

Specification of Rubber liner

Complete set of wear Resistant Rubber Liner of Rod Mill of Size: 2500 mm X 4000 mm Long consisting of Shell Liners only along with necessary Fixing Hardware as per list attached as Annexure -B.

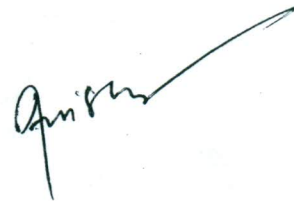
All Liner Bars shall be of Rubber only and shall be chamfered at one side.

Liner Bars : 210-180 SDS

Shell Plates : P-80

Note:

1. Life guarantee of Liners shall be 6500 running hours.
2. Installation & supervision: To be provided by the party free of cost.

A handwritten signature in black ink, appearing to be 'Anish', is located in the lower right quadrant of the page.

## Annexure B

One set comprises of following materials

SL No.	Item description	Item Code	Item Quantity				
			Feed	Shell	Disch	Spare	Total
1	LIFTER BAR 210-160 SDSC, L=660	M37-00051A006-0106	0	32	0	16	48
2	LIFTER BAR 210-160 SDSC, L=1320	M37-00051A001-0106	0	16	0	0	16
3	LIFTER BAR 210-160 SDSC, L=1202	M37-00051A087-0106	0	14	0	0	14
4	LIFTER BAR 210-160 SDSC, L=560(M/H)	M37-00051A038-0106	0	2	0	0	2
5	LIFTER BAR 210-160 SDSC, L=602	M37-00051A089-0106	0	2	0	0	2
6	SHELL PLATE 210-80 SDS, A=240, L=660	M34-009650006-0106	0	28	0	0	28
7	SHELL PLATE 210-80 SDS, A=240, L=361	M34-009650009-0106	0	4	0	0	4
8	SHELL PLATE 210-80 SDS, A=240, L=1320	M34-009650000-0106	0	16	0	0	16
9	SHELL PLATE 210-80 SDS, A=240, L=1202+20=1222	M34-009650010-0106	0	12	0	0	12
10	SHELL PLATE 210-80 SDS, A=240, L=1201 (AT M/H)	M34-C1163A000-0106	0	4	0	0	4
11	SHELL PLATE 210-80 SDS, A=240, L=300+20=320	M34-009650011-0106	0	4	0	0	4
12	SCREW-HEX.-HEAD M24 X 110, P-8.8	19-03440	0	198	0	35	233
13	SCREW-HEX.HD-M24X190-P8.8	19-03415	0	5	0	0	5
14	NUT-NYLOCK M24X3 (DIN 985), GR. 8	17-00042	0	204	0	35	239
15	WASHER-CUP DIA-80/28X19	HM-20-00025-M1	0	204	0	35	239
16	SEALING RUBBER DIA 80/25X14MM	HM-40-00007-102	0	204	0	35	239
17	WASHER-FLAT-MS-60X27X3MM	17-01036	0	204	0	35	239
18	CLAMP BLOCK FOR 210 SDS(SLOTTED TYPE)	HM-20-00373-M1	0	204	0	35	239
19	GROOVE LIST FOR 210-SDS, L=25	M40-001090000-0102	0	174	0	35	209
20	SEAL-ANTI-WASHING-60X60X10-HOLE-23	M72-000710000-FM	0	204	0	35	239
21	BUSH-RUBBER-DIA-33X26X23MM	HM-73-00029-R3	0	200	0	35	235
22	BUSH-RUBBER DIA-33/26X100	HM-73-00030-R3	0	8	0	0	8
23	FILLING SEGMENT 79-22.5 DEG, L=1320	M38-00149A000-0106	0	12	0	0	12
24	MANHOLE PLATE	M35-00679A000-0106	0	4	0	0	4
25	PROTECTION-ANTI-WASHING-50X60X1500	M72-000090000-FM	0	41	0	2	43

*Amr*

**PQC FOR SUPPLY OF RUBBER LINERS FOR GRINDING MILLS:**

1. Manufacturer of wear resistant rubber liners of Rod Mills who have supplied similar items to heavy mineral mining/ processing industry treating very hard abrasive ore only need to submit offer.
2. Party shall have at least two credentials of supply of same item to any one organization for Rod Mill size: 2.5Mtr. Dia.X 4.0 Mtr. Long or above of wet grinding overflow discharge type mill for siliceous ore in preceding seven years. Proof of this credential with performance certificate for satisfactory life must be enclosed with offer, failing which offer will be rejected.

**After sales service –support**

Concerned service engineer shall visit our site in every three months or if any emergency support is needed whichever is earlier. Supplier will do the wear measurement of lining system from site in every 3 months. Based on the wear measurement the supplier will submit a simulation report indicating the following things:

- a) Determination of wear rate of liners.
- b) Prediction of liner life.
- c) Computing the next tentative replacement date.
- d) Maintaining a Zero –Inventory of lining system.
- e) Avoiding any exigency.

**Performance guarantee:** Party must mention material of construction of the liners bars, shell plates and guaranteed life of the liners as below:

- Rod Mills 2RM-1A &1B liners-Minimum Life 6500 hrs

The firm will have to stand guarantee for liner performance as above.

**Security Deposit:** Security Deposit of 10% of the order value in the form of Bank Guarantee valid guaranteed life of the liners. The BG will be released after guaranteed life of the satisfactory operation of the mill using supplied liners. In case of failure of liners within guaranteed life the whole amount of BG will be forfeited by UCIL.

**Installation & Supervision:** Free Installation & supervision to be provided by party.