

URANIUM CORPORATION OF INDIA LIMITED
TUMMALAPALLE MINES, M.C.Palle(PO), Vemula(M),
Kadapa, Andhra Pradesh – 516 349

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Ref: TMPL/RC/VASA PUMP SPARES/071/253

Item: Rate Contract for supply of spares of VASA Make Pumps

MATERIAL DETAILS

PUMP MODEL - VASA HDT 455-100 HICHROME WITH EXPELLER
TOTAL NO OF PUMPS --4
PUMP MODEL - VASA HDT 455-100 HICHROME WITH WATER SEAL
TOTAL NO OF PUMPS --9

ITEM DESCRIPTIONS

Sl. NO.	PART NAME	PART NO.	UNIT CODE	Req. Qty (Tentative)
1	IMPELLER	1-B22-741	1	9
2	CASING LINER	310207 -2	1	9
3	SPLIT OUTER CASING (FRONT & REAR)	196875 -M3	1	9
4	WEAR PLATE	310210 - M2	1	9
5	INLET LINING	310209 - M2	1	9
6	LANTERN RING	202370-1	1	9
7	GLAND	2-B22-527	1	20
8	SUPPORT	198447-M1	1	20
9	SUPPORT	198446-1	1	20
10	ATTACHMENT	198434-M1	1	20
11	WASHER	198273-1	1	20
12	SEALING RING	198445-1	1	20
13	SEALING RING	198443-1	1	20
14	SEALING RING	217657-1	1	20
15	SEALING RING	310430-M1	1	20
16	STUD M16X80 LG	951247	1	20
17	PLUG 3/8" BSP	954355	1	20
18	SCREW M12 x 80H	210852-1	1	20
19	WASHER PLAIN M12	951127	1	20
20	WASHER PLAIN M16	951130	1	20
21	WASHER PLAIN M20	951133	1	20
22	WASHER PLAIN M24	951136	1	20
23	HEX NUT M12	951069	1	20
24	HEX NUT M16	951071	1	20
25	HEX NUT M20	951074	1	20
26	NUT M24 (NYLOCK)	951116	1	20
27	HEX NUT M36	951078	1	20
28	HEX SCREW M12X25 LG	950753	1	20
29	HEX SCREW M12X40 LG	950756	1	20
30	HEX BOLT M10X50 LG	950736	1	20
31	STUD M12X60 LG	954742	1	20
32	HEX SCREW M16X45 LG	950781	1	20
33	HEX SCREW M20X45 LG	955541	1	20

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34	HEX SCREW M20X120 H	954856	1	20
35	HEX SCREW M24X60 LG	950825	1	20
36	HEX SCREW M24X180 LG	950835	1	20
37	SHAFT SLEEVE (SLIDING FIT)	3-B22-326	1	15
38	HEX NUT M10	951068	1	20
39	O RING 74.5X3	953098	1	20
40	SHAFT WITH BEARING HOUSING COMPLETE ASSY	2-B22-511	12	5
41	EXPELLER HOUSING	215394-1	1	15
42	EXPELLER RING	211855-2	1	15
43	EXPELLER	215396-M1	1	15
44	EXPELLER COVER	215395-1	1	15
45	O RING 330X14	956151	1	20
46	O RING 139.3X5.7	953227	1	20
47	HEX SCREW M16X130 LG	940334	1	20
48	PACKING 9/16" X 700 LG	956093-700	1	20
49	O RING 89.5X3	953194	1	20
50	KEY 16X10-30 LG	899016-030	1	20
51	BOX HOUSING MODIFIED	202368-1	1	10
52	SHAFT SLEEVE	3-B22-320	1	20
53	DISTANCE RING	202270-1	1	10
54	HOLDER	198453-1	1	20
55	WASHER	198273-1	1	20
56	FLANGE	310213-1	1	20
57	SEALING RING	310206-M1	1	20
58	OIL SEAL 90/120/12	952893	1	20
59	PACKING 9/16" x 1400	956093-1400	1	20
60	HEX SCREW M12X25 LG	950753	1	20
61	STUD M16X100 LG	956354	1	20
62	HEX SCREW M20X50 LG	950809	1	20
63	SHAFT	1-B22-742	1	20
64	BEARING HOUSING	101655-2	1	20
65	WASHER	180095-2	1	20
66	LOCK WASHER MB 15	954132	1	20
67	LOCK NUT KM 15	954181	1	20
68	COVER	92739-A	1	20
69	COVER	92728-A	1	20
70	DEFLECTOR RING	4-B22-208	1	20
71	OIL SEAL 90/110/12	953330	1	20
72	OIL SEAL 70/90/10	950206	1	20
73	GREASE NIPPLE 1/8" BSP 90 Deg	940139	1	20
74	WASHER PLAIN M10	951126	1	20

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75	HEX SCREW M10X25 LG	950732	1	20
76	O RING 74.5X3	953098	1	20
77	SOC HD GRUB SCREW M6X8 LG	951623	1	20
78	IMPELER, TRIMMED	2-B22-812	1	20

PUMP MODEL - VASA HDT 455-100 RL WITH WATER SEAL

TOTAL NO OF PUMPS --4

ITEM DESCRIPTIONS

Sl. NO.	PART NAME	PART NO.	Unit Code	Req. Qty (Tentative)
79	IMPELLER	1-B22-745	1	9
80	LINING FOR CASING	310201-M1	1	9
81	CASING LINER	310200-M1	1	9
82	SPLIT OUTER CASING (FRONT & REAR)	196875-M3	1	9
83	WEAR PLATE	310203-M1	1	9
84	LANTERN RING	202370-1	1	9
85	GLAND	2-B22-527	1	20
86	BOX HOUSING	202368-1	1	20
87	SHAFT SLEEVE	3-B22-320	1	20
88	DISTANCE RING	202270-1	1	20
89	SUPPORT	198447-M1	1	20
90	SUPPORT	198446-1	1	20
91	SHAFT WITH BEARING HOUSING COMPLETE ASSY	2-B22-511	12	10
92	ATTACHMENT	198434-M1	1	20
93	WASHER	198273-1	1	20
94	FLANGE	310213-1	1	20
95	SEALING RING	310206-M1	1	20
96	SEALING RING	198445-1	1	20
97	SEALING RING	202271-1	1	20
98	OIL SEAL 90/120/12	952893	1	20
99	PACKING 9/16" x 1400	956093-1400	1	20
100	PLUG 3/8" BSP	954355	1	20
101	WASHER PLAIN M12	951127	1	20
102	WASHER PLAIN M16	951130	1	20
103	WASHER PLAIN M20	951133	1	20
104	WASHER PLAIN M24	951136	1	20
105	HEX NUT M12	951069	1	20
106	HEX NUT M16	951071	1	20
107	HEX NUT M20	951074	1	20
108	NUT M24 (NYLOCK)	951116	1	20

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109	HEX NUT M36	951078	1	20
110	HEX SCREW M12X25 LG	950753	1	20
111	HEX SCREW M12X40 LG	950756	1	20
112	STUD M12X60 LG	954742	1	20
113	HEX SCREW M16X25 LG	950777	1	20
114	HEX SCREW M16X45 LG	950781	1	20
115	STUD M16X100 LG	956354	1	15
116	HEX SCREW M20X45 LG	955541	1	20
117	HEX SCREW M20X50 LG	950809	1	20
118	HEX SCREW M20X120 H	954856	1	5
119	HEX SCREW M24X60 LG	950825	1	15
120	HEX BOLT M24X180 LG	950835	1	15
121	SHAFT	1-B22-742	1	15
122	BEARING HOUSING	101655-2	1	15
123	WASHER	180095-2	1	20
124	LOCK WASHER MB 15	954132	1	20
125	LOCK NUT KM 15	954181	1	20
126	COVER	92739-A	1	20
127	COVER	92728-A	1	20
128	DEFLECTOR RING	4-B22-208	1	20
129	OIL SEAL 90/110/12	953330	1	10
130	OIL SEAL 70/90/10	950206	1	20
131	GREASE NIPPLE 1/8" BSP 90 Deg.	940139	1	10
132	WASHER PLAIN M10	951126	1	20
133	HEX SCREW M10X25 LG	950732	1	20
134	O RING 74.5X3	953098	1	20
135	SOC HD GRUB SCREW M6X8 LG	951623	1	20
136	IMPELLER	310204-M1	1	20

PUMP MODEL - VASA HDT 507-150 HICHROME WITH EXPELLER

TOTAL NO OF PUMPS --8

ITEM DESCRIPTIONS

SL. NO.	PART NAME	PART NO.	Unit Code	Req. Qty (Tentative)
137	CASING LINER	210240 -2	1	10
138	IMPELLER	1-B22-743	1	10
139	SEALING RING	211682-1	1	10
140	WEAR PLATE	210241 -M2	1	10
141	LANTERN RING	148247 - 1	1	10
142	HEX SCREW M12X50 LG		1	10
143	SEALING RING	148280 - 2	1	20
144	SUPPORT	148331-1	1	20

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145	SUPPORT	148330-M1	1	20
146	PLUG 1/2"BSP	953439	1	20
147	STUD M12X60 LG	954742	1	20
148	HEX SCREW M12X20 LG	950751	1	20
149	HEX SCREW M12X30 LG	950754	1	10
150	HEX SCREW M24X50 LG	950823	1	20
151	HEX SCREW M12X60 H	954845	1	20
152	HEX SCREW M20X50 LG	950809	1	20
153	STUD M16X110 LG	956260	1	20
154	HEX SCREW M24X140 H	954858	1	20
155	HEX NUT M16	951071	1	20
156	HEX NUT M12	951069	1	20
157	HEX NUT M24	951076	1	20
158	HEX NUT M48	951079	1	20
159	WASHER PLAIN M16	951130	1	20
160	WASHER PLAIN M12	951127	1	20
161	WASHER PLAIN M24	951136	1	20
162	WASHER PLAIN M20	951133	1	20
163	STUD M16X80 LG	951247	1	20
164	HEX BOLT M30 X 160 LG	950840	1	20
165	HEX BOLT M30 X 260 LG	950621	1	20
166	NUT M30 (NYLOCK)	951117	1	20
167	WASHER PLAIN M30	951138	1	20
168	SPACE WASHER	195448-1	1	20
169	SPLIT OUTER CASING (FRONT & REAR)	195447-M2	1	20
170	ATTACHMENT	310314-M1	1	20
171	HEX SCREW M16X50 LG	950782	1	20
172	SEALING RING	210243-1	1	20
173	INLET LINER	210242-M2	1	15
174	SEALING RING	210244-1	1	20
175	SCREW	210763-1	1	20
176	SHAFT WITH BEARING HOUSING COMPLETE ASSY	2-B22-512	12	5
177	GLAND	2-B22-529	1	15
178	O RING 94.5X3	953198	1	15
179	EXPELLER HOUSING	211857-1	1	15
180	EXPELLER RING	211855-2	1	15
181	EXPELLER	211854-M1	1	20
182	EXPELLER COVER	211856-1	1	20
183	SHAFT SLEEVE	4-B22-324	1	20
184	PACKING 9/16" x 770	956093-770	1	20

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185	O RING 79.5X3	953185	1	20
186	O RING 330X14	956561	1	20
187	O RING 139.3X5.7	953227	1	10
188	KEY 16X10-30 LG	899016-030	1	20
189	SHAFT	1-B22-744	1	10
190	KEY 16X10-45 LG	899016-045	1	20
191	KEY 22x14-160 LG	899022-160	1	20
192	DISTANCE RING	180632-1	1	20
193	LOCK NUT KM 18	954187	1	20
194	LOCK WASHER MB 18	954138	1	20
195	COVER	93842 - A	1	20
196	COVER	93843 -A	1	20
197	DEFLECTOR RING	93844-A	1	20
198	BEARING HOUSING	148326-1	1	10
199	OIL SEAL 85/110/12	953328	1	20
200	OIL SEAL 110/130/12	950545	1	20
201	GREASE NIPPLE 1/8" BSP 90 Deg.	940139	1	20
202	HEX SCREW M12X30 LG	950754	1	20
203	SOC HD GRUB SCREW M6X8 LG	951623	1	20
204	WASHER	180587-1	1	20

PUMP MODEL - VASA-G-180-302-50 R/L				
TOTAL NO OF PUMPS --24				
ITEM DESCRIPTIONS				
Sl. NO.	PART NAME	PART NO.	UNIT CODE	Req. Qty (Tentative)
205	PUMP CASING (NATURAL RUBBER)	1-B22-622-M1	1	10
206	WEAR PLATE (NATURAL RUBBER)	2-B22-489-M1	1	10
207	IMPELLER (NATURAL RUBBER)	3-B22-334-M1	1	10
208	INLET (NATURAL RUBBER)	1-B22-623-M1	1	10
209	HEX SCREW M16X100 LG	950791	1	10
210	HEX SCREW M16X80 LG	970788	1	10
211	HEX SCREW M16X80 H	954850	1	20
212	HEX SCREW M20X70 LG	950812	1	20
213	HEX SCREW M20X60 LG	950811	1	20
214	HEX SCREW M20X220 H	954857	1	20
215	HEX SCREW M20X120 LG	950818	1	20
216	HEX NUT M16	951071	1	20
217	HEX NUT M20	951074	1	10
218	WASHER PLAIN M20	951133	1	20

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219	NUT M24 (NYLOCK)	951116	1	20
220	SHAFT WITH BEARING HOUSING COMPLETE ASSY	2-B22-701-M1	12	20
221	HEX SCREW SS 304 -M12X 30 mm		1	20
222	HEX SCREW SS 304 -M12X 35 mm		1	20
223	SEALING RING	148003-1	1	20
224	SEALING RING	198385-3	1	20
225	SEALING RING	198385-2	1	20
226	SEALING RING	198385-1	1	20
227	WASHER PLAIN M16	951130	1	20
228	WASHER PLAIN M24	951136	1	20
229	WASHER SPRING M12 SS 304		1	20
230	HEX SCREW SS-304 M16X 70MM		1	20
231	PLAIN WASHER SS SS:304 M16		1	20
232	HEX SCREW M10X25 LG	950732	1	20
233	HEX NUT M10	951068	1	20
234	WASHER PLAIN M10	951126	1	20
235	HEX SCREW M10X15 LG		1	20
236	WASHER PLAIN M10	951126	1	20
237	SHAFT	2-B22-702-M1	1	20
238	O RING 29.2X 3	953126	1	30
239	KEY 14x9-100LG	899014-100	1	30
240	LOCK NUT KM 13	954177	1	30
241	LOCK WASHER MB 13	954128	1	30
242	BEARING HOUSING	101603-A	1	30
243	COVER	101604-A	1	30
244	SPACER RING	101638-1	1	30
245	COVER	110222-1	1	15
246	DEFLECTOR RING	110223-2	1	15
247	SPACER RING	115473-1	1	15
248	OIL SEAL 60/80/8	950200	1	15
249	OIL SEAL 90/110/12	953329	1	20
250	HEX SCREW M10X30 LG	950733	1	20
251	SOC HD GRUB SCREW M6X10 LG		1	20
252	GREASE NIPPLE 1/8" BSP STRAIGHT	940132	1	20
253	PUMP CASING (NATURAL RUBBER)	198259-M1	1	10
254	WEAR PLATE (NATURAL RUBBER)	70295-M1	1	10
255	IMPELLER (NATURAL RUBBER)	196903-M7	1	10
256	INLET (NATURAL RUBBER)	198260-M1	1	10

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257	SHAFT WITH BEARING HOUSING COMPLETE ASSY	2-B22-503	12	20
258	SHAFT	1-B22-715	1	20