



NMDC LIMITED
BIOM, KIRANDUL COMPLEX

KC/IE/Production Review Meeting/23-24/02/

Dated: 04.06.2023

Minutes of Production Review Meeting held on 29.05.2023

Production review meeting during the month was held on 29.05.2023 at GM (Prod.) Conference hall. The following were present during the meeting:

S/Shri

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|-----|-----------------|--------------------------|
| 1. | SB Singh | GM (Prod.) |
| 2. | S K Kochar | GM (Min.), Mines Manager |
| 3. | B Selva Kumar | GM (Mech.), Ser. (Mech.) |
| 4. | P B Antony | DGM (Matls.) |
| 5. | B Prasad | DGM (Elect.), Ser. |
| 6. | Vivek Kumar | DGM (Min.), D-11B |
| 7. | Dhiren Bhushan | DGM (Min.), D-11C |
| 8. | Rupesh Kumar | DGM (Min.), D-14 |
| 9. | Rupak Burman | DGM (Mech.), FRS-14/11C |
| 10. | M Nagaseshu | DGM (Mech.), SC-14/11C |
| 11. | K Srinivasa Rao | AGM (Elect.), FES-11B |
| 12. | P S Kankwar | AGM (Mech.), FRS-11C |
| 13. | Rajesh Ajgale | AGM (Mech.), Autoshop |
| 14. | Ashok Thakur | SM (Mech.), SC-11C |
| 15. | M Sathyamoorthy | SM (Mech.), FRS-14 |
| 16. | Mohit Shukla | SM (Elect.), FES-11C |
| 17. | Rahul Sengar | SM (Mech.), Planning |
| 18. | Rajesh Kumar | Mgr. (IE) |

The following points were discussed in the meeting.

- 1.0** At the outset, GM (Prod.) welcomed all the HODs/Section in-charges in the meeting. The production and despatches during the month and year upto 28th May'23 was reviewed as under:

(Fig. in LT)

Particulars	May'23 (upto 28 th)			2023-24 (upto 28 th May)		
	Trgt.	Act.	Ach%	Trgt.	Act.	Ach%
ROM	11.91	11.28	95%	24.86	22.74	91%
Waste (Rep.)	2.94	3.32	113%	6.14	5.98	97%
Total Excn.	14.86	14.60	98%	31.01	28.72	93%
L+C+F Prod.	14.72	12.14	82%	30.77	24.80	81%
L+C+F Desp.	14.45	12.20	84%	30.50	25.56	84%

GM (Prod.) directed that efforts are to be made for ROM @ 65000 T/day & LCF Prod. @ 70000 T/day in balance days of the month.

Action: All concerned

- 2.0** Status of HEM equipment was reviewed as under:

2.1 Deposit-14:

Shovel/FEL

- ES-22 (8.0 cum.) – Ok
HS-25 (8.87 cum.) – B/d since 29.05.2023 due to bucket and front glass changing work. Expected to be ready by 02.06.2023.
HS-26 (8.87 cum.) – OK, Old engine repaired and fitted.

Dumper

- HP-37A (50T) – Kept out of schedule. Replacement is in progress at HO.
HP-53A (50T) – Kept out of schedule. Replacement is in progress at HO.
HP-49A (50T) – Kept out of schedule. Replacement is in progress at HO.
HP-17B (60T) – OK
HP-24B (60T) – B/d since 30.05.2023 due to right side final drive. Expected to be ready by 15.06.2023.
CP-22B (60T) – Ok
CP-23B (60T) – Ok
CP-52A (60T) – Ok
HP-66 (60T) – B/d since 02.06.2023 due to anti-collision device fitment work. Expected to be ready by 06.06.2023.
HP-67 (60T) – Ok
HP-68 (60T) – Ok

Water Sprinkler

- WT-2B – OK
WT-3C – OK
WT-5C – OK

Drill (10")

- IDM-2A – OK
IDM-6A – OK

Drill (4")

- CD-11A – B/d since 20.03.2023 due to compressor overheating. Expected to be ready by 30.06.2023.
THD-1 – B/d since 08.05.2022 due to fire incident.
THD-3 – Overhauling to be done, Spares received at ARC, Bacheli. Expected to be ready 15.06.2023.

Rock Breaker

- RBS-03 – OK

Dozer/Grader

- K-3A – OK
K-12 – OK
PD-1A – Ok
MG-6A – Ok
MG-8A – OK

2.2 Deposit-11C:

Shovel/FEL

- ES-20 (8.0 cum.) – Ok
ES-21 (8.0 cum.) – Ok
ES-23 (8.0 cum.) – OK.

ES-24 (8.0 cum.)	– B/d due to hoist current fluctuating, trial run on load to be taken. Expected to be ready by 02.07.2023.
FEL-1A (8.0 cum.)	– Ok
FEL-2 (8.0 cum.)	– OK
<u>Dumper</u>	
KD-54A (100T)	– OK
KD-55A (100T)	– OK
KD-56A (100T)	– OK
KD-57A (100T)	– OK
CP-58 (85T)	– B/d since 30.05.2023 due to abnormal sound from steering pump. Expected to be ready by 04.06.2023.
HP-60(85T)	– OK
HP-61 (85T)	– OK
HP-62 (85T)	– B/d since 12.09.2021 owing to cabin door repair. Expected to be ready by 05.06.2023.
HP-63 (85T)	– Kept out of Schedule. The replacement is awaited.
CP-64 (100T)	– OK
CP-65 (100T)	– OK
<u>Water Sprinkler</u>	
WT-1C	– OK
WT-7	– OK
WT-8	– OK
<u>Drill (10")</u>	
IDM-3A	– OK
IDM-4A	– OK
IDM-5A	– OK
IDM-7	– OK
<u>Drill (6")</u>	
BD-17A	– OK
<u>Drill (4")</u>	
CD-10A	– OK
THD-2	– B/d since 26.07.2020 due to engine overhauling work. The new Compressor has been fitted. The engine has been received but some matching spares are to be supplied by M/s. GMMCo. Expected to be ready by 15.06.2023.
<u>Rock Breaker</u>	
RBS-02	– OK
<u>Dozer/Grader</u>	
K-8A	– B/d since 22.05.2023 due to hoist operation slow. Expected to be ready by 02.06.2023.
K-10	– B/d since 22.05.2023 due to right steering clutch fail. Expected to be ready by 03.06.2023.
K-11	– B/d since 11.04.2023 owing to Pivot shaft work (RHS) The procurement of Spare is under progress. Expected to be ready by

20.06.2023.

K-2B	– OK
PD-2	– OK
MG-5A	– Kept out of schedule due to transmission failure and sent to CWS for Capital overhaul. Considering Overhaul cost work not taken up. Awaiting for replacement (replacement approved).
MG-10	– OK

2.3 **Deposit-11B:**

Shovel/FEL

HS-27 (8.87 cum.)	– OK, Left side track chain, roller, idler to be changed within 10 days.
HS-28 (8.87 cum.)	– OK

Dumper

KD-01(100T)	– OK
KD-02 (100T)	– OK
KD-03 (100T)	– OK
KD-04 (100T)	– OK
KD-05 (100T)	– OK
KD-06 (100T)	– OK
KD-07 (100T)	– OK
KD-08 (100T)	– OK

Water Sprinkler

WT-4C	– Ok
WT-6B	– OK
WT-9	– OK

Drill (10")

REL-1	– OK
REL-2	– OK

Drill (6")

REL-3	– Ok
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Drill (4")

CD-12A	– Ok
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Rock Breaker

RBS-01	– B/d since 02.04.2023 owing to Hydraulic pump failure. The proposal for approval to purchase pump under proprietary basis is in under progress.
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Dozer/Grader

K-7B	– OK
K-13	– OK
PD-3	– OK
MG-9	– B/d since 08.03.2023 due to engine failure. The overhauling is in progress. Expected to be ready by 30.06.2023

MG-7A – OK

2.4 **HEM & LOCO:**

Dozer

K-6A – OK

K-9A – OK

K-1B – OK

K-3B – OK

Loco

NMDC-1 – OK

NMDC-2 – OK

NMDC-3 – OK

2.5 **CRANE:**

FRS-14

MOC-02D (15T) – B/d due to engine failure. New engine procurement on the process. Expected to be ready by 15.07.2023

SC-14

TIL-02 (30T) – OK

TIL-04 (75T) – OK

MOC-03B (15T) – OK

FRS-11C

MOC-05B (15T) – OK

SC-11C

MOC-06A (11T) – OK

FRS-11B

MOC-07A (15T) – OK

HEM, KDL

TIL-01 (30T) – OK

MOC-01B (11T) – OK

MOC-04B (15T) – OK

3.0 **Urgent material/ Spares required:**

GM (Prod.) reviewed the requirement of spares. The list of HEMs material/spares required urgently is placed at Annexure-I & II and procurement of the same needs to be expedited.

Action: DGM (Matls.)

4.0 **Other points discussed:**

- a) GM (Prod.) instructed that the material to be sent to M/s AMNS, ore grade should not be less than 63.50%.

Action: All concerned

- b) GM (Prod.) directed for completion of monsoon preparatory works in the mines before the onset of monsoon.

Action: All concerned

- c) GM (Prod.) suggested that for smooth operation of light vehicle running in mines, coolant should be kept at respective section Time offices.

Action: All concerned

- d) GM (Prod.) suggested that all Section In-charge to submit equipment-wise cleaning plan for HEM Equipment and fixing responsibility for the same.

Action: All concerned

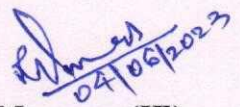
- e) GM (Prod.) suggested to maintain lubricant stock at POL Store of Dep-14/11C/11B.

Action: DGM (Matls.)

- f) GM (Prod.) observed that the lead time of spare parts from BEML is high and reliability issues in transmission and engine and a letter has been written to HO. directed to do follow up with HO.

Action: DGM (Malts.)

The meeting ended with vote of thanks to the chair.


Manager (IE)

Copy to:

1. All Concerned
2. ED (PC), NMDC Ltd., Hyd.
3. Mgr. (S) to Dir. (Prod.) - for kind information of Dir. (Prod.), Hyd.
4. Steno to CGM - for kind information of CGM.

I. Mechanical Items

Annexure-I

SN	Description	Urgently Reqd. Qty.	Pending Order/ purchase indent	Firms/ Status	Expected Delivery Date/Status	Remarks
A. List of Urgent requirement of spares:						
1	Annual indent for BEML WS28 water sprinkler spares	Indent Qty.	PR- 1000001063 dtd 09-07-2022	File not tracable by MM dept		PO to be placed on urgent basis
2	GFT spares (except tooth point) of Bucyrus 182M shovel	Indent Qty.	PO-240001938	PO issued on M/s TPI Undercarriage	Item received but rejected due to poor performance.	Material rejected due to poor quality
4	Urgent req of spares pertaining to Bucyrus 182M shovel (Crowd, undercarriage, pneumatic)	Indent Qty.	PR-1400001747- Non RC dtd 24-01-2022 PR- 1400002723-RC dtd. 02.07.2022	M/s. GMMCO & M/s.Sharan Enterprises	For non-RC items, GEM contract placed on M/s. Sharan Enterprises with delivery period as 14.05.2023 (2400006232)	RC items PO No: 2000003094 dtd.10.07.2022 was issued on M/s GMMCO Ltd. Items partially delivered by GMMCO. Also, M/s Sharan also delivered items partially, 11 items pending out of 28 items. Delivery to be expedited.
5	Procurement of lub pump, trip rod, & pneumatic valves for Electric rope shovels	Indent Qty.	PR-1400002722	Under process at MM Dept.	GEM contract placed on M/S. United Motion control for 05 items (2400006975) TENDER ISSUED FOR REMAINING 2 ITEMS	Delivery to be expedited.
6	Supply of pneumatic & Undercarriage spares for Bucyrus 182M shovel	Indent Qty.	PO-2000003094 dtd 10-07-2022	PO issued on M/s GMMCO under RC	PART QTY SUPPLIED	Delivery to be expedited
7	Supply of undercarriage items of Bucyrus 182M shovel	Indent Qty.	PO-2400006507 dtd 12-12-2022	PO issued on M/s Sharan Enterprises	PART QTY SUPPLIED	Delivery to be expedited only 01 item pending
8	Procurement of different types of jacks for Mechanical Services Department	Indent Qty.	GEMC- 51168774358513 dtd. 03.02.2022	PO issued on M/s Chindalia, Mumbai	PO issued on 06.02.2022. Delivery is pending	PO-2400002834 issued on 06.02.2022, Part material received at stores. Remaining items are pending.

9	Procurement of Heavy Duty Battery operated Torque wrench	1 no.	PO- 2400006307 dtd. 22.11.2022	PO issued on M/s Chindalia, Mumbai	PO issued on 22.11.2022. Delivery is pending.	Item delivery is pending.
10	Annual indent for BEML BS6D170 engine	Indent Qty.	PO- 2000003826 dtd. 16.05.2023	PO issued on M/s BEML		PO placed
11	Urgent requirement of rotary socket and hammer for drill machines	Indent Qty.	PO- 2400008532 dtd. 25.05.2023	PO issued on M/s Dyna Drill Equipment Pvt. Ltd	Delivery Period-18.11.2023	PO placed

II. Electrical Items

SN	Item code / Part No.	Description	Urgentl y Req. Qty.	Pending Order/ purchase indent	Firms / status	Remarks
A. List of Urgent requirement of spares:						
1	36A160121ACG01	Armature of Crow Generator for BEML, 182M 10 CumTr Electrical Rope Shovel	1	PR 1400002808 Dt. 24.06.2022	Under procurement on Proprietary basis from HO	Stock Nil. Urgently required.
2	1) 1600030834 2) 1600025555	1) Swing motor Brush 2) Hoist Motor Brush	1) 80 2) 70	PR No. 1400003916	Technical suitability done. Only one firm qualified.	Stock Nil. Urgently required. Under procurement from MM Section.
3	1600031333	Controller Joy Stick for BEML Shovel	4	1400002546 Dt. 14.05.22	Negotiation with the firm.	Stock Nil. Urgently required. Under procurement from MM Section.
4		Procurement of HT trailing cable for Electrical Shovels and Electrical drills at Dep-14, 11C and 11B		PR No. 1400004730		File sent to User for review of specifications
5		Procurement of Light fitting spares		GEM Bid No. GEM/2023/B/3189 413, dtd. 26/2/23		File sent to User for Technical suitability
6		Procurement of LED illuminaries for Dep-14, 11C and 11B		PR NO: PR no. 1400004351.		File sent to User for review of specifications