



**NMDC LIMITED**  
**BIOM, KIRANDUL COMPLEX**

KC/IE/Plant Review Meeting/23-24/03/

Dated: 15.07.2023

**Minutes of Plant Review Meeting held on 30.06.2023**

Plant Review meeting during the month was held on 30.06.2023 at plant office conference hall. The following were present during the meeting:

| S/Shri |                  |                                                 |
|--------|------------------|-------------------------------------------------|
| 1.     | S B Singh        | CGM (Prod.) -- Transferred to Donimalai Complex |
| 2.     | R Raja Kumar     | GM (Plant)                                      |
| 3.     | R Navukkarasu    | DGM (Mech.), SP-I                               |
| 4.     | Jagram Barwey    | DGM (Mech.), CP-14                              |
| 5.     | Abhinash Swain   | DGM (Mech.), Planning/CBM                       |
| 6.     | M Rajagopala Rao | DGM (Mech.), Planning                           |
| 7.     | Jitendra Thakre  | DGM (Mech.), LP                                 |
| 8.     | J Srinivas Rao   | DGM (Civil)                                     |
| 9.     | M S Baba         | AGM (Mech.), DH-11C                             |
| 10.    | H K Tirkey       | AGM (Mech.), CP-11C (Mech.)                     |
| 11.    | D Rajesh         | AGM (Elec.), SP-I                               |
| 12.    | T Prasad         | AGM (Elec.), LP                                 |
| 13.    | T Satya Babu     | AGM (Mech.), CP/DH-11B                          |
| 14.    | B L Sao          | AGM (Elec.), SP-II                              |
| 15.    | Animesh Jha      | SM (Civil)                                      |
| 16.    | Narendra         | SM (Elec.), CP/DH-11C                           |
| 17.    | Murli Krishna    | SM (Elec.), CP/DH-11B                           |
| 18.    | Baljinder Singh  | Mgr. (IE)                                       |
| 19.    | Jaka Madhu       | Mgr. (Elec.), Planning                          |
| 20.    | G Ram Kumar      | Mgr. (Elec.), CP/DH-14                          |
| 21.    | Naveen Runku     | AM (Matls.)                                     |

Following points were discussed in the meeting:

**1. Production and Despatch:**

At the outset, CGM (Prod.) congratulated all the HODs/Section in-charges in the meeting for surpassing ever highest ROM Prod, LCF Production & LCF Despatches during the Jun'23 and 1<sup>st</sup> Quarter (Highlights achieved till 29<sup>th</sup> June'23 are attached at Annexure-I). The production and despatches during the month and year upto 29<sup>th</sup> Jun'23 was reviewed as under:

(Fig. In LT)

| Parameter   | Jun'23 (upto 29 <sup>th</sup> ) |       |      | 2023-24 (upto 29 <sup>th</sup> Jun'23) |       |      |
|-------------|---------------------------------|-------|------|----------------------------------------|-------|------|
|             | Trgt.                           | Act.  | Ach% | Trgt.                                  | Act.  | Ach% |
| ROM Prod.   | 9.62                            | 10.66 | 111% | 35.52                                  | 34.44 | 97%  |
| Waste       | 2.45                            | 2.48  | 101% | 8.85                                   | 8.05  | 91%  |
| T.E.        | 12.07                           | 13.14 | 109% | 44.37                                  | 42.49 | 96%  |
| L+C+F Prod. | 11.92                           | 11.42 | 96%  | 43.97                                  | 37.35 | 85%  |
| L+C+F Desp. | 11.99                           | 12.39 | 103% | 44.04                                  | 38.94 | 88%  |

- i) CGM (Prod.) directed to reduce backlog of 1.30 LT (till date) in LCF Production (Fresh) in balance days of the month.

Further, directed that Chutes design to be studied as material is not passing and causing frequent jam of chutes and efficient use of Water absorbent Polymer (WAP) to be done to control moisture content.

- ii) CGM (Prod.) directed that efforts are to be made for improving production to achieve monthly targets of LCF production and LCF Despatches in the balance days.

**Action: All concerned**

## 2. Plant Status:

CGM (Prod.) reviewed the proposed works in various sections of OCSL plant as under:

| SN                                            | Item | Description                | Status/Works proposed                                                                                                                                                                                                               |
|-----------------------------------------------|------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>Crushing Plant-14 (Mechanical):</u></b> |      |                            |                                                                                                                                                                                                                                     |
| 1                                             | 101  | Apron Feeder               | Ok, Return roller to be replaced. It will be take up during repair work of 102 Primary Crusher.<br>Skirt board repositioned and dribble conveyor repaired during shut down.                                                         |
| 2                                             | 102  | Pri. Crusher               | Ok, Hydroset complete overhauling done. Spider rim liner bolt replaced and eccentric bushing checked.<br>Oil lubrication heat exchanger cleaned & re-fitted.                                                                        |
| 3                                             | 103  | Apron Feeder               | Ok, Driven wheel sprocket damaged, running under observation and needs to be replaced. The item has been ordered on M/s SN Engineering, Howrah.<br>Drive sprocket segment changed (both sides) and tail shaft guide wheel replaced. |
| 4                                             | 104  | NN200 X 1500 mm Belt Conv. | Belt patching done and re-joint to be done.                                                                                                                                                                                         |
| 5                                             | 107  | Scalping Screen            | Ok, Kobe Screen worn out panels have been replaced.<br>Spare screen kept ready.                                                                                                                                                     |
| 6                                             | 108  | Sec. Crusher               | Ok, worn out bottom shell & hub liner worn out replaced. Oil lubrication heat exchanger cleaned & re-fitted.                                                                                                                        |
| 7                                             | 109  | NN250 X 1200 mm Belt Conv. | Ok, Gear box oil seal, Drive side coupling and Driven side Input shaft bearing replaced.                                                                                                                                            |

|                                               |         |                            |                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------|---------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8                                             | 110     | NN250 X 1200 mm Belt Conv. | Ok, driven side coupling replaced and Gear box oil seal replaced.                                                                                                                                                                                                                                                                                        |
| 9                                             | 111     | NN250 X 1200 mm Belt Conv. | Ok, bend pulley (RHS) bearing and Gear box coupling replaced.                                                                                                                                                                                                                                                                                            |
| 10                                            | 112     | Grizzly                    | Ok, liners required to keep old grizzly ready as spare one.                                                                                                                                                                                                                                                                                              |
| <b><u>Crushing Plant-11C (Mechanical)</u></b> |         |                            |                                                                                                                                                                                                                                                                                                                                                          |
| 1                                             | 101 A&B | Apron Feeder               | 2 nos. Ok, A line-: Arch area damaged during blasting and Shut down needed for carrying out the work.<br>Bull gear repaired and needs to be replaced. Main shaft (LHS) Plummer block bearing replaced. Awaiting for bull gear.<br>B line: Gear and pinion worn out and needs to be replaced.<br>Bull gear, gear & pinion are ordered on M/s SR Engineers |
| 2                                             | 102 A&B | Pri. Gyratory Crusher      | 2 nos. Ok, A line – Ok, Mantle liners worn out, to be replaced. Eccentric bushing cracked, running under observation.<br>Mantle rim liner, Arm shield mantle liners, bottom shell concave liners not available. Mantles are in Enquiry Stage.<br>B line – Arm shield missing. Awaiting for new arm shield. The indent is under progress.                 |
| 3                                             | 103 A&B | Apron Feeder               | A-line: track link is worn-out need to be replaced in shutdown period of DH-11C. Apron sprocket (running with re-built teeth). The drive sprocket and Main shaft (RHS) Plummer block replaced. Segment gear not available.<br>B-line: Link chain damaged, needs to be replaced. Link chain not available. Order placed & PDI call given                  |
| 4                                             | 104 A   | NN200 X 1500 mm Belt Conv. | Ok, belt through cut, running under observation.                                                                                                                                                                                                                                                                                                         |
| 5                                             | 104 B   | NN125 X 2000 mm Belt Conv. | Ok                                                                                                                                                                                                                                                                                                                                                       |
| 6                                             | 107 A&B | Scalping screen            | 2 nos. Ok,<br>A – Line: Ok<br>B – Line: Ok                                                                                                                                                                                                                                                                                                               |
| 7                                             | 108 A&B | Sec. Crusher               | 2 nos. Ok                                                                                                                                                                                                                                                                                                                                                |
| 8                                             | 109 A&B | NN250 X 1200 mm Belt Conv. | 2 nos. Ok, A line - Ore box liners replaced.<br>B line – ore box liners to be replaced.<br>Impact roller to be replaced. Rollers not available.                                                                                                                                                                                                          |
| 9                                             | 112 A&B | Grizzly                    | 2 nos. Ok, liners required to keep the spare grizzly ready. Liners not available. The order has been placed.                                                                                                                                                                                                                                             |
| 10                                            | 113     | Primary Crane              | Ok                                                                                                                                                                                                                                                                                                                                                       |
| 11                                            | 119     | NN250 X 1200 mm Belt Conv. | Ok, Bend pulley shell damaged, to be replaced.<br>High speed coupling worn out, running under                                                                                                                                                                                                                                                            |

|                                         |                        |                                         |                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------|------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                         |                        |                                         | observation and needs to be replaced. Coupling not available. Coupling is in re-tendering stage.                                                                                                                                                                                                                              |
| 12                                      | 120                    | Moving Tripper                          | Ok, Tripper bend pulley shell partially worn-out, running under observation. Pulley to be replaced. Pulley not available.                                                                                                                                                                                                     |
| <b><u>CP/DH-11B (Mechanical)</u></b>    |                        |                                         |                                                                                                                                                                                                                                                                                                                               |
| 1                                       | 1103                   | Pri. Crusher                            | Ok, Spare mantle to be kept ready and epoxy compound not available.                                                                                                                                                                                                                                                           |
| 2                                       | 1104                   | Apron Feeder                            | Ok, Drive sprocket segment and pan to be replaced, awaiting for segment & pan. Pan has been ordered. Bolts not available                                                                                                                                                                                                      |
| 3                                       | 1105                   | NN 200 X 1500 mm Belt conv.             | Ok, 180 mtrs. belt replaced.                                                                                                                                                                                                                                                                                                  |
| 4                                       | 1107                   | Scalping Screen                         | Ok, damaged panels have been replaced and spare screen kept ready.                                                                                                                                                                                                                                                            |
| 5                                       | 1108                   | Sec. Crusher                            | Ok, Spare mantle, bowl liners, epoxy compound not available. Spare Mantle and Bowl liners are in TSC Stage. Epoxy/ Backing compound have been ordered on M/s Excel Enterprises.                                                                                                                                               |
| 6                                       | 1109                   | NN200 X 1500 mm Belt conv.              | Ok                                                                                                                                                                                                                                                                                                                            |
| 7                                       | 1110                   | NN200 X 1500 mm Tripper conv.           | Ok                                                                                                                                                                                                                                                                                                                            |
| 8                                       | 1111                   | Tripper                                 | Ok                                                                                                                                                                                                                                                                                                                            |
| 9                                       | 1115 (A-F)<br>(6 Nos.) | Apron Feeder                            | Ok                                                                                                                                                                                                                                                                                                                            |
| 10                                      | 1116                   | NN250 X 1200 mm Belt conv               | Ok                                                                                                                                                                                                                                                                                                                            |
| 11                                      | 1117                   | ST5000 X 1200 mm single flight DH conv. | Ok<br>Fencing to be done. Return rollers (V type: 10°) not available (1200 set). The item is urgently required. The order has been placed and drawing approval given. Only 180 rollers received and consumed.<br>Diverting gate, sloping chute liners worn out. Liners not available. PDI call received from M/s Sasco Steels |
| 12                                      | 1120                   | NN250 X 1200 mm Belt conv.              | Ok                                                                                                                                                                                                                                                                                                                            |
| <b><u>Downhill- 14 (Mechanical)</u></b> |                        |                                         |                                                                                                                                                                                                                                                                                                                               |
| 1                                       | 201 A & B              | Vibrating Feeder                        | 2 Nos. Ok B line: Gear box abnormal sound. Gear box to be replaced. Gear box not available. Gear box oil has been replaced. Indent under progress for New Exciter. Hopper overhauling done subject in shut down period.                                                                                                       |
| 2                                       | 202                    | ST 1600 X 1200 mm Belt Conveyor         | Ok                                                                                                                                                                                                                                                                                                                            |

|                                              |                            |                                         |                                                                                                                                                                                                      |
|----------------------------------------------|----------------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3                                            | 203                        | ST 5000 X<br>1200 mm Belt<br>Conveyor   | Ok, 400 mtrs belt replaced.<br>GB no.:2 fitted and GB no.:03 to be fitted.                                                                                                                           |
| 4                                            | 204                        | ST 1600 X<br>1200 mm Belt<br>Conveyor   | Ok, Abnormal sound from Gear box, running under<br>observation.<br>The Gear box procurement has been re-tendered. And is<br>in TSC Stage.                                                            |
| 5                                            | 205                        | NN 250X 1200<br>mm Radial<br>Conveyor   | Ok                                                                                                                                                                                                   |
| <b><u>Downhill-11C (Mechanical)</u></b>      |                            |                                         |                                                                                                                                                                                                      |
| 1                                            | 122<br>(A - F)<br>(6 Nos.) | Apron Feeder                            | 06 nos. Ok, A/B/C/D/E: damaged liners replaced.                                                                                                                                                      |
| 2                                            | 123                        | NN 250 X 1200<br>mm Belt<br>Conveyor    | Ok, 192 mtrs. Belt to be replaced (Life achieved),<br>running in good condition. Belt replacement planned.<br>Fencing to be re-positioned and widening of approach as<br>restricting dozer movement. |
| 3                                            | 124                        | ST 2800 X<br>1050mm Belt<br>Conveyor    | Ok, 130 mtrs belt replaced. Belt replacement to be done<br>after June'23.                                                                                                                            |
| 4                                            | 125                        | ST1600 X 1050<br>mm Belt<br>Conveyor    | Ok, 525 mtrs belt to be replaced. Belt shifted to site.<br>High speed coupling bolt replaced.                                                                                                        |
| 5                                            | 126                        | ST 2800 X<br>1050 mm Belt<br>Conveyor   | Ok, Motor-1 Gearbox out coupling & input shaft bearing<br>to be replaced. Work to be taken up during shut down of<br>braking system up-gradation.                                                    |
| 6                                            | 127                        | ST 1600 X<br>1050 mm Belt<br>Conveyor   | Ok                                                                                                                                                                                                   |
| 7                                            | 128                        | ST 1600 X<br>1050 Belt Conv.            | Ok                                                                                                                                                                                                   |
| 8                                            | 131                        | NN 250 X 1050<br>mm Belt Conv.          | Ok                                                                                                                                                                                                   |
| 9                                            | 132                        | Tripper                                 | Ok                                                                                                                                                                                                   |
| 10                                           | 133                        | NN 250 X 1050<br>mm Belt<br>Conveyor    | Ok, Joint no.:2 to be re-jointed.                                                                                                                                                                    |
| <b><u>Screening Plant-I (Mechanical)</u></b> |                            |                                         |                                                                                                                                                                                                      |
| 1                                            | 301                        | Vib Feeder<br>(8 Nos.)                  | 8 nos. Ok                                                                                                                                                                                            |
| 2                                            | 302                        | NN 250 X<br>1200mm Conv.<br>(4 Nos.)    | 4 nos. Ok                                                                                                                                                                                            |
| 3                                            | 304                        | Primary<br>Vibrating<br>Screen (4 Nos.) | 4 nos. Ok                                                                                                                                                                                            |
| 4                                            | 305                        | Secondary<br>Vibrating                  | 4 nos. Ok                                                                                                                                                                                            |

|                                                         |           |                                    |                                                                                                              |
|---------------------------------------------------------|-----------|------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                         |           | Screen (4 Nos.)                    |                                                                                                              |
| 5                                                       | 306       | NN 250 X 1200 mm Belt Conv.        | Ok                                                                                                           |
| 6                                                       | 307       | NN 250 X 1200 Belt Conv.           | Ok                                                                                                           |
| 7                                                       | 308 (A-B) | NN 250 X 900 mm Belt Conv.         | Ok                                                                                                           |
| 8                                                       | 309       |                                    | Ok                                                                                                           |
| 9                                                       | 310       | ST 1600 X 1050 mm Belt Conv.       | Ok, head side (RHS) slow speed coupling replaced. 210 mtrs belt replaced.                                    |
| 10                                                      | 312 A     | Conveyor                           | Ok                                                                                                           |
| 11                                                      | 314       | NN 250 X 900 mm Conveyor           | Ok, 227 mtrs belt to be replaced.                                                                            |
| 12                                                      | 315       | NN 250 X 900 mm Conveyor           | Ok                                                                                                           |
| 13                                                      | 315N1     | NN 250 X 900 mm Conveyor           | Ok, 360 mtrs belt to be replaced.                                                                            |
| 14                                                      | 316       | NN 250 X 900 mm Conveyor           | Ok                                                                                                           |
| 15                                                      | 317A & B  | NN 250 X 900 mm Conveyor           | Ok                                                                                                           |
| 16                                                      | 318       | NN 250 X 1050 mm Conveyor          | Ok, 56 mtrs belt to be replaced.                                                                             |
| 17                                                      | 923       | NN 250 X 900 mm Belt Conv          | Ok                                                                                                           |
| 18                                                      | 925       | NN 250 X 900 mm Belt Conv          | Ok                                                                                                           |
| <b><u>Screening Plant-II &amp; TCP (Mechanical)</u></b> |           |                                    |                                                                                                              |
| 1                                                       | 701       | Vib. Feeder (18 Nos.)              | 16 nos.<br>B/d: A2 – Exciter replacement work under progress<br>B/d: A3 – Feeder body repair is in progress. |
| 2                                                       | 702       | NN 250 X 1050 mm Conveyor (6 Nos.) | 6 nos., E line- drive lagging to be done                                                                     |
| 3                                                       | 704       | Primary Vib. Screen (5 Nos.)       | 4 nos. Ok, A line – Saddle repair work is in progress.                                                       |
| 4                                                       | 705       | NN 250 X 1050 mm Conveyor          | Ok                                                                                                           |
| 5                                                       | 706       | Sec. Vib Screen (5 Nos.)           | 5 nos. Ok, A line – Screen repair work is in progress.<br>B line – completely overhauled.                    |
| 6                                                       | 707       | NN 250 X 900 mm conveyor           | Ok, pulley lagging done.                                                                                     |
| 7                                                       | 708       | NN 250 X1050 mm conveyor           | Ok, 130 mtrs belt replaced.                                                                                  |

|    |      |                                     |                                                                   |
|----|------|-------------------------------------|-------------------------------------------------------------------|
| 8  | 709  | NN 250 X1050 mm conveyor            | Ok, Gear box motor replaced.                                      |
| 9  | 712  | NN 250 X1050 mm conveyor            | Ok                                                                |
| 10 | 712A | NN 250 X1050 mm conveyor            | Ok                                                                |
| 11 | 713  | NN 250 X1050 mm conveyor            | Ok                                                                |
| 12 | 715  | NN 250 X 900 mm Conveyor            | Item kept out of circuit.                                         |
| 13 | 900  | Flap Gate                           | Ok                                                                |
| 14 | 901  | NN 250 X 1200 mm Belt conv.         | Ok, receiving chute repaired.                                     |
| 15 | 904  | NN 250 X 1200 mm Belt Conv.         | Ok, belt running under observation. 200 mtrs belt to be replaced. |
| 16 | 905  | NN 250 X 1350 mm (Shuttle Conv.)    | Ok, Gear box replaced.                                            |
| 17 | 906  | R&P Gates A, B & C (3 Nos.)         | Ok,                                                               |
| 18 | 907  | Vib. Feeder A, B & C (3 Nos.)       | 3 nos. Ok, all 3 lines – Base liners replaced.                    |
| 19 | 908  | Ter. Cone Crusher A, B & C (3 Nos.) | 3 nos. Ok, B line – Lock post issue resolved.                     |
| 20 | 909  | EOT Crane                           | Ok                                                                |
| 21 | 910  | NN 250 X 1050 mm Belt Conv          | Ok                                                                |
| 22 | 911  | Ter Vib Screen A, B & C (3 nos.)    | Ok, Side plate repaired                                           |
| 23 | 912  | NN 250 X 1050 mm Belt Conv          | Ok, receiving chute and discharge chute repaired.                 |
| 24 | 914  | NN 250 X 1050 mm Belt Conv          | Ok                                                                |
| 25 | 916  | NN 250 X 900 mm Belt Conv           | Ok                                                                |
| 26 | 918  | NN 250 X 900 mm Belt Conv           | Ok                                                                |
| 27 | 918A | NN 250 X 900 mm Belt Conv           | Ok                                                                |
| 28 | 920  | NN 250 X 1050 mm Belt Conv          | Ok                                                                |
| 29 | 921  | Vib Screen                          | Ok                                                                |
| 30 | 921A | NN 250 X 1200 mm Belt Conv          | Ok, receiving chute liners replaced.                              |

|                                                                            |           |                                  |                                                                                                                            |
|----------------------------------------------------------------------------|-----------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 31                                                                         | 922       | NN 250 X 1050 mm Belt Conv       | Ok, 77 mtrs. belt replaced.                                                                                                |
| 32                                                                         | 926       | Vib. Screen                      | Ok, air blasters installed.                                                                                                |
| 33                                                                         | 927       | NN 250 X 900 mm Belt Conv        | Ok, belt re-joint done.                                                                                                    |
| 34                                                                         | 315 N2    | ST1000 X 1400 mm Belt Conveyor   | Ok                                                                                                                         |
| 35                                                                         | BC3B      | Belt conveyor                    | Ok                                                                                                                         |
| <b><u>Loading Plant (Mechanical)</u></b>                                   |           |                                  |                                                                                                                            |
| 1                                                                          | 402 A & B | NN 250 X 1050 mm conveyor        | Ok, A – line: cleaning under progress.<br>B line – ok                                                                      |
| 2                                                                          | 403       | NN 250 X 1200 mm Conveyor        | Ok                                                                                                                         |
| 3                                                                          | 404       | NN 250 X 1200 mm Conveyor        | Ok, belt re-joint done and structural strengthening to be done.                                                            |
| 4                                                                          | 405       | Tripper                          | Ok, Tripper to be replaced. Condition is critical. Shut down is planned in July.                                           |
| 5                                                                          | 406       | Vib. Feeder                      | 5 nos. Ok, F Line not running, Gear box to be replaced.<br>Gear box not available.<br>E line – Cardin Shaft to be repaired |
| 6                                                                          | 407       | NN 150 X 1050 mm Conveyor        | 6 nos. Ok, A– line: Drive Chain to be replaced.                                                                            |
| 7                                                                          | 408       | NN 150 X 1050 mm Radial Conveyor | 6 nos. Ok, C line – 28 mtrs belt to be replaced. D& E line – belt to be replaced.                                          |
| 8                                                                          | 409       | Hydraulic Dumper                 | 5 no. Ok, Swing chute assembly fitted in C line<br>F line not in operation due swing chute & 407 drive chain               |
| 9                                                                          | 614       | ST 2000 X 1200 mm Belt Conveyor  | Ok, Gear box under re-conditioning at CWS, Bacheli.<br>Gear box with motor drive pulley to be replaced.                    |
| 10                                                                         | 615       | NN 250 X 1200 mm F.O.S.          | Ok, New gear box installed.                                                                                                |
| 11                                                                         | 616       | NN 250 X 1200 mm Reclaimer       | Ok, luffing cylinders changed.                                                                                             |
| 12                                                                         | 617       | NN 250 X 1200 mm Belt Conveyor   | Ok                                                                                                                         |
| Both tunnel Hopper gate condition partial damaged: Overhauling to be done. |           |                                  |                                                                                                                            |

3. CGM (Prod.) reviewed the requirement of spares as under:

**3.1 Urgent Material/Spares required:**

- a) The list of plant material/spares required urgently is placed at Annexure-II & III and procurement of the same needs to be expedited.

CGM (Prod.) noted that non-availability of liners (Manganese & rubber), rollers, welding electrode, is hampering maintenance activities. Further, hardware items like, Nut, bolts (HT & MS) and washers needs to be procured timely to avoid interruption in maintenance activities.

**Action: GM (Matls.)**

**4. Other Points discussed:**

a) CGM (Prod.) directed for taking action on the following issues at the earliest:

- Housekeeping works need to be improved.
- PLC upgradation status of all areas to be submitted on monthly basis.
- Compliance to observations of DMS reports in regard to Structural painting.

**Action: All Concerned**

b) CGM (Prod.) reviewed the status of civil works as attached at annexure-IV. CGM (Prod.) desired for continuous monitoring of civil works and completion of above works at the earliest.

**Action: DGM (Civil)**

**The meeting ended with vote of thanks to the chair.**

  
15/07/2023.  
**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. SO (T) to CGM - for kind information of CGM

HIGHLIGHTS ACHIEVED (TILL 29<sup>TH</sup> JUNE) (IN LT)

| Particulars      | Achieved | Previous Best |
|------------------|----------|---------------|
| <u>Month</u>     |          |               |
| ROM Prod.        | 10.66    | 10.57 (14-15) |
| LCF Prod.        | 11.42    | 10.80 (22-23) |
| LCF Desp.        | 12.39    | 11.28 (21-22) |
| <u>Quarter-1</u> |          |               |
| ROM Prod.        | 34.44    | 32.88 (22-23) |
| LCF Prod.        | 37.35    | 35.68 (22-23) |
| LCF Desp.        | 38.94    | 38.76 (21-22) |
| ROM-11C          | 15.83    | 14.91 (11-12) |
| ROM-11B          | 12.28    | 10.03 (20-21) |
| SP-I             | 18.71    | 17.88 (22-23) |
| SP-II            | 15.51    | 14.49 (19-20) |

**I. Mechanical Items****Annexure-II**

| S.No | Item Code             | Description                                                       | Qty        | User Indent                          | Indent/ PO details                                                                              | Remarks                                                                          |
|------|-----------------------|-------------------------------------------------------------------|------------|--------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| 1    |                       | Vibrating feeders for SP-2 and LP                                 |            | PR. No. 1400003210 dated 18.07.2022  | Enquiry to issued                                                                               |                                                                                  |
| 2    |                       | 103B apron feeder                                                 |            | PR. No. 1400003420 dated 16.08.2022. | Enquiry to issued                                                                               |                                                                                  |
| 3    |                       | Bowl and Mantle liners for Secondary cone crusher CP-11B          |            | PR. No. 1000001308 dated 18.11.2022  | Technical evaluation done.                                                                      |                                                                                  |
| 1    |                       | Manganese Liners                                                  | Indent Qty | PR No. 1000000530 dated 10.10.2021   | Order Placed on M/s Shri Balaji, M/s Satguru Castings and M/s SASCO Steels                      | Drawing approval Given. PDI from M/s SASCO steels received.                      |
| 2    |                       | Special Chrome casted liners                                      |            | PR. No.1000001275 dated: 14.11.2022  | Ordered on M/s Lakshmi Metals                                                                   | Expected to be received by June end. Preferred sizes given.                      |
| 3    |                       | Ripple flow panels                                                |            | PR No. 1000001376 dated 16.01.2023   | STOCK NIL                                                                                       | Ordered on M/s Ashar Locker, Part Qty. received. Remaining qty is also required. |
| 4    | 2200001140            | Plasma Cutting Machine                                            | 1          | PR No. 1100000303 dated 2.08.2021    | PO. No. 2400004897 dated 1.08.2022 on M/s Luckey Enterprizes. Firm back out. Retendering stage. |                                                                                  |
| 5    |                       | Lower mantle for primary crusher and Mantle for Secondary crusher | Indent Qty | PR. No. 1000000699 dated 25.02.2022  | Retendering stage                                                                               |                                                                                  |
| 7    | 10D510014 & 10D510214 | 200 KW & 100 KW gear boxes for BC 202/ 204                        | 1 No each  | UI/214 dated 7.12.2019               | Order placed on M/s Tirupati 2000000286 dated 6.03.2021                                         | Re Tendering Evaluation done.                                                    |

| S.No | Item Code  | Description                                  | Qty   | User Indent                         | Indent/ PO details                                                                                                    | Remarks                                                                                                          |
|------|------------|----------------------------------------------|-------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| 9    | 1600088866 | Gear box for BC 312A                         | 1 No. | 1400001690 dated 24.11.2021         | Order Placed on M/s Entellcad: 2400004561<br>Date : 27.06.2022. Drawing approval Given.                               | PDI call given. Expected by July-2023                                                                            |
| 10   |            | HT bolts                                     |       | PR. 1400002745 dated:13.06.2022     | HT bolts are retendering. Technical Evaluation done.                                                                  |                                                                                                                  |
| 11   |            | Apron feeder Spares for CP-11C & CP-14       |       | PR No. 1400002574 dated 19.05.2022  | Link Chain for 103B has been ordered on M/s SR. Engineers W.r.t PO. NO. GEMC-511687766848775 dated 24.02.2023         | Remaining items are also required at the earliest. Drawing approval given.                                       |
| 12   |            | Spares for Tripper 405                       |       | 1400002813 dated                    | Enquiry to be issued, offers for bearings, thruster brakes and Couplings opened. Technical evaluation under progress. | Drawing of Pulleys are received. Under examination. Remaining items are also required for necessary replacement. |
| 14   | 1700005112 | Backing compound / Araldite kit              |       | PR. 1000001313 dtd. 03.11.2022      | Ordered on M/s Excel enterprises                                                                                      | 1st lot expected by July 1st week.                                                                               |
| 15   |            | Screen duty bearings & apron feeder bearings |       | Pr. No. 1000001409 dated 07.03.2023 | STOCK NIL                                                                                                             | Enquiry Stage                                                                                                    |
| 16   |            | Conveyor Pulley bearings                     |       | Pr. No. 1400003716 dated 10.10.2022 | Ordered on M/s Artech Bearings in June-2023                                                                           |                                                                                                                  |
| 17   |            | Lubrication Pumps for Crushers               |       | 1400003760 dated 15.10.2022         | Retendering stage                                                                                                     |                                                                                                                  |
| 18   |            | Vibrating feeder and screen spares           |       | PR No. 1000001297 dated 28.11.2022  | Tendering stage                                                                                                       |                                                                                                                  |
| 19   |            | Double drive pulley for BC 203               |       | PR. No. 1400002355 dated 02.04.2022 | Ordered on M/s Kali BMH                                                                                               | PDI Done Schedule for dispatch                                                                                   |

**II. Electrical Items****Annexure-III**

| S.No | Item Code | Description                                              | Qty        | User Indent/PO details                                                                                                                                                                                                                                               | Remarks                                                                                 | Status as on 02.05.2023                                                                                         |
|------|-----------|----------------------------------------------------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| 1    | 10F       | Procurement of LED luminaries.(repeat Order)             | indent Qty | GEMC-511687713960436-15012023.<br>GEMC-511687727324182-15012023<br>GEMC-511687744778247-15012023<br>GEMC-511687745832213-15012023<br>GEMC-511687759395774-15012023<br>GEMC-51168777595494-15012023<br>GEMC-511687792543078-15012023<br>GEMC-511687799280616-15012023 | M/s VALIANT ELECTRICALS PVT LTD., & Kabir Engineering solution LEDURE LIGHTINGS LIMITED | PO Order Placed is placed                                                                                       |
| 2    | 10F       | Supply, installation & commissioning of CCTV at CP/DH-14 | Indent Qty | PR No.1100000350 dated 27.08.2021                                                                                                                                                                                                                                    | M/s KALYANI STRATEGIC MANAGEMENT SERVICES LIMITED                                       | Material received at site on 15.02.2023.Installtion on dated 06.07.2023. expected date of Completion 30.09.2023 |

| S.No | Item Code | Description                                                                                                                       | Qty        | User Indent/PO details                            | Remarks                                           | Status as on 02.05.2023                                                                                                                          |
|------|-----------|-----------------------------------------------------------------------------------------------------------------------------------|------------|---------------------------------------------------|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 3    | 10F       | Supply, installation & commissioning of CCTV at CP/DH-11B                                                                         | Indent Qty | PR No.1100000234 dated 02.07.2021                 | M/s KALYANI STRATEGIC MANAGEMENT SERVICES LIMITED | Material received at site :-<br>03/01/2023<br>Work started on 17/4/2023<br>Tentative completion date -<br>31/7/2023                              |
| 4    | 10F       | Supply, installation of new heavy duty electronic pit-less type 100 Tonnes Road Weigh Bridges with digital load cells at Mvsiding | 1          | PR No.1100000517 ,Dated 28.11.2021.               | M/s Electron weigh instruments,Bilaspur           | Due date of delivery<br>03.10.2023                                                                                                               |
| 5    | 10 F      | Procurement of 24 nos. 65 inch LED TV for OCSL Plant (for CCTV )                                                                  | 24 nos.    | PR 1100001065,dated 06.10.2022                    |                                                   | Proposal will be re-tender.                                                                                                                      |
| 6    | 10 F      | Procurement of 13 nos. of 20 Meter High Mast Polygonal Shape Fixed type Lighting Tower                                            | 13 nos.    | 1100001066;dated 06.10.2022                       |                                                   | Bid opened : 12 nos of offer received. Technical suitability is done and file is sent to MM dept. on dated 18.06.2023.                           |
| 7    | 10 F      | Procurement of tool bag                                                                                                           | 150        | GEM BID no<br>GEM/2023/B/3329432 dated 09.04.2023 |                                                   | PO issued to M/s Pahal International,Jalandhar,Punjab GEM-51681152286127 dated 06.06.2023. Due date:- 21.06.2023.matertial reached on 04.07.2023 |

| S.No | Item Code | Description                                                           | Qty     | User Indent/PO details                              | Remarks                                  | Status as on 02.05.2023                                                                                                                  |
|------|-----------|-----------------------------------------------------------------------|---------|-----------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 8    | 10 F      | Procurement of permanent magnet for different conveyors of OCSL Plant | 16 nos. | PR NO 1100001287 dated 07.04.2023                   |                                          | 3 Offers Received. Technical evaluation under process.                                                                                   |
| 9    | 10 F      | Procurement of Exhaust Fan and Pedestal Fan                           | 02 Nos. | GeM Contract: GEMC-511687713336092 dated 14.06.2022 |                                          | 02 nos of items: Exhaust Fan and Pedestal Fan not received at our stores/site till date. Proposal of remaining item shall be retendered. |
| 10   | 11 F      | ANNUAL INDENT FOR OCSL PLANTS MOTOR BEARINGS                          |         | 1400002512 date 13.05.2022                          |                                          | Gem BID opened. Technical evaluation done and file sent MM dept. on dated 26.06.2023.                                                    |
| 11   | 12 F      | procurement of Critical LT motors for OCSL Plant Electrical           |         | 1400000676 dated 07.05.2021                         | PO placed on M/s Mayor sales & service   | PO issued and motor GA Drawing approved and sent on 28.04.2023. Material ready to dispatch.                                              |
| 12   | 13 F      | PROCUREMENT OF DIFFERENT TYPES OF LADDERS                             |         | GEMC-511687765524930 dated 13.12.2022               | M/s Bansidhar & Co. gujarat (9099963044) | One item is damaged an will replaced by the firm.                                                                                        |
| 13   | 14 F      | Annual Indent of Power and control cables for OCSL Plant              |         | 1000000501 dated 01.10.2021                         |                                          | Technical evaluation is done and file sent to MM dept. on 20.06.2023.                                                                    |

| S.No | Item Code | Description                                                                                                                          | Qty     | User Indent/PO details                               | Remarks             | Status as on 02.05.2023                                                                    |
|------|-----------|--------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------------|
| 14   | 10 F      | Requirement of 16 Nos. split ACs for new office building, conference hall, control room of SP-I and new office rooms of Plant office | 24 nos. | PR 1100001035, dated 27.08.2022                      |                     | Price bid to be opened. TSC prepared under process.                                        |
| 15   | 10 F      | PROCUREMENT OF UPS FOR OCSL PLANT of UPS ( 07 nos)                                                                                   | 7 nos.  | PR 1100001165 dated 14.11.2022<br>GEM/2023/B/3417854 |                     | BID to be opened on 29.05.2023. 12 offers received. Technical evaluation is under process. |
| 16   | 10 F      | Procurement Of Industrial Lockers                                                                                                    | 36 nos. | Po no 2400007503 dated 03.03.2023                    | M/s V M Enterprises | Material not yet dispatched<br>Due date of delivery 30.08.2023.                            |

## Annexure-IV

**Status of Civil Work**

| Sl. No. | Description of the work                                                                                                                                                                                      | Present Status                                                                                                                              | Expected Date of Completion |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| 1       | Floor repair work of CP-11C. 109 roof repair work and renovation of office at CP-11C & canteen area                                                                                                          | work in progress. Renovation of office of CP-11C & canteen area estimate is under preparation.                                              |                             |
| 2       | Flooring work T-3 and BC 127 tail part area to be done to prevent damage of panels due to rainy-water (flooring work to be done). Power cable to be relocated in coordination with plant & Civil Department. | Flooring at T3 will be taken up after relocation of existing power cable.                                                                   |                             |
| 3       | Construction of TH-03 store.                                                                                                                                                                                 | Amount considered in AMR budget. Awaiting Budget approval. The work will be taken up after filling the designated area by plant department. |                             |
| 4       | Replacement of old GI sheets of plant and conveyor conveying area to be done as sheets have been corroded badly.                                                                                             | (i)proposals for TCP & Loading plant areas works awarded.(ii) Proposals for SP-I, SP-II & D/H-14 are tendering stage.                       |                             |
| 5       | All motor room and conveyor gallery missing sheets to be fitted at DH 11C                                                                                                                                    | Proposal has been sent to project for re-tendering as per new DOP. Fresh estimate is under preparation.                                     |                             |
| 6       | Construction of wall near T3 entrance as existing wall fell down.                                                                                                                                            | work completed.                                                                                                                             |                             |
| 7       | Construction of motor house for storage of all spare motor HT motor/LT motor in single location (near Chemical Lab.)                                                                                         | Proposal is under Price bid negotiation.                                                                                                    |                             |
| 8       | Flooring work of BC131 & BC 127 tail part area.                                                                                                                                                              | work will be completed within a month                                                                                                       |                             |
| 9       | T-4 Vulcanising point RCC wall & flooring                                                                                                                                                                    | work in progress                                                                                                                            |                             |
| 10      | Construction of T-3 area Sore                                                                                                                                                                                | work is to be take up departmentally.                                                                                                       |                             |
| 11      | Cracks water leakage from roof area of 402 A/B tunnel area                                                                                                                                                   | After removal of material over top of slab rectification will be done.                                                                      |                             |
| 12      | Increase Retaining wall height of BC124 & 126 winch Machine back side                                                                                                                                        | After removal of spill over material sheet/ structure will be modified.                                                                     |                             |