



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

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

Dated: 27.06.2023

**Minutes of Plant Review Meeting held on 02.06.2023**

Plant Review meeting during the month was held on 02.06.2023 at plant office conference hall. The following were present during the meeting:

| S/Shri |                                              |
|--------|----------------------------------------------|
| 1.     | S B Singh GM (Prod.)                         |
| 2.     | R Raja Kumar GM (Plant)                      |
| 3.     | S K Kochar GM (Min.)/Mines Manager           |
| 4.     | H K Ghunabat DGM (Elec.), OCSL Plant (Elec.) |
| 5.     | Jagram Barwey DGM (Mech.), CP-14             |
| 6.     | M S Baba AGM (Mech.), DH-11C                 |
| 7.     | Abhinash Swain AGM (Mech.), Planning/CBM     |
| 8.     | S K Panda AGM (Mech.), DH-11C (Mech.)        |
| 9.     | MAE Prasad AGM (MP), SP-I                    |
| 10.    | H K Tirkey AGM (Mech.), CP-11C (Mech.)       |
| 11.    | D Rajesh AGM (Elec.), SP-I                   |
| 12.    | Naveen Das AGM (Mech.), SP-II (Mech.)        |
| 13.    | B L Sao AGM (Elec.), SP-II                   |
| 14.    | P Ratnagiri SM (Elec.), CP/DH-11C            |
| 15.    | Umesh Vishvakarma SM (Elec.), CP/DH-11B      |
| 16.    | Niraj Bhatia SM (Elec.), CP/DH-14            |
| 17.    | G N Dohare Manager (Civil)                   |
| 18.    | Rajesh Kumar Mgr. (IE)                       |
| 19.    | Jaka Madhu Mgr. (Elec.), Planning            |
| 20.    | Naveen Runku AM (Matls.)                     |

Following points were discussed in the meeting:

**1. Production and Despatch:**

At the outset, GM (Prod.) congratulated all the HODs/Section in-charges in the meeting for surpassing ever highest ROM Prod, Total Excavation & LCF Prod during the May'23. The production and despatches during the month and year upto 01<sup>st</sup> Jun'23 was reviewed as under:

(Fig. In LT)



| Parameter   | Jun'23 (upto 01 <sup>st</sup> ) |      |      | 2023-24 (upto 01 <sup>st</sup> Jun'23) |       |      |
|-------------|---------------------------------|------|------|----------------------------------------|-------|------|
|             | Trgt.                           | Act. | Ach% | Trgt.                                  | Act.  | Ach% |
| ROM Prod.   | 0.38                            | 0.51 | 133% | 26.28                                  | 24.30 | 92%  |
| Waste       | 0.10                            | 0.08 | 84%  | 6.50                                   | 6.50  | 100% |
| T.E.        | 0.48                            | 0.60 | 123% | 32.78                                  | 30.79 | 94%  |
| L+C+F Prod. | 0.48                            | 0.45 | 94%  | 32.53                                  | 26.38 | 81%  |
| L+C+F Desp. | 0.41                            | 0.35 | 84%  | 32.46                                  | 26.90 | 83%  |

GM (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:

GM (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 shut down of 102 Primary Crusher. Shut down planned in <b>June'23</b> along with BC203 belt replacement                                                                |
| 2                                             | 102     | Pri. Crusher               | <b>OK</b>                                                                                                                                                                                                                          |
| 3                                             | 103     | Apron Feeder               | Ok, Driven wheel sprocket damaged, running under observation and needs to be replaced. The item has been ordered on <b>M/s SN Engineering, Howrah.</b>                                                                             |
| 4                                             | 104     | NN200 X 1500 mm Belt Conv. | <b>Rejoint To be done in June-2023</b>                                                                                                                                                                                             |
| 5                                             | 107     | Scalping Screen            | Ok, Kobe Screen worn out panels have been replaced. Spare screen kept ready.                                                                                                                                                       |
| 6                                             | 108     | Sec. Crusher               | Ok, bottom shell & hub liner worn out, to be replaced during shut down.                                                                                                                                                            |
| 7                                             | 109     | NN250 X 1200 mm Belt Conv. | Ok, Gear box oil leakage, oil seal to be replaced <b>during shutdown in June-2023</b>                                                                                                                                              |
| 8                                             | 110     | NN250 X 1200 mm Belt Conv. | Ok                                                                                                                                                                                                                                 |
| 9                                             | 111     | NN250 X 1200 mm Belt Conv. | Ok                                                                                                                                                                                                                                 |
| 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. Bull gear running with re-built teeth (5 nos.) and needs to be replaced.<br>B line: Gear and pinion worn out and needs to be |



|                                      |         |                             |                                                                                                                                                                                                                                                                                                                                      |
|--------------------------------------|---------|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                      |         |                             | replaced.<br><b>Bull gear, gear &amp; pinion are ordered on M/s SR Engineers</b>                                                                                                                                                                                                                                                     |
| 2                                    | 102 A&B | Pri. Gyratory Crusher       | 2 nos. Ok, 102B – Worn out mantle replaced.<br>A line – Ok, Mantle liners worn out, to be replaced.<br>Mantle rim liner, Arm shield mantle liners, bottom shell concave liners not available. <b>Mantles are in Enquiry Stage. For Arm shield indent is under progress.</b>                                                          |
| 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), drive and driven sprocket worn out, to be replaced. Segment gear not available.<br>B-line: Link chain damaged, needs to be replaced. Link chain not available. Order placed & drawing approval given. |
| 4                                    | 104 A   | NN200 X 1500 mm Belt Conv.  | Ok                                                                                                                                                                                                                                                                                                                                   |
| 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: Set of spare panels required for newly installed screen from M/s ICE. Panels needs to be replacement. The IC panels received at site.                                                                                                                                                        |
| 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 to be replaced.<br>B line – ore box liners to be replaced.                                                                                                                                                                                                                                        |
| 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, Worn out pinion & bull gear replaced. 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, damaged garland roller and carrier frame have been replaced. 180 mtrs. Belt to be replaced.                                                                                                                                                                                                                                      |
| 4                                    | 1107    | Scalping Screen             | Ok, TRF screen panels partially worn out. Side clamps being manufactured. Panels and Centre clamps received.                                                                                                                                                                                                                         |
| 5                                    | 1108    | Sec. Crusher                | Ok, Spare mantle, bowl liners, epoxy compound not                                                                                                                                                                                                                                                                                    |



|                                         |                      |                                         |                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------|----------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                         |                      |                                         | available. <b>Spare Mantle and Bowl liners are in TSC Stage. Epoxy/ Backing compound have been ordered on M/s Excel Enterprises.</b>                                                                                                                                                                                                             |
| 6                                       | 1109                 | NN200 X 1500 mm Belt conv.              | Ok                                                                                                                                                                                                                                                                                                                                               |
| 7                                       | 1110                 | NN200 X 1500 mm Tripper conv.           | Ok                                                                                                                                                                                                                                                                                                                                               |
| 8                                       | 1111                 | Tripper                                 | Ok, discharge chute liners replaced.                                                                                                                                                                                                                                                                                                             |
| 9                                       | 1115 (A-F) (6 Nos.)  | Apron Feeder                            | Ok                                                                                                                                                                                                                                                                                                                                               |
| 10                                      | 1116                 | NN250 X 1200 mm Belt conv               | Ok, Garland rollers and 275 mtrs. belt replaced.                                                                                                                                                                                                                                                                                                 |
| 11                                      | 1117                 | ST5000 X 1200 mm single flight DH conv. | Ok, 620 mtrs belt replaced.<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.<br>Diverting gate, sloping chute liners worn out. Liners not available. <b>PDI call received from M/s Sasco Steels</b> |
| 12                                      | 1120                 | NN250 X 1200 mm Belt conv.              | Ok, 168 mtrs belt (worn out) replaced.                                                                                                                                                                                                                                                                                                           |
| <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. <b>Indent under progress for New Exciter.</b> Hopper overhauling to be done subject to shut down availability.                                                                                                       |
| 2                                       | 202                  | ST 1600 X 1200 mm Belt Conveyor         | Ok                                                                                                                                                                                                                                                                                                                                               |
| 3                                       | 203                  | ST 5000 X 1200 mm Belt Conveyor         | Ok, Belt running in patched condition with T2 patching. GB no.:2 have been replaced and GB no.:03 is in transit. Belt replacement to be taken up during shut down for chute & Hopper overhauling                                                                                                                                                 |
| 4                                       | 204                  | ST 1600 X 1200 mm Belt Conveyor         | Ok, Abnormal sound from Gear box, running under observation.<br>The Gear box procurement has been re-tendered. Price bids to be opened.                                                                                                                                                                                                          |
| 5                                       | 205                  | NN 250X 1200 mm Radial Conveyor         | Ok,                                                                                                                                                                                                                                                                                                                                              |
| <b><u>Downhill-11C (Mechanical)</u></b> |                      |                                         |                                                                                                                                                                                                                                                                                                                                                  |
| 1                                       | 122 (A - F) (6 Nos.) | Apron Feeder                            | 06 nos. Ok,<br>122 A & B line: Hopper maintenance work <b>D &amp; E work is under progress</b>                                                                                                                                                                                                                                                   |



|    |     |                                 |                                                                                                                                                                                                              |
|----|-----|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2  | 123 | NN 250 X 1200 mm Belt Conveyor  | Ok, 192 mtrs. Belt to be replaced (Life achieved), running in good condition. Belt replacement planned in May/Jun'23.<br>Fencing to be re-positioned and widening of approach as restricting dozer movement. |
| 3  | 124 | ST 2800 X 1050mm Belt Conveyor  | <b>Ok, 160 mtrs</b> belt to be replaced. Belt replacement to be done after <b>June'23</b> .                                                                                                                  |
| 4  | 125 | ST1600 X 1050 mm Belt Conveyor  | Ok, 525 mtrs belt to be replaced. Belt available .                                                                                                                                                           |
| 5  | 126 | ST 2800 X 1050 mm Belt Conveyor | Ok, Motor-1 Gearbox out coupling & input shaft bearing to be replaced. Work to be taken up during shut down of other item                                                                                    |
| 6  | 127 | ST 1600 X 1050 mm Belt Conveyor | Ok                                                                                                                                                                                                           |
| 7  | 128 | ST 1600 X 1050 Belt Conv.       | Ok                                                                                                                                                                                                           |
| 8  | 131 | NN 250 X 1050 mm Belt Conv.     | Ok                                                                                                                                                                                                           |
| 9  | 132 | Tripper                         | Ok                                                                                                                                                                                                           |
| 10 | 133 | NN 250 X 1050 mm Belt Conveyor  | Ok, New gearbox fitted.                                                                                                                                                                                      |

#### **Screening Plant-I (Mechanical)**

|    |           |                                     |                                                                                                                                                             |
|----|-----------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | 301       | Vib Feeder (8 Nos.)                 | 8 nos. Ok                                                                                                                                                   |
| 2  | 302       | NN 250 X 1200mm Conv. (4 Nos.)      | 4 nos. Ok, D - 70 mtrs belt replaced and 3 pulley lagging done.                                                                                             |
| 3  | 304       | Primary Vibrating Screen (4 Nos.)   | 4 nos. Ok                                                                                                                                                   |
| 4  | 305       | Secondary Vibrating Screen (4 Nos.) | 4 nos. Ok                                                                                                                                                   |
| 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 worn out. Coupling is available for replacement.<br><b>210 mtrs belt replaced</b> and 210 mtrs belt to be replaced. |
| 10 | 312 A     | Conveyor                            | Ok, 34 mtrs belt to be replaced.                                                                                                                            |



|    |             |                              |    |
|----|-------------|------------------------------|----|
| 11 | 314         | NN 250 X 900<br>mm Conveyor  | Ok |
| 12 | 315         | NN 250 X 900<br>mm Conveyor  | Ok |
| 13 | 315N1       | NN 250 X 900<br>mm Conveyor  | Ok |
| 14 | 316         | NN 250 X 900<br>mm Conveyor  | Ok |
| 15 | 317A<br>& B | NN 250 X 900<br>mm Conveyor  | Ok |
| 16 | 318         | NN 250 X 1050<br>mm Conveyor | Ok |
| 17 | 923         | NN 250 X 900<br>mm Belt Conv | Ok |
| 18 | 925         | NN 250 X 900<br>mm Belt Conv | Ok |

**Screening Plant-II & TCP (Mechanical)**

|    |      |                                          |                                                                                                       |
|----|------|------------------------------------------|-------------------------------------------------------------------------------------------------------|
| 1  | 701  | Vib. Feeder<br>(18 Nos.)                 | 16 nos.<br>B/d: A2 – Exciter replacement work under progress<br>B/d: A3 – Feeder body is in progress. |
| 2  | 702  | NN 250 X 1050<br>mm Conveyor<br>(6 Nos.) | 6 nos.                                                                                                |
| 3  | 704  | Primary Vib.<br>Screen (5 Nos.)          | 4 nos. Ok, A line – Saddle repair work.                                                               |
| 4  | 705  | NN 250 X 1050<br>mm Conveyor             | Ok                                                                                                    |
| 5  | 706  | Sec. Vib Screen<br>(5 Nos.)              | 5 nos. Ok, A line – Screen repair work is in progress.                                                |
| 6  | 707  | NN 250 X 900<br>mm conveyor              | Ok                                                                                                    |
| 7  | 708  | NN 250 X1050<br>mm conveyor              | Ok, 130 mtrs belt to be replaced.                                                                     |
| 8  | 709  | NN 250 X1050<br>mm conveyor              | Ok, 135 mtrs belt replaced.                                                                           |
| 9  | 712  | NN 250 X1050<br>mm conveyor              | Ok                                                                                                    |
| 10 | 712A | NN 250 X1050<br>mm conveyor              | Ok                                                                                                    |
| 11 | 713  | NN 250 X1050<br>mm conveyor              | Ok                                                                                                    |
| 12 | 715  | NN 250 X 900<br>mm Conveyor              | Item kept out of circuit.                                                                             |
| 13 | 900  | Flap Gate                                | Ok                                                                                                    |



|                                                                               |           |                                           |                                                        |
|-------------------------------------------------------------------------------|-----------|-------------------------------------------|--------------------------------------------------------|
| 14                                                                            | 901       | NN 250 X 1200<br>mm Belt conv.            | Ok                                                     |
| 15                                                                            | 904       | NN 250 X 1200<br>mm Belt Conv.            | Ok, belt running under observation.                    |
| 16                                                                            | 905       | NN 250 X 1350<br>mm (Shuttle<br>Conv.)    | Ok, 20 mtrs belt replaced.                             |
| 17                                                                            | 906       | R&P Gates A,<br>B & C (3 Nos.)            | Ok, B line: bunker liners <b>replacement completed</b> |
| 18                                                                            | 907       | Vib. Feeder A,<br>B & C (3 Nos.)          | 3 nos. Ok                                              |
| 19                                                                            | 908       | Ter. Cone<br>Crusher A, B &<br>C (3 Nos.) | 3 nos. Ok                                              |
| 20                                                                            | 909       | EOT Crane                                 | Ok                                                     |
| 21                                                                            | 910       | NN 250 X 1050<br>mm Belt Conv             | Ok                                                     |
| 22                                                                            | 911       | Ter Vib Screen<br>A, B & C (3 nos.)       | Ok                                                     |
| 23                                                                            | 912       | NN 250 X 1050<br>mm Belt Conv             | Ok                                                     |
| 24                                                                            | 914       | NN 250 X 1050<br>mm Belt Conv             | Ok                                                     |
| 25                                                                            | 916       | NN 250 X 900<br>mm Belt Conv              | Ok                                                     |
| 26                                                                            | 918       | NN 250 X 900<br>mm Belt Conv              | Ok                                                     |
| 27                                                                            | 918A      | NN 250 X 900<br>mm Belt Conv              | Ok                                                     |
| 28                                                                            | 920       | NN 250 X 1050<br>mm Belt Conv             | Ok                                                     |
| 29                                                                            | 921       | Vib Screen                                | Ok                                                     |
| 30                                                                            | 921A      | NN 250 X 1200<br>mm Belt Conv             | Ok, Head pulley replacement replaced.                  |
| 31                                                                            | 922       | NN 250 X 1050<br>mm Belt Conv             | Ok, 77 mtrs. belt to be replaced.                      |
| 32                                                                            | 926       | Vib. Screen                               | Ok                                                     |
| 33                                                                            | 927       | NN 250 X 900<br>mm Belt Conv              | Ok, bend pulley-2 replacement to be done.              |
| 34                                                                            | 315<br>N2 | ST1000 X 1400<br>mm Belt<br>Conveyor      | Ok                                                     |
| 35                                                                            | BC3B      | Belt conveyor                             | Ok, 30 mtrs belt replaced.                             |
| Total 35 nos. pulley lagging work done at different location at SP-II/TCP/N2. |           |                                           |                                                        |



| <b>Loading Plant (Mechanical)</b>                                          |           |                                  |                                                                                                              |
|----------------------------------------------------------------------------|-----------|----------------------------------|--------------------------------------------------------------------------------------------------------------|
| 1                                                                          | 402 A & B | NN 250 X 1050 mm conveyor        | Ok, A – line: cleaning under progress. 400 mtrs belt replaced.<br>B line – Cleaning completed.               |
| 2                                                                          | 403       | NN 250 X 1200 mm Conveyor        | Ok, 160 mtrs belt replaced.                                                                                  |
| 3                                                                          | 404       | NN 250 X 1200 mm Conveyor        | Ok, structural strengthening to be done.                                                                     |
| 4                                                                          | 405       | Tripper                          | Ok, Tripper to be replaced.                                                                                  |
| 5                                                                          | 406       | Vib. Feeder                      | 5 nos. Ok, F Line not running, Gear box to be replaced.<br>Gear box not available.                           |
| 6                                                                          | 407       | NN 150 X 1050 mm Conveyor        | 6 nos. Ok, A– line: Chain pulley to be replaced.                                                             |
| 7                                                                          | 408       | NN 150 X 1050 mm Radial Conveyor | 6 nos. Ok                                                                                                    |
| 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, 420 mtrs. replaced. Gear box under re-conditioning at CWS, Bachel.                                       |
| 10                                                                         | 615       | NN 250 X 1200 mm F.O.S.          | Ok                                                                                                           |
| 11                                                                         | 616       | NN 250 X 1200 mm Reclaimer       | Ok, filters to be replaced in Hydraulic system.                                                              |
| 12                                                                         | 617       | NN 250 X 1200 mm Belt Conveyor   | Ok                                                                                                           |
| Both tunnel Hopper gate condition partial damaged: Overhauling to be done. |           |                                  |                                                                                                              |

3. GM (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-I & II and procurement of the same needs to be expedited.

GM (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: DGM (Matls.)**

**4. Other Points discussed:**

- a) GM (Prod.) directed for taking action on the following issues at the earliest:
- Housekeeping works need to be improved.



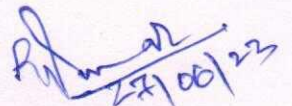
- Identification of critical areas to be done for installation of Air blasters/Arco liners in Screening Plant/TCP & CP/DH-11B Surge bin etc. to reduce material jamming.
- PLC upgradation status of all areas to be submitted on monthly basis.
- Compliance to observation of DMS reports in regard to Structural painting.
- Tarpaulin covering work of PSP/SSP to be completed before Jun'23 end.
- Submission of consolidated list of Fasteners requirement for FY2023-24 by concerned Section In-charge for their respective plant area.
- Installation of PA system & CCTV as per MoU, the work is in progress at very slow pace. The services being provided are not satisfactory and can lead to delay. The same needs to be expedited.

**Action: All Concerned**

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

**Action: SM (Civil)**

**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







**Urgent requirement of Spares at OCSL Plant (Mechanical)**

| S.No | Item Code             | Description                                                       | Qty        | User Indent                         | Remarks                                                                                                                                  | Expected Delivery date                                             |
|------|-----------------------|-------------------------------------------------------------------|------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| 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                                                               |                                                                    |
| 2    | 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.                                                              | MM dept follow up under progress with M/s ESAB (OEM)               |
| 3    |                       | Lower mantle for primary crusher and Mantle for Secondary crusher | Indent Qty | PR. No. 1000000699 dated 25.02.2022 | Retendering stage                                                                                                                        |                                                                    |
| 4    | 10D873915             | Gear box for BC203                                                | 3          | UI/113, 2.09.2020                   | PDI for First gear box completed. Dispatch under progress.                                                                               | One No. Gear box received. PDI for all three gear boxes completed. |
| 5    | 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 200000286 dated 6.03.2021                                                                                   | Re Tendering under progress.                                       |
| 6    | 2200001647            | Air blaster system                                                | 3 Sets     | 1100000793 dated 16.05.2022         | Ordered on M/s Dr Airboost                                                                                                               | PDI waiver given. Dispatched                                       |
| 7    | 16000024283           | Gear box KBH 280 for BC 615                                       | 1No        | PR. No. 1400002247 dated 14.03.2022 | Ordered on M/s Entell cad                                                                                                                | Manufacturing under progress. Expected by April-2023               |
| 8    | 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.                                                  |                                                                    |
| 9    |                       | Couplings bolts and HT bolts                                      |            | PR. 1400002745 dated: 13.06.2022    | Coupling bolts ordered on M/s International Rubber & Plastic w.r.t. 2400006300 dated 22.11.2022 . HT bolts is scheduled for retendering. |                                                                    |
| 10   | 1600024240            | Revolving Frame wheels for loading plant                          |            | PR. No. 1400002458 dated 9.05.2022  | Ordered on M/s SR Engineers.                                                                                                             | PDI Call Given                                                     |



| S.No | Item Code  | Description                                  | Qty | User Indent                         | Remarks                                                                                                               | Expected Delivery date                                                                                           |
|------|------------|----------------------------------------------|-----|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| 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. |
| 13   | 1700004633 | V type return rollers for 1200mm belt width  |     | PR. No. 1000001049 dated 10.07.2022 | PO.No. 2400006821 dated 8.01.2023                                                                                     | Ordered on MM/s Kalpataru , PDI waiver given                                                                     |
| 14   |            | V belts C-120 & C 130                        |     | ARS Items                           | STOCK NIL                                                                                                             | Required urgently for Screening Plants. Committee purchase under progress.                                       |
| 15   |            | MS & HT bolts ( M20x65, M16x65, M12x50) etc. |     | ARS Items                           | STOCK NIL                                                                                                             | Required for various section of OCSL Plant                                                                       |



| Urgent requirement of Spares at OCSL Plant (Electrical) |           |                                                                                                                                   |                       |                                                                                                                                                                                                                                                                     |                                                                                                                                        |                                 | Annexure-II                                                                                         |
|---------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------|
| S.No                                                    | Item Code | Description                                                                                                                       | Urgently Required Qty | Pending Order/Purchase indent                                                                                                                                                                                                                                       | Firms / status                                                                                                                         | Expected Delivery               | Present status                                                                                      |
| 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-51168775935774-15012023<br>GEMC-51168777595494-15012023<br>GEMC-511687792543078-15012023<br>GEMC-511687799280616-15012023 | M/s VALIANT ELECTRICALS PVT LTD.<br>Kabir Engineering solution<br>LEDURE LIGHTINGS LIMITED<br>Shree Nursing Timber And Electric Stores |                                 | File is under vetting at Finance for placing the repeat order PO on 27.05.2023.                     |
| 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.Installation not yet started.                               |
| 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 :- 03/01/2023<br>Work started on 17/4/2023<br>Tentative completion date - |
| 4                                                       | 10F       | Supply, installation & commissioning of CCTV at CP/DH-11C                                                                         | Indent Qty            | PR No.1100000283 dated 02.08.2021                                                                                                                                                                                                                                   | PO issued to M/s Surware Technologies with due date of delivery on 23.06.2023. Material reached at Store on 28.04.2023                 |                                 | Material received at site. Installation work is completed                                           |
| 5                                                       | 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 03.10.2023 |                                                                                                     |
| 6                                                       | 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.                                                                         |



| S.No | Item Code | Description                                                                                                                          | Urgently Required Qty | Pending Order/Purchase Indent                       | Firms / status                           | Expected Delivery               | Present status                                                                                                                           |
|------|-----------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------|------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 7    | 10 F      | Procurement of 13 nos. of 20 Meter High Mast Polygonal Shape Fixed type Lighting Tower                                               | 13 nos.               | 11000001066, 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.                   |
| 8    | 10 F      | Procurement of tool bag                                                                                                              | 150                   | GEM BID no GEM/2023/B/3329432 dated 09.04.2023      |                                          |                                 | PO issued to M/s Panal International, Jalandhar, Punjab GEM-51681152286127 dated 06.06.2023. Due date:-21.06.2023                        |
| 9    | 10 F      | Procurement of permanent magnet for different conveyors of OCSL Plant                                                                | 16 nos.               | PR NO 11000001287 dated 07.04.2023                  |                                          |                                 | 3 Offers Received . Technical evaluation is under process.                                                                               |
| 10   | 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. |
| 11   | 11 F      | ANNUAL INDENT FOR OCSL PLANTS MOTOR BEARINGS                                                                                         |                       | 1400002512 date 13.05.2022                          |                                          |                                 | Gem BID opened. Technical evaluation is process.                                                                                         |
| 12   | 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.                                                                          |
| 13   | 13 F      | PROCUREMENT OF DIFFERENT TYPES OF LADDERS                                                                                            |                       | GEMC-511687765524930 dated 13.12.2022               | M/s Bansidhar & Co. gujarat (9099963044) | Due date of delivery 13.03.2023 | Material received at store (19.05.2023). One item is damaged an will replaced by the firm.                                               |
| 14   | 14 F      | Annual Indent of Power and control cables for OCSL Plant                                                                             |                       | 1000000501 dated 01.10.2021                         |                                          |                                 | Technical evaluation is done and file sent on 20.06.2023.                                                                                |
| 15   | 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.                                                                                      |
| 16   |           | PROCUREMENT OF UPS FOR OCSL PLANT of UPS ( 07 nos)                                                                                   | 7 nos.                | PR 1100001165 dated 14.11.2022 GEM/2023/B/3417854   |                                          |                                 | BID to be opened on 29.05.2023. 12 offers received. Technical evaluation is under process.                                               |



**Status of Civil Work**

| Sl. No. | Description of the work                                                                                                                                                                                      | Present Status                                                                                                                |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 1       | Floor repair work of CP-11C. 109 roof repair work and renovation of office at CP-11C & canteen area                                                                                                          | work awarded for floor repair work. 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.                                                                    |
| 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-11C & 14 are tendering stage. |
| 5       | 203 transfer point (Near SP-III construction area) approach road to be constructed for shifting of resources at site (DH-14).                                                                                | completed                                                                                                                     |
| 6       | Approach road from BC 133 head part to main road & BC127 head part to be cemented                                                                                                                            | completed                                                                                                                     |
| 7       | All motor room and conveyor gallery missing sheets to be fitted at DH 11C                                                                                                                                    | Proposal is under techno commercial TSC completed. Price bid to be opened.                                                    |
| 8       | Construction of wall near T3 entrance as existing wall fell down.                                                                                                                                            | work in progress                                                                                                              |
| 9       | Construction of motor house for storage of all spare motor HT motor/LT motor in single location (near Chemical Lab.)                                                                                         | Proposal is under Techno commercial TSC stage.                                                                                |
| 10      | Flooring work of BC131 & BC 127 tail part area.                                                                                                                                                              | Completed.                                                                                                                    |
| 11      | Approach road to be made for maintenance of BC1117 for easy inspection.                                                                                                                                      | Completed.                                                                                                                    |
| 12      | 310 MCC room gate to be provide near stairs.                                                                                                                                                                 | Completed                                                                                                                     |
| 13      | T-4 Vulcanising point RCC wall & flooring                                                                                                                                                                    | work to be takenup in 1st week of May'23                                                                                      |
| 14      | Construction of T-3 area Sore                                                                                                                                                                                | work is to be takeup departmentally.                                                                                          |
| 15      | Cracks water leakage from roof area of 402 A/B tunnel area                                                                                                                                                   |                                                                                                                               |
| 16      | Increase Retaining wall height of BC124 & 126 winch Machine back side                                                                                                                                        |                                                                                                                               |
| 17      | construction of sand bag bund at SSP-1 to avoid material spillage                                                                                                                                            | work completed                                                                                                                |