

**BHARAT HEAVY ELECTRICALS LIMITED**  
**RAMACHANDRAPURAM : : HYDERABAD-502032**  
**M&S-P&C DEPARTMENT**

TENDER No.: M&S/P&S/2022/34, dt.: 18.08.2022

WORK: "Annual Maintenance Contract for 98 machine tools / Equipment / Lighting (except shop floor roof lighting) in 207-Tool Room & 210-Spares Manufacturing Centre and electrical maintenance of 07-Annexe and Central Gauging Centre buildings, New pipe and plate yard, crèche near J-Gate."

**ANNEXURE - II**

**LIST OF MACHINES PROPOSED FOR AMC 2022-2023 in 210 SMC**

S No	WC	WP	Asset No	Machine Description	Model No.	Major specs.(mm)	Type of M/C	FREQUENCY of PM
1	2711	4127	10-1374	CENTRE LATHE	NH22	S=460, BC=1500	Critical M/C	TWO Time in a year
2	2711	4311	10-1593	CENTRE LATHE	NHCNC-1350	S=350, BC=1350	Critical M/C	TWO Time in a year
3	2711	4142	10-1701	CENTRE LATHE	L-50	S=1000, BC=4000	Critical M/C	TWO Time in a year
4	2711	4223	10-1519	VERTICAL LATHE	SK-12	Work table dia=1200	Critical M/C	TWO Time in a year
5	2714	5884	10*2006	GEAR HOBGING	FO16	Max. dia. of work=900	Critical M/C	TWO Time in a year
6	2711	4821	10-1522	HORIZONTAL BORING MACHINE	H100A	Spindle dia=100	Critical M/C	TWO Time in a year
7	2711	4652	10-1536	RADIAL DRILLING MACHINE	VR6A	Drill cap.in Steel=63	Critical M/C	TWO Time in a year
8	2711	4126	10-1504	CENTRE LATHE	LB-20	S=410, BC=1500	Light/Medium M/C	TWO Time in a year
9	2711	4127	10-1505	CENTRE LATHE	H-22	S=460, BC=2000	Light/Medium M/C	TWO Time in a year
10	2711	4126	10-1509	CENTRE LATHE	LB-20	S=410, BC=1500	Light/Medium M/C	TWO Time in a year
11	2711	4126	10-1511	CENTRE LATHE	LB-20	S=410, BC=1500	Light/Medium M/C	TWO Time in a year
12	2711	4127	10-1515	CENTRE LATHE	H-26	S=530, BC=3000	Light/Medium M/C	TWO Time in a year
13	2711	4127	10-1516	CENTRE LATHE	H-26	S=530, BC=3000	Light/Medium M/C	TWO Time in a year
14	2711	4133	10-1517	CENTRE LATHE	SU63A	S=630, BC=3250	Light/Medium M/C	TWO Time in a year
15	2711	5532	10-1538	CYLINDRICAL GRINDER	G17U	Max. dia. Of work=350	Light/Medium M/C	TWO Time in a year
16	2711	5532	10-1707	CYLINDRICAL GRINDER	G17U	Max. dia. of work=350	Light/Medium M/C	TWO Time in a year
17	2711	5165	10-1641	MILLING MACHINE	EM3V	Table size=2050x350	Light/Medium M/C	TWO Time in a year
18	2711	5854	10-1702	TOOL & CUTTER & GRINDER (HMT)	GTC-28	Max. dia. of tool=200	Light/Medium M/C	TWO Time in a year
19	2711	5228	10*2004	VERTICAL MILLING MACHINE	FA5V	Table size=2000x430	Light/Medium M/C	TWO Time in a year
20	2711	4126		HARIHARA LATHE	HARIHAR	S=410, BC=1500	Light/Medium M/C	One Time in a year
21	2711	4133	10-1626	CENTRE LATHE	BOMBAY-63	Work table dia=630	Light/Medium M/C	One Time in a year
22	2121		10-1631	COIL WINDING M/c	Maxie	Low Voltage apparatus	Light/Medium M/C	One Time in a year
23	2121		10-1632	COIL WINDING M/c	NU 100	Low Voltage apparatus	Light/Medium M/C	One Time in a year
24	2712	4622	10-1546	DRILLING M/c PRAGA PILLER TYPE BALANCING COBIN	Praga	Drill cap.12	Light/Medium M/C	One Time in a year
25	2712	5682	10-1544	DRILLING M/c (1/2") PRAGA PILLER TYPE	Praga	Drill cap.12	Light/Medium M/C	One Time in a year
26	2712	5682	10-1545	DRILLING M/c (1/2") PRAGA PILLER TYPE	Praga	Drill cap.12	Light/Medium M/C	One Time in a year
27	2711	5228	10-1547	DRILLING MACHINE	PRAGA	Drill cap.12	Light/Medium M/C	One Time in a year
28	2712	1716	10-1677	FURNACE	24KW	Low Voltage apparatus	Light/Medium M/C	One Time in a year
29	2714	5854	10*2005	GEAR HOBGING	FO6	Max. dia. of work=500	Light/Medium M/C	One Time in a year
30	2714	5884	10*2009	GEAR GRINDING	ZSTZ	Max. dia. of work=500	Light/Medium M/C	One Time in a year

31	2714	5852	10*2007	GEAR HOBBING	ZFWZ	Max. dia. of cutter=100	Light/Medium M/C	One Time in a year
32	2121		10-1636	Hand Sharing M/c	NTP	Max. Cut Cap=10	Light/Medium M/C	One Time in a year
33	2711	5165	10-1527	MILLING MACHINE	M3U	Table size=1400x350	Light/Medium M/C	One Time in a year
34	2711	5165	10-1528	MILLING MACHINE	M3U	Table size=1400x350	Light/Medium M/C	One Time in a year
35	2711	5165	10-1530	MILLING MACHINE	M3H	Table size=2000x350	Light/Medium M/C	One Time in a year
36	2711	5227	10-1531	MILLING MACHINE	M3V	Table size=1600x350	Light/Medium M/C	One Time in a year
37	2711	5227	10-1532	MILLING MACHINE	M3V	Table size=2000x350	Light/Medium M/C	One Time in a year
38	2712	5165	10-1629	MILLING MACHINE	EM4H	Table size=2300x420	Light/Medium M/C	One Time in a year
39	2711	5165	10-1630	MILLING MACHINE	EM4H	Table size=2300x420	Light/Medium M/C	One Time in a year
40	2711	8412	10-1634	PEDESTAL GRINDER	NEI	Max. dia. of grinding wheel = 600	Light/Medium M/C	One Time in a year
41	2711	4127	10-1556	POWERSAW CUTTING MACHINE	COBRA-12	Work (throat cap)=300	Light/Medium M/C	One Time in a year
42	2712	9421	10-1710	RADIUS BENDING M/c	PERFECT	Max. dia = 800	Light/Medium M/C	One Time in a year
43	2712	9421	10-1711	RADIUS BENDING M/c	PERFECT	Max. dia = 800	Light/Medium M/C	One Time in a year
44	2712	9421	10-1712	RADIUS BENDING M/c	PERFECT	Max. dia = 800	Light/Medium M/C	One Time in a year
45	2712	9421	10-1611	ROLLER BENDING M/c	PERFECT	Max. dia = 800	Light/Medium M/C	One Time in a year
46	2711	5616	10-1540	SURFACE GRINDER (TOS)	BPH-300	Table size=1000x300	Light/Medium M/C	One Time in a year
47	2711	5682	10-	TOOL & CUTTER	PRAGA-412	Max. dia. of tool=200	Light/Medium M/C	One Time in a year
48	2711	5682	10-	TOOL & CUTTER	PRAGA-310GTC	Max. dia. of tool=200	Light/Medium M/C	One Time in a year
49	2711	4127	10-1045	TWO WHEEL PEDESTAL PEDDASTEL GRINDER	BBT-350	Max. dia. of grinding wheel = 600	Light/Medium M/C	One Time in a year
50	2711	5682	10-1541	TWO WHEEL PEDESTAL PEDDASTEL GRINDER	NEI	Max. dia. of grinding wheel = 600	Light/Medium M/C	One Time in a year
51	2712	5682	10-1543	TWO WHEEL PEDESTAL PEDDASTEL GRINDER	NEI	Max. dia. of grinding wheel = 600	Light/Medium M/C	One Time in a year
52	2711	5228	10-1542	TWO WHEEL PEDESTAL PEDDASTEL GRINDER	NEI	Max. dia. of grind wheel=600	Light/Medium M/C	One Time in a year
53	2712	9525	10-1621	WELDING GENERATOR	KE600	Low Voltage apparatus	Light/Medium M/C	One Time in a year
54			10-1706	SURFACE GRINDER	SFW-1	Table size=1500x250		One Time in a year

### LIST OF MACHINES PROPOSED FOR AMC 2022-2023 in 07 Tool Room

S No	WC	WP	Asset No	Machine Description	Model No.	Major specs.(mm)	Type of M/C	FREQUENCY of PM
1	2753	4717	07-1078	JIG BORING MACHINE	WKV-100	Table size=1000x1600	Critical M/C	One Time in a year
2	2753	4717	07-1129	JIG BORING MACHINE	WKV-100	Table size=1000x1600	Critical M/C	One Time in a year
3	2754	5948	07-1125	EDM WIRECUT	EDM	Heavy elect. m/c	Critical M/C	One Time in a year
4	2752	4133	07-1008	CENTRE LATHE	SU-63	S=630, BC=3250	Critical M/C	One Time in a year
5	2753	4223	07-1067	VERTICAL Lathe	SK-12	Work table dia.=1200	Critical M/C	One Time in a year
6	2753	4652	07-1075	RADIAL DRILLING MACHINE	VR6A	Drill cap. in Steel=63	Critical M/C	One Time in a year
7	2755	4977	07-1523	SINGLE COLUMN PLANING MACHINE	HJ8A	Table size=700x2500	Critical M/C	One Time in a year
8	2754	5967	07-1190	ALL CUT MACHINE	LHS-16	Max Cut Cap=6	Light/Medium M/C	One Time in a year
9	2752	4127	07- 1003	CENTRE LATHE	H-22	S=460, BC=2000	Light/Medium M/C	One Time in a year
10	2753	4129	07-1066	CENTRE LATHE	LB 25 SG	S=500, BC=2500	Light/Medium M/C	One Time in a year
11	2752		07-1001	CENTRE LATHE	LB-17	S=410, BC=1500	Light/Medium M/C	One Time in a year
12	2752	4129	07-1007	CENTRE LATHE	LB-25	S=500, BC=2500	Light/Medium M/C	One Time in a year

13	2753	4129	07-1065	CENTRE LATHE	LB-25	S=500, BC=2500	Light/Medium M/C	One Time in a year
14	2753	4727	07-1127	CENTRE LATHE	NH-22	S=460, BC=1500	Light/Medium M/C	One Time in a year
15	2752	4125	07-1005	CENTRE LATHE	SV18R	S=180, BC=1000	Light/Medium M/C	One Time in a year
16	2752	5526	07-1021	CYLINDRICAL GRINDER	G13U	Max. dia. of work=250	Light/Medium M/C	One Time in a year
17	2752	5532	07-1130	CYLINDRICAL GRINDER	G-17U	Max. dia. of work=350	Light/Medium M/C	One Time in a year
18	2752	1711	07-1036	ELECTRICAL FURNACE C 12	Elec. Furnace	Low Voltage Apparatus	Light/Medium M/C	One Time in a year
19	2756		07-1302	HACK SAW MACHINE	COBRA-12	Work (throat cap)=300	Light/Medium M/C	One Time in a year
20	2755	5612	07-1550	HAND PRESS	LRH3	Max. dia = 100	Light/Medium M/C	One Time in a year
21	2755	8421	07-1087	HAND PRESS		Max. dia = 100	Light/Medium M/C	One Time in a year
22	2752	1711		HYDRAULIC PRESS		Max. dia.=100	Light/Medium M/C	One Time in a year
23	2753	5227	07-1017	MILLING MACHINE	FB40U	Table size=1600x350	Light/Medium M/C	One Time in a year
24	2752	5227	07-1016	MILLING MACHINE	M3V	Table size=1600x400	Light/Medium M/C	One Time in a year
25	2756	1711		Ostrich gas cutting m/c	cutting	Low Voltage Apparatus	Light/Medium M/C	One Time in a year
26	2755	4614	07-1050	PRAGA DRILLING MACHINE	Praga	Drill cap.12	Light/Medium M/C	One Time in a year
27	2754	5163	07-1111	PRAGA DRILLING MACHINE	Praga	Drill cap.12	Light/Medium M/C	One Time in a year
28	2755	5612	07-1083	PRAGA DRILLING MACHINE	Praga	Drill cap.12	Light/Medium M/C	One Time in a year
29	2752	4645	07-1020	RADIAL DRILLING MACHINE	RM51	Drill cap. in steel = 50	Light/Medium M/C	One Time in a year
30	2755	5612		RADIAL DRILLING MACHINE	RM52	Drill cap. in steel = 50	Light/Medium M/C	One Time in a year
31	2752	4127	07-1031/A	ROTARY GRINDER		Max. dia. of grinding wheel=600	Light/Medium M/C	One Time in a year
32	2752	1711	07-1031	ROTARY GRINDER		Max. dia. of grinding wheel=600	Light/Medium M/C	One Time in a year
33	2753	8412	07-1601	SHARING MACHINE		Max. 5 (Aprox)	Light/Medium M/C	One Time in a year
34	2752	4931	07-1011	SLOTING MACHINE	CH-25	Ram stroke=250	Light/Medium M/C	One Time in a year
35	2755	5612	07-1120	SURFACE GRINDER	451 AP	Table size=455x150	Light/Medium M/C	One Time in a year
36	2753	5615	07-1301	SURFACE GRINDER	SFW-2	Table size=1500x250	Light/Medium M/C	One Time in a year
37	2752	331	07-1044/A	TOOL & CUTTER GRINDER	GTC 28	Max. dia. of tool=250	Light/Medium M/C	One Time in a year
38	2752	5721	07-1051	TWO WHEEL PEDASTEL GRIND	NEI 14	Max. dia. of grinding wheel=600	Light/Medium M/C	One Time in a year
39	2752	5721	07-1042	U-TOOL & CUTTER GRINDER	BN102	Max. dia. of tool=250	Light/Medium M/C	One Time in a year
40	2752	5721	07-1043	U-TOOL & CUTTER GRINDER	BN102	Max. dia. of tool=250	Light/Medium M/C	One Time in a year
41	2752	5721	07-1044	U-TOOL & CUTTER GRINDER	BN102	Max. dia. of tool=250	Light/Medium M/C	One Time in a year
42	2753	5227	07-1072	VERTICAL MILLING MACHINE	FB40V	Table size=1600x400	Light/Medium M/C	One Time in a year
43	2753	5227	07-1073	VERTICAL MILLING MACHINE	FB40V	Table size=1600x400	Light/Medium M/C	One Time in a year
44	2755	5612		DRILLING SHAPENER (1.5 TO 26MM)	Praga	Drill cap.12	Light/Medium M/C	One Time in a year