



NMDC LIMITED
BIOM, KIRANDUL COMPLEX

KC/IE/Production Review Meeting/23-24/01/

Dated: 29.04.2023

Minutes of Production Review Meeting held on 27.04.2023

Production review meeting during the month was held on 27.04.2023 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. | Anil Kumar | DGM (Min.) |
| 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. | Nischal Choudary | AGM (Elect.), FES-14/11C/11B |
| 11. | K Srinivasa Rao | AGM (Elect.), FES-11B |
| 12. | T Prakash | SM (Mech.), FRS-11B |
| 13. | K Gopal | SM (Mech.), SC-14 |
| 14. | M Sathyamoorthy | SM (Mech.), FRS-14 |
| 15. | Vishwajeet Verma | SM (Mech.), FRS-11C |
| 16. | Mohit Shukla | SM (Elect.), FES-11C |
| 17. | Rahul Sengar | SM (Mech.), Planning |
| 18. | Saurabh Kumar | SM (Mech.), Autoshop |
| 19. | Bipul Pandey | SM (Elect.), FES-14 |
| 20. | Manish Jha | Mgr. (Mech.), SC-11C |
| 21. | Baljinder Singh | Mgr. (IE) |

The following points were discussed in the meeting.

- 1.0** At the outset, GM (Prod.) congratulated all the HODs/Section in-charges in the meeting for achieving ever highest for Total excavation of Kirandul Complex during the year. The production and despatches during the month and year upto 26th Apr'23 was reviewed as under:

(Fig. in LT)

Particulars	Apr'23 (upto 26 th)			2023-24 (upto 26 th Apr)		
	Trgt.	Act.	Ach%	Trgt.	Act.	Ach%
ROM	10.88	9.50	87%	10.88	9.50	87%
Waste (Rep.)	2.69	3.05	114%	2.69	3.05	114%
Total Excn.	13.57	12.56	93%	13.57	12.56	93%
L+C+F Prod.	13.48	10.49	78%	13.48	10.49	78%
L+C+F Desp.	13.91	11.46	82%	13.91	11.46	82%

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 for surpassing records of any April 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.) – Ok, frequent starting trouble
- HS-26 (8.87 cum.) – B/d since 27.03.2023 due to overhauled engine failure.
The engine has been sent to workshop for repair under warranty.
Expected to be ready by 31.05.2023.

Dumper

- HP-37A (50T) – Kept out of schedule. Replacement is in progress .
- HP-53A (50T) – Kept out of schedule. Replacement is in progress .
- HP-49A (50T) – Kept out of schedule. Replacement is in progress .
- HP-17B (60T) – B/d since 10.04.23 owing to Front Left Hub spindle bearing Broken. Expected to be ready by 05.05.2023
- HP-24B (60T) – Ok
- CP-22B (60T) – Ok
- CP-23B (60T) – Ok
- CP-52A (60T) – Ok
- HP-66 (60T) – Ok
- 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 Propel Hose (air hose). The work is in progress. Expected to be ready by 30.04.2023.
- 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 20.05.2023.

Rock Breaker

- RBS-03 – OK

Dozer/Grader

- K-3A – OK
- K-12 – OK
- PD-1A – B/d since 18.04.2023 owing to coolant leakage. Fault tracking is under progress. Expected to be ready by 02.05.2023.
- MG-6A – B/d since 30.03.2023 owing to Transmission replacement.
Expected to be ready by 07.05.2023.

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.) – B/d since 06.02.2023 due to swing motor sparking (RHS).
Motor has been replaced & equipment is in running condition.

ES-24 (8.0 cum.) – B/d due to hoist current fluctuating, trial run on load to be taken.
Expected to be ready by 08.05.2023.

FEL-1A (8.0 cum.) – B/d since 01.04.2023 owing to bucket base cracked. Old bucket
received from Donimalai project & the fitment is in progress.
Expected date is 02.05.2023.

FEL-2 (8.0 cum.) – OK

Dumper

KD-54A (100T) – OK

KD-55A (100T) – OK

KD-56A (100T) – OK

KD-57A (100T) – OK

CP-58 (85T) – OK

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 30.04.2023.

HP-63 (85T) – Kept out of Schedule. The replacement is awaited.

CP-64 (100T) – OK

CP-65 (100T) – OK

Water Sprinkler

WT-1C – OK

WT-7 – OK

WT-8 – OK

Drill (10")

IDM-3A – OK

IDM-4A – OK

IDM-5A – OK

IDM-7 – OK

Drill (6")

BD-17A – OK

Drill (4")

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.

Rock Breaker

RBS-02 – OK

Dozer/Grader

K-8A – OK

K-10 – OK

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 20.05.2023.

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, Ladder lock mechanism issue to be resolved

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

Not in operation due to IR issue by Unions w.r.t MARC

Water Sprinkler

WT-4C – Ok, Operator Cabin needs renovation/replacement.

WT-6B – OK

WT-9 – OK

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Drill (10")

REL-1 – OK, frequent Feet cylinder pin mis-alignment.

REL-2 – OK

Drill (6")

REL-3 – B/d since 15.04.2023 owing to under carriage repair work (track chain, rollers, idlers & sprocket changing). Expected to be ready by 02.05.2023.

Drill (4")

CD-12A – B/d since 12.12.2022 owing to propel jam (LHS). Expected to be ready by 15.05.2023.

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.

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 20.05.2023

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) – OK

SC-14

TIL-02 (30T) – OK, Tendering process completed, order awaited

TIL-04 (75T) – OK

MOC-03B (15T) – OK

FRS-11C

MOC-05B (15T) – OK

SC-11C

MOC-06A (11T) – OK, under replacement, PO placed.

FRS-11B

MOC-07A (15T) – OK

HEM, KDL

TIL-01 (30T) – OK, Tendering process completed, order awaited

MOC-01B (11T) – OK, under replacement, PO placed.

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

Action: All concerned

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

Action: DGM (Matls.)

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

Action: DGM (Matls.)

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	GET 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
3	Tilt cylinder of CAT D-11T Dozer	PO qty.	PO no. 04T081/7340 dtd. 27.11.2020	04 no's quantities were supplied under PO by M/s Apex Fluidomatics	All 04 tilt cylinders failed under warranty. Urgent follow up to be done with the firm for rectification under warranty.	Under warranty replacement. firm will replace the cylinders by 31.03.2023.
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 OTY 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.	PR- 1000001436 dtd 06.02.23			PO to be placed on urgent basis
11	Urgent requirement of rotary socket and hammer for drill machines	Indent Qty.	PR- 1400004214 dtd 14.01.23			PO to be placed on urgent basis

II. Electrical Items

Annexure-II

SN	Item code / Part No.	Description	Urgentl y Reqd. 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		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		
5		Procurement of Light fitting spares		GEM Bid No. GEM/2023/B/3189 413, dtd. 26/2/23		
6		Procurement of LED illuminaries for Dep-14, 11C and 11B		PR NO: PR no. 1400004351.		