132/3		
1	Suction Casing	106	CI
2	Discharge Casing	107	CI
3	Stage Casing	108	CI
4	Diffuser Last Stage	171.02	CI
5	Shaft with Keys	210	45C8
6	Impeller	230	CI
7	Bearing Housing	350	CI
8	Bearing Cover	360	CI
9	Bearing End Cover	361	CI
10	St. Box Gland	452	CI

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Tender no. PUR/2/RC/KSB Pump spares/1262

Sl. No.	Description	Part No.	MOC
11	Gland Packing	461	Style 1800
12	Splash Ring	507	Steel
13	Shaft Protection Sleeve	524	CI
14	Spacer Sleeve	525.01	CI
15	O-Ring for Stage Casing	412.1	NB70
16	O-Ring for Shaft Sleeve	412.2	NB70
17	Circlip	932	Spr. Steel
18	Tie Rod	905	45C8
19	Set of Fasteners		Std.
XLVIII	Spares parts for KSB Pump Model : MEGA G 65-160		
	S) Cap- 100 M3/hr, Head: 25 Mtr., Rpm: 2900, P-11 kW		
1	Volute Casing	102	CI
2	Discharge Cover	163	CI
3	Support Foot	183	SG 400
4	Shaft with keys	210	45C8
5	Impeller	230	CI
6	Bearing Bracket	330	CI
7	Bearing Cover	360	CI
8	Set Of Gasket's & O-Ring	-	Std.
9	V Ring Set (1set = 2nos)	421/411	NB60
10	Gland set (1set = 2nos)	452	WCB
11	Lantern Ring	458	CI
12	Gland packing Set	461	Std.
13	Casing Wearing Ring	502.01	CI
14	Impeller Wearing Ring	502.02	CI
15	Splash Ring	507	Steel
16	Shaft Protection Sleeve	524	CI
17	Hex Bolts (Impeller Bolt with Washer)	901	A 193 Gr. B8M
18	Set of Plugs	903	45C8
19	Vent plug	913	Nylon 66
20	Set of Fasteners	-	Std.
21	Set of Keys (1set = 2nos)	940	45C8
22	Deep Groove Ball Bearing	321	Steel
XLIX	Pump Model : CPK C 40-160		
1	Volute Casing	102	CF8M
2	Casing Cover	161	CF8M
3	Impeller	230	CF8M
4	Shaft with Keys	210	45C8
5	Support Foot	183	SG 400
6	Brg. Bracket	330	CI
7	Brg. Bracket Lantern	344	CI
8	Brg. Cover (NDE Side)	360.01	CI
9	Brg. Cover (DE Side)	360.02	CI
10	Set of Gasket	400	Std.
11	O-Ring for Casing Cover	412	
12	Oil Seal Set	421.01/02	St/rubber
13	Neck Ring	457	Type-316
14	Wearing Ring	502	CF8M
15	Impeller Ring	503	CF8M
16	Splash Ring/ Thrower	507	Al.
17	S.P. Sleeve	524	Type-316
18	Impeller Nut	922	CF8M
19	Constant Level Oiler	638	Std.
20	St. Box Gland	452	CF8M
21	St. Box Pr. Ring	454	CF8M
22	Lantern Ring	458	CF8M
23	Vent Plug	913	St/ AL
24	Gland Packing Set	461	Std.
25	Set of Fasteners		Std.
26	Deep groove Ball Bearing	321	Steel
L	Pump Model : CPK G 50-200		
1	Volute Casing	102	CI
2	Casing Cover	161	CI
3	Impeller	230	CI
4	Shaft with Keys	210	45C8
5	Support Foot	183	SG 400
6	Brg. Bracket	330	CI
7	Brg. Bracket Lantern	344	CI
8	Brg. Cover (NDE Side)	360.01	CI
9	Brg. Cover (DE Side)	360.02	CI
10	Set of Gasket	400	Std.
11	O-Ring for Casing Cover	412	
12	Oil Seal Set	421.01/02	St/rubber
13	Neck Ring	457	CI
14	Wearing Ring	502	CI
15	Impeller Ring	503	CI
16	Splash Ring/ Thrower	507	Al.
17	S.P. Sleeve	524	CI
18	Impeller Nut	922	CI
19	Constant Level Oiler	638	Std.
20	St. Box Gland	452	CI
21	St. Box Pr. Ring	454	CI
22	Lantern Ring	458	CI
23	Vent Plug	913	St/ AL
24	Gland Packing Set	461	Std.
25	Set of Fasteners		Std.
26	Deep groove Ball Bearing	321	Steel
LI	Spares parts for KSB Pump Model : MEGA G 80-200		
1	Volute Casing	102	CI
2	Discharge Cover	163	CI
3	Support Foot	183	SG 400
4	Shaft with keys	210	SS 410
5	Impeller	230	CI
6	Bearing Bracket	330	CI

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Tender no. PUR/2/RC/KSB Pump spares/1262

Sl. No.	Description	Part No.	MOC
7	Bearing Cover	360	CI
8	Set Of Gasket's & O-Ring	-	Std.
9	V Ring Set (1set = 2nos)	421/411	NB60
10	Gland set (1set = 2nos)	452	WCB
11	Lantern Ring	458	CI
12	Gland packing Set	461	Std.
13	Casing Wearing Ring	502.01	CI
14	Impeller Wearing Ring	502.02	CI
15	Splash Ring	507	Steel
16	Shaft Protection Sleeve	524	SS 316
17	Hex Bolts (Impeller Bolt with Washer)	901	A 193 Gr. B8M
18	Set of Plugs	903	45C8
19	Vent plug	913	Nylon 66
20	Set of Fasteners	-	Std.
21	Set of Keys (1set = 2nos)	940	45C8
22	Deep Groove Ball Bearing	321	Steel
L.II Spares parts for KSB Pump Model : MEGA G 80-250			
1	Volute Casing	102	CI
2	Discharge Cover	163	CI
3	Support Foot	183	SG 400
4	Shaft with keys	210	SS 410
5	Impeller	230	CI
6	Bearing Bracket	330	CI
7	Bearing Cover	360	CI
8	Set Of Gasket's & O-Ring	-	Std.
9	V Ring Set (1set = 2nos)	421/411	NB60
10	Gland set (1set = 2nos)	452	WCB
11	Lantern Ring	458	CI
12	Gland packing Set	461	Std.
13	Casing Wearing Ring	502.01	CI
14	Impeller Wearing Ring	502.02	CI
15	Splash Ring	507	Steel
16	Shaft Protection Sleeve	524	SS 316
17	Hex Bolts (Impeller Bolt with Washer)	901	A 193 Gr. B8M
18	Set of Plugs	903	45C8
19	Vent plug	913	Nylon 66
20	Set of Fasteners	-	Std.
21	Set of Keys (1set = 2nos)	940	45C8
22	Deep Groove Ball Bearing	321	Steel
L.II Pump Model : KWP GC 80-250			
1	Volute Casing	102	CI
2	Wear Plate	135	CI
3	Discharge Cover	163	CI
4	Impeller	230	CF8M
5	Shaft with Keys	210	45C8
6	S.P.Sleeve	524	45C8/Chr.PI
7	Brg.Bracket Lantern	344	CI
8	Support Foot	183	SG 400
9	Brg.Bracket	330	CI
10	Brg.Cover pump side	360.01	CI
11	Constant Level Oiler	638	Std.
12	Oil Seal Set	421	Std.
13	Splash Ring/ Thrower	507	Steel
14	St. Box Gland	452	CI
15	Lantern Ring	458	CI
16	Neck Ring	456	CI
17	Gasket & O-Ring Set	400 + 412	Std.
18	Lock Nut/Slotted Nut	920	45C8
19	Socket Head Cap Screw (for Impeller Cap)	914	AISI 304
20	Brg.Cover Motor side	360.02	CI
21	Impeller Cap	260	A 276 Type 316
22	Set of Fasteners	-	Std.
23	Set of Parallel Keys	940	Std.
24	Stuffing Box ring	454	CI
25	Gland Packing Set	461	Std.
26	Angular Contact Ball Brg.	320	Steel
27	Cylindrical Roller Brg.	322	Steel
28	Vent Plug	913	St./AL
29	Gland Packing Set	461	Std.
L.III Pump Model : KWPZ GC 80-250			
1	Volute Casing	102	CI
2	Wear Plate	135	CI
3	Discharge Cover	163	CI
4	Impeller	230	CF8M
5	Shaft with Keys	210	45C8
6	S.P.Sleeve	524	45C8/Chr.PI
7	Brg.Bracket Lantern	344	CI
8	Support Foot	183	SG 400
9	Brg.Bracket	330	CI
10	Brg.Cover pump side	360.01	CI
11	Constant Level Oiler	638	Std.
12	Oil Seal Set	421	Std.
13	Splash Ring/ Thrower	507	Steel
14	St. Box Gland	452	CI
15	Lantern Ring	458	CI
16	Neck Ring	456	CI
17	Gasket & O-Ring Set	400 + 412	Std.
18	Lock Nut/Slotted Nut	920	45C8
19	Socket Head Cap Screw (for Impeller Cap)	914	AISI 304
20	Brg.Cover Motor side	360.02	CI
21	Impeller Cap	260	A 276 Type 316
22	Set of Fasteners	-	Std.
23	Set of Parallel Keys	940	Std.
24	Stuffing Box ring	454	CI

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Tender no.PUR/2/RC/KSB Pump spares/1262

Sl. No.	Description	Part No.	MOC
25	Gland Packing Set	461	Std.
26	Angular Contact Ball Brg.	320	Steel
27	Cylindrical Roller Brg.	322	Steel
28	Vent Plug	913	St./Al.
29	Gland Packing Set	461	Std.
LIV SPARES FOR KSB PUMP (MODEL - ETANORM 125-100-315 GG)			
PUMP SERIAL NO. 500873888/100/1.			
1	Shaft with Keys	210	IS5517 45C8
2	Bearing cover DE	360	DC01-A
3	Volute casing	102	EN-GJL-250/A48 CL 35B
4	Casing cover	161	EN-GJL-250/A48 CL 35B
5	Bearing cover NDE	360	DC01-A
6	Shaft Protection Sleeve	524	A276 TP 410 COND H
7	Impeller	230	EN-GJL-250/A48 CL 35B
8	Bearing Bracket WS35	330	EN-GJL-250/A48 CL 35B
9	Stuffing box ring	454	JL/LAMELLAR GRAPHITE CAST IRON
10	Gland (Normal)	452	EN-GJL-250/A48 CL 35B
11	Casing wearing ring	502.01	JL/LAMELLAR GRAPHITE CAST IRON
12	Casing wearing ring	502.02	JL/LAMELLAR GRAPHITE CAST IRON
13	SET OF JOINT RING	411	NBR 60
14	SUPPORT FOOT	183	ST
15	CIRCLIP DE	932.01	SPRING STEEL+PHR
16	CIRCLIP NDE	932.02	SPRING STEEL+PHR
17	Set of Gasket	400	DPAF DW001
18	DEEP GROOVED BALL BEARING	321	ST
19	DEEP GROOVED BALL BEARING	321	ST
20	GLAND PACKING	461	CHAMPION STYLE 3116
21	LANTERN RING	458	JL/LAMELLAR GRAPHITE CAST IRON
22	SET OF PLUGS	903	ST
23	SET OF KEYS	940	STD
24	SET OF FASTNERS	-	-
25	SET OF STUD AND NUT	-	-
26	COUPLING UT-70	-	-
27	KSB PUMP SUCTION GT VALVE Class 150 150 mm	-	WCB/CA15
28	KSB PUMP SUCTION GT VALVE Class 150 200mm	-	WCB/CA15
29	KSB PUMP Discharge GT VALVE Class 150 150 mm	-	WCB/CA15
30	KSB PUMP Discharge GT VALVE Class 150 100 mm	-	WCB/CA15
31	KSB PUMP Discharge GT VALVE Class 150 80 mm	-	WCB/CA15
32	KSB PUMP Discharge GT VALVE Class 150 50 mm	-	WCB/CA15