

URANIUM CORPORATION OF INDIA LIMITED

JADUGUDA MINES

Tender No.: PUR/2/RC/Roto Pump spares/1269

ANNEXURE-1

Item: RC for Roto Pump spares.

FOR JADUGUDA Mill

ROTO PUMP FOR STRONG FLOCAL, MODEL- SAP 02501 ST09R18100

Sl. No	Material Description with MOC	Unit
1	Stator (Hyplone rubber bonded to MS)	Nos
2	Boot Seal (Hyplone rubber)	Nos
3	'O' Ring Set	Set
4	Rotor (SS316 HCP)	Nos
5	Set of coupling rod pin (SS316)	Nos
6	Pin retainer sleeve (SS316)	Nos
7	Coupling rod (SS316)	Nos
8	Boot seal retaining ring (SS316)	Nos
9	Shaft (SS316 HCP)	Nos
10	Set of stud for stuffing box (SS316)	Set

ROTO PUMP FOR DILUTE FLOCAL, MODEL- RNBA 031 H7CF1D

11	Stator (Hyplone rubber bonded to MS)	Nos
12	Boot Seal (Hyplone rubber)	Nos
13	'O' Ring Set	Set
14	Rotor (SS316 HCP)	Nos
15	Set of coupling rod pin (SS316)	Nos
16	Pin retainer sleeve (SS316)	Nos
17	Coupling rod (SS316)	Nos
18	Boot seal retaining ring (SS316)	Nos
19	Shaft (SS316 HCP)	Nos
20	Set of stud for stuffing box (SS316)	Set
21	Bearing Cover	Nos
22	Bearing Housing	Nos

ROTO PUMP FOR SPRAY DRYER, MODEL- 2TNA 20/21

23	Stator (Hyplone rubber bonded to MS)	Nos
24	Boot Seal (Hyplone rubber)	Nos
25	'O' Ring Set	Set
26	Rotor (SS316 HCP)	Nos

27	Set of coupling rod pin (SS316)	Nos
28	Pin retainer sleeve (SS316)	Nos
29	Coupling rod (SS316)	Nos
30	Boot seal retaining ring (SS316)	Nos
31	Shaft (SS316 HCP)	Nos
32	Set of stud for stuffing box (SS316)	Set

ROTO PUMP MODEL, MODEL - RDCA492R7CDID

33	PIN	Nos
34	COUPLING ROD	Nos
35	STUFFING BOX	Nos
36	STATOR	Nos
37	END COVER	Nos
38	PUMP LANTERN	Nos
39	SHAFT	Nos
40	PUMP HOUSING	Nos
41	ROTOR	Nos
42	UNIVERSAL JOINT KIT ,NITRILE BOOT SEAL	Nos

ROTO PUMP, MODEL- RMAB561

43	BEARING SPACER (EXTERNAL)	Nos
44	BEARING SPACER (INNER)	Nos
45	STUFFING BOX GASKET	Nos
46	TIE ROD	Nos
47	GLAND GUARD	Nos
48	STUFFING BOX	Nos
49	GLAND	Nos
50	STRAIGHT THROUGH END COVER	Nos
51	PUMP HOUSING	Nos
52	SHAFT	Nos
53	COUPLING ROD	Nos
54	ROTOR	Nos
55	BONDED STATOR	Nos
56	WATER THROWER	Nos
57	FOOT	Nos
58	BEARING COVER	Nos
59	BEARING HOUSING	Nos
60	PUNCHED WASHER FOR PART NO. 10	Nos

61	PUNCHED WASHER	Nos
62	DRIVE SCREW	Nos
63	UNIVERSAL JOINT	Nos
64	TAPER PLUG	Nos
65	LOCK ING WASHER	Nos
66	BEARING LOCK NUT	Nos
67	SPRING WASHER	Nos
68	HEX. NUT	Nos
69	SPRING WASHER	Nos
70	STUD (FOR PART NO. 5410 & 5810)	Nos
71	HEX HD. SCREW (FOR PART NO. 0410)	Nos
72	GREASE SEAL (FOR PART NO. 041 0)	Nos
73	PARALLEL KEY (FOR PART NO. 3200)	Nos

ROTO PUMP, MODEL- RDAA551-R9CD1L

74	BEARING SPACER (EXTERNAL)	Nos
75	BEARING SPACER (INNER)	Nos
76	STUFFING BOX GASKET	Nos
77	TIE ROD	Nos
78	GLAND GUARD	Nos
79	STUFFING BOX	Nos
80	GLAND	Nos
81	STRAIGHT THROUGH END COVER	Nos
82	PUMP HOUSING	Nos
83	SHAFT	Nos
84	COUPLING ROD	Nos
85	ROTOR	Nos
86	BONDED STATOR	Nos
87	WATER THROWER	Nos
88	FOOT	Nos
89	BEARING COVER	Nos
90	BEARING HOUSING	Nos
91	PUNCHED WASHER FOR PART NO. 10	Nos
92	PUNCHED WASHER	Nos
93	DRIVE SCREW	Nos
94	UNIVERSAL JOINT	Nos
95	TAPER PLUG	Nos

96	LOCK ING WASHER	Nos
97	BEARING LOCK NUT	Nos
98	SPRING WASHER	Nos
99	HEX. NUT	Nos
100	SPRING WASHER	Nos
101	STUD (FOR PART NO. 5410 & 5810)	Nos
102	HEX HD. SCREW (FOR PART NO. 0410)	Nos
103	GREASE SEAL (FOR PART NO. 041 0)	Nos
104	PARALLEL KEY (FOR PART NO. 3200)	Nos

Spares for Roto Pump, Model : RLAB541R7CF1D

105	Boot Seal (RR)	Nos.
106	Boot Seal Retainer	Nos.
107	Coupling Rod	Nos.
108	Rotor(HCP STD)	Nos.
109	Shaft HCP	Nos.
110	Stator RR	Nos.
111	Tie Rod	Nos.
112	UJ Maint. Kit	Nos.
113	Water Thrower (Nitrile Rubber)	Nos.
114	Universal Joint	Nos.
115	Taper Plug (Steel)	Nos.
116	Boot Seal Retaining Ring	Nos.
117	Universal Joint pins(Sets)	Nos.
118	Bearing cover	Nos.
119	Bearing Housing	Nos.
120	Set of Grease Seal	Nos.

Spares for Roto Pump, Model : RLAB571R7CF1D

121	Boot Seal (RR)	Nos.
122	Boot Seal Retainer	Nos.
123	Coupling Rod	Nos.
124	Rotor(HCP STD)	Nos.
125	Shaft HCP	Nos.
126	Stator RR	Nos.
127	Tie Rod	Nos.
128	UJ Maint. Kit	Nos.
129	Water Thrower (Hyplon Rubber)	Nos.

130	Boot Seal Retaining Ring	Nos.
131	Bearing cover	Nos.
132	Bearing Housing	Nos.
133	Set of Grease Seal	Nos.

FOR JADUGUDA MINES.

ROTO PUMP, MODEL- MR 72/31109

Sl. No	Material Description with MOC	Unit
134	Pin cap nut. Part No.3010	Nos
135	Coupling Rod, Part No.2610	Nos
136	Rotor, Part No.2500	Nos
137	Coupling rod pin,Part No.2910	Nos
138	Grease seal rubber,Part No.05	Nos
139	Stator rubber,Part No.2211	Nos
140	Sealing ring nitrile,Part No.1610	Nos
141	Lock washer / pin cap washer,Part No.3110	Nos
142	Coupling,Part No.38/42	Nos
143	Shaft CPWG,Part No.3200	Nos
144	Coupling rod bush,Part No.2710	Nos
145	Circlip ring,Part No.8580	Nos
146	Hex nut (for part no.11),Part No.12	Nos
147	Stud (for part no.5410 & 5810),Part No.14	Nos
148	O' ring (for part no.5010 & 5810), Part No.06	Nos
149	Lock Nut, Part No.07	Nos
150	Bearing spacer (inner),Part No.8510	Nos

FOR NARWAPAHAR.

ROTO PUMP MODEL: MR-72

Sl. No	Material Description with MOC	Unit code
151	Coupling rod Pin Pt. No.27	Nos
152	Coupling rod bush, pt.no.26	Nos
153	Coupling rod, pt.no.25	Nos
154	Shaft, pt.no.24	Nos
155	Rotor, pt.no.22	Nos
156	Stator, pt.no.20	Nos
157	Circlip Ring, pt.no.19	Nos
158	Barrel, pt.no.14	Nos
159	Starter housing, pt.no.12	Nos

160	Pump housing, pt.no.11	Nos
161	Nut, for no.43, pt.no.44	Nos
162	Stud (for 11 & 12),pt.no.43	Nos
163	Circlip pt.no.39	Nos
164	Rubber seal ring, pt.no.34	Nos
165	Grease seal, pt.no.33	Nos
166	Pin cap Washer, pt.no.32	Nos
167	Pin cap, pt.no.31	Nos
168	O' Ring (for 11 & 16) Pt.no.30	Nos
169	Bearing Lock Nut, pt.no.29	Nos
170	Bearing spacer, pt.no.28	Nos
171	Barrel Gasket, pt.no.69	Nos
172	Hex Nut (for no.48), pt.no.50	Nos
173	Stud (for 15 & 16),pt.no.48	Nos

FOR TURAMDIH.

Spares for Roto Pump, Model : RLAB541R7CF1D

Sl. No.	Description	Unit
174	Boot Seal (RR)	Nos.
175	Boot Seal Retainer	Nos.
176	Coupling Rod	Nos.
177	Rotor(HCP STD)	Nos.
178	Shaft HCP	Nos.
179	Stator RR	Nos.
180	Tie Rod	Nos.
181	UJ Maint. Kit	Nos.
182	Water Thrower (Nitrile Rubber)	Nos.
183	Universal Joint	Nos.
184	Taper Plug (Steel)	Nos.
185	Boot Seal Retaining Ring	Nos.
186	Universal Joint pins(Sets)	Nos.
187	Bearing cover	Nos.
188	Bearing Housing	Nos.
189	Set of Grease Seal	Nos.

Spares for Roto Pump, Model : RDAA511HOZZ3V

190	Boot Seal (RR)	Nos.
191	Boot Seal Retainer	Nos.

192	Coupling Rod	Nos.
193	Rotor(HCP MK 3)	Nos.
194	Shaft HCP	Nos.
195	Stator RR	Nos.
196	Tie Rod	Nos.
197	UJ Maint. Kit	Nos.
198	Water Thrower (Hyplon Rubber)	Nos.
199	Universal Joint	Nos.
200	Taper Plug (Steel)	Nos.
201	Boot Seal Retaining Ring	Nos.
202	Universal Joint pins(Sets)	Nos.
203	Bearing cover	Nos.
204	Bearing Housing	Nos.
205	Set of Grease Seal	Nos.

Spares for Roto Pump, Model : RDAA531HOZZ3V

206	Boot Seal (RR)	Nos.
207	Boot Seal Retainer	Nos.
208	Coupling Rod	Nos.
209	Rotor(HCP MK 3)	Nos.
210	Shaft HCP	Nos.
211	Stator RR	Nos.
212	Tie Rod	Nos.
213	UJ Maint. Kit	Nos.
214	Water Thrower (Hyplon Rubber)	Nos.
215	Universal Joint	Nos.
216	Taper Plug (Steel)	Nos.
217	Boot Seal Retaining Ring	Nos.
218	Universal Joint pins(Sets)	Nos.
219	Bearing cover	Nos.
220	Bearing Housing	Nos.
221	Set of Grease Seal	Nos.

Spares for Roto Pump, Model : RDAA491EOCF1E

222	Boot Seal (RR)	Nos.
223	Boot Seal Retainer	Nos.
224	Coupling Rod	Nos.
225	Rotor(HCP STD)	Nos.

226	Shaft HCP	Nos.
227	Stator RR	Nos.
228	Stator EPDM	Nos.
229	Tie Rod	Nos.
230	UJ Maint. Kit	Nos.
231	Water Thrower (Hyplon Rubber)	Nos.
232	Universal Joint	Nos.
233	Taper Plug (Steel)	Nos.
234	Boot Seal Retaining Ring	Nos.
235	Universal Joint pins(Sets)	Nos.
236	Bearing cover	Nos.
237	Bearing Housing	Nos.
238	Set of Grease Seal	Nos.

Spares for Roto Pump, Model : RDAA511R7CF1S

239	Boot Seal (RR)	Nos.
240	Boot Seal Retainer	Nos.
241	Coupling Rod	Nos.
242	Rotor(HCP STD)	Nos.
243	Shaft HCP	Nos.
244	Stator RR	Nos.
245	Tie Rod	Nos.
246	UJ Maint. Kit	Nos.
247	Water Thrower (Hyplon Rubber)	Nos.
248	Universal Joint	Nos.
249	Taper Plug (Steel)	Nos.
250	Boot Seal Retaining Ring	Nos.
251	Universal Joint pins(Sets)	Nos.
252	Bearing cover	Nos.
253	Bearing Housing	Nos.
254	Set of Grease Seal	Nos.

Spares for Roto Pump, Model : RDAA531R7CF1S

255	Boot Seal (RR)	Nos.
256	Boot Seal Retainer	Nos.
257	Coupling Rod	Nos.
258	Rotor(HCP STD)	Nos.
259	Shaft HCP	Nos.

260	Stator RR	Nos.
261	Tie Rod	Nos.
262	UJ Maint. Kit	Nos.
263	Water Thrower (Hyplon Rubber)	Nos.
264	Universal Joint	Nos.
265	Taper Plug (Steel)	Nos.
266	Boot Seal Retaining Ring	Nos.
267	Universal Joint pins(Sets)	Nos.
268	Bearing cover	Nos.
269	Bearing Housing	Nos.
270	Set of Grease Seal	Nos.

Spares for Roto Pump, Model : RLAB571R7CF1D

271	Boot Seal (RR)	Nos.
272	Boot Seal Retainer	Nos.
273	Coupling Rod	Nos.
274	Rotor(HCP STD)	Nos.
275	Shaft HCP	Nos.
276	Stator RR	Nos.
277	Tie Rod	Nos.
278	UJ Maint. Kit	Nos.
279	Water Thrower (Hyplon Rubber)	Nos.
280	Boot Seal Retaining Ring	Nos.
281	Bearing cover	Nos.
282	Bearing Housing	Nos.
283	Set of Grease Seal	Nos.

Spares for Roto Pump, Model : RDAA551R7CF1D

284	Boot Seal (RR)	Nos.
285	Boot Seal Retainer	Nos.
286	Coupling Rod	Nos.
287	Rotor(HCP STD)	Nos.
288	Shaft HCP	Nos.
289	Stator RR	Nos.
290	Tie Rod	Nos.
291	UJ Maint. Kit	Nos.
292	Water Thrower (Hyplon Rubber)	Nos.
293	Boot Seal Retaining Ring	Nos.

294	Bearing cover	Nos.
295	Bearing Housing	Nos.
296	Set of Grease Seal	Nos.

Spares for Roto Pump, Model : RMAB-601-E7CD1AA

Sl. No.: HD785, Flow-21Cu mtr/hr, Bar - 3, Motor - 5.5 KW

297	Bearing Cover	Nos.
298	Bearing Housing	Nos.
299	Boot Seal (Hyplon Rubber)	Nos.
300	Boot Seal Retainer	Nos.
301	Coupling Rod (SS316)	Nos.
302	Set of coupling rod pin (SS316)	Nos.
303	End Cover	Nos.
304	Gland	Nos.
305	O Ring set	Nos.
306	Rotor(SS316HCP)	Nos.
307	Seal Ring Set(Hyplon)	Nos.
308	Shaft (SS316)	Nos.
309	Set of Grease Seal	Nos.
310	Stator (Hyplon Rubber Bonded to MS)	Nos.
311	Tie Rod	Nos.
312	UJ Maint. Kit	Nos.
313	Boot Seal Retaining Ring (SS316)	Nos.
314	Set of stud for stuffing box (SS316)	Nos.
315	Pin Retainer Sleeve (SS316)	Nos.

Spares for Roto Pump, Model : RMAB-561-H0ZZ3V

Sl. No.: HE852, Flow-2.5 Cu mtr/hr, Bar - 5, Motor - 2.2 KW

316	Bearing Cover	Nos.
317	Bearing Housing	Nos.
318	Boot Seal (Hyplon Rubber)	Nos.
319	Boot Seal Retainer	Nos.
320	Coupling Rod (SS316)	Nos.
321	Set of coupling rod pin (SS316)	Nos.
322	End Cover	Nos.
323	Gland	Nos.
324	O Ring set	Nos.
325	Rotor(SS316HCP)	Nos.

326	Seal Ring Set(Hyplon)	Nos.
327	Shaft (SS316)	Nos.
328	Set of Grease Seal	Nos.
329	Stator (Hyplon Rubber Bonded to MS)	Nos.
330	Tie Rod	Nos.
331	UJ Maint. Kit	Nos.
332	Boot Seal Retaining Ring (SS316)	Nos.
333	Set of stud for stuffing box (SS316)	Nos.
334	Pin Retainer Sleeve (SS316)	Nos.

Spares for Roto Pump, Model : RMAB-662 B9 CD 1K

335	Bearing Spacer (External)	Nos.
336	Bearing Spacer (Inner)	Nos.
337	Stuffing box gasket	Nos.
338	Tie Rod	Nos.
339	Gland guard	Nos.
340	Stuffing box	Nos.
341	Gland	Nos.
342	Straight through end cover	Nos.
343	Pump housing	Nos.
344	Shaft	Nos.
345	Coupling Rod	Nos.
346	Rotor	Nos.
347	Bonded stator	Nos.
348	Water thrower	Nos.
349	Foot	Nos.
350	Bearing cover	Nos.
351	Bearing Housing	Nos.
352	Punched washer for part no.10	Nos.
353	Punched washer	Nos.
354	Drive screw	Nos.
355	Universal Joint	Nos.
356	Taper Plug	Nos.
357	Locking Washer	Nos.
358	Bearing Lock Nut	Nos.
359	Spring Washer	Nos.

360	Hex. Nut	Nos.
361	Spring Washer	Nos.
362	Stud (for part No.5410 & 5810)	Nos.
363	Hex HD.Screw (for part no.0410)	Nos.
364	Grease Seal (for part no.0410)	Nos.
365	Parallel Key (for part no.3200)	Nos.
366	Boot Seal (Hyplon Rubber)	Nos.
367	Stater Support Ring.	Nos.