

**Procurement forecast**

| Details                           | Subsystems  | FY 2020                 |                         |                         |                         | FY 2021                 |                         |                         |                         | FY 2022<br>(in INR Cr) | FY 2023<br>onwards<br>(in INR Cr) | Remarks |
|-----------------------------------|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-----------------------------------|---------|
|                                   |   | Apr. - Jun. (in INR Cr) | Jul. - Sep. (in INR Cr) | Oct. - Dec. (in INR Cr) | Jan. - Mar. (in INR Cr) | Apr. - Jun. (in INR Cr) | Jul. - Sep. (in INR Cr) | Oct. - Dec. (in INR Cr) | Jan. - Mar. (in INR Cr) |                        |                                   |         |
| System                            | <b>Rolling Stock</b>  | 56.10                   | 32.35                   | 38.25                   | 67.64                   | 31.77                   | 30.77                   | 34.62                   | 36.54                   | 38.46                  | 0.00                              |         |
|                                   | <b>Traction</b>   | 3.80                    | 16.88                   | 10.67                   | 15.81                   | 20.59                   | 19.61                   | 7.69                    | 2.70                    | 55.65                  | 0.00                              |         |
|                                   | <b>Lifts</b>  | 0.00                    | 0.15                    | 0.18                    | 0.85                    | 1.35                    | 1.57                    | 0.96                    | 1.92                    | 4.81                   | 4.81                              |         |
|                                   | <b>Escalators</b>   | 0.00                    | 0.15                    | 0.65                    | 1.58                    | 5.77                    | 5.38                    | 5.77                    | 7.69                    | 15.38                  | 16.77                             |         |
|                                   | <b>UG-E&amp;M,ECS,TVS work.</b>   | 0.00                    | 0.00                    | 8.46                    | 8.46                    | 8.46                    | 11.54                   | 29.81                   | 16.92                   | 38.46                  | 25.38                             |         |
| Signalling and Telecommunication  | <b>Signalling</b>   | 0.00                    | 0.00                    | 11.30                   | 43.00                   | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 75.00                  | 0.00                              |         |
|                                   | <b>Telecom</b>  | 0.30                    | 12.50                   | 8.00                    | 7.50                    | 10.00                   | 10.00                   | 10.00                   | 5.00                    | 14.00                  | 0.00                              |         |
|                                   | <b>Automatic Fare Collection</b>  | 0.00                    | 20.00                   | 17.00                   | 2.60                    | 5.00                    | 5.00                    | 5.00                    | 2.00                    | 0.50                   | 0.00                              |         |
| Mechanical (Plant & Machineries)  | <b>Platform Screen Door</b>   | 0.75                    | 16.50                   | 21.10                   | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 1.25                    | 7.00                   | 0.00                              |         |
|                                   | <b>Under Floor Wheel Lathe with Electric Shunter</b>                        | 2.2                     | 2                       | 0.07                    | 0.07                    | 0.07                    | 0.07                    | 0.07                    | 0.07                    | 0.11                   |                                   |         |
|                                   | <b>Pit Jacks and Mobile Lifting Jacks</b>                                   | 1.6                     | 2.03                    | 0.11                    | 0.11                    | 0.11                    | 0.11                    | 0.11                    | 0.11                    | 0.29                   |                                   |         |
|                                   | <b>Electric Bogie Tractor</b>   | 1.21                    | 0.05                    | 0.02                    | 0.02                    | 0.02                    | 0.02                    | 0.02                    | 0.02                    | 0.02                   |                                   |         |
|                                   | <b>RRV with Re- Railing Rescue Equipments</b>                               | 2.33                    |                         | 0.10                    | 0.10                    | 0.10                    | 0.10                    | 0.10                    | 0.10                    | 0.10                   |                                   |         |
|                                   | <b>Battery powered Electric Locomotive</b>                                  | 4.6                     | 1.32                    | 1.28                    | 1.44                    | 0.03                    | 0.03                    | 0.03                    | 0.03                    | 0.10                   |                                   |         |
|                                   | <b>Bogie Turn Table</b>   | 1.26                    | 0.87                    | 0.08                    |                         |                         |                         |                         |                         |                        |                                   |         |
|                                   | <b>Train Wash Plant</b>   |                         |                         |                         |                         |                         | 2.40                    |                         | 1.00                    | 0.04                   | 0.08                              |         |
|                                   | <b>Rail fed Bogie wash plant</b>  |                         |                         |                         |                         | 0.2                     |                         |                         |                         |                        |                                   |         |
|                                   | <b>Bogie test stand (Bogie Static Load Testing Machine)</b>                 |                         |                         |                         |                         |                         |                         | 16.8                    |                         |                        |                                   |         |
|                                   | <b>Work lift platform</b>   | 1.46                    |                         |                         |                         |                         |                         |                         |                         |                        |                                   |         |
|                                   | <b>Chemical cleaning tanks, ultrasonic cleaning tanks, etc</b>              |                         |                         |                         |                         | 0.1                     |                         |                         |                         |                        |                                   |         |
|                                   | <b>Compressor for Inspection shed &amp; shop air supply</b>                 | 1                       |                         |                         |                         |                         |                         |                         |                         |                        |                                   |         |
|                                   | <b>EOT Creane</b>   | 6.5                     |                         |                         |                         |                         |                         |                         |                         |                        |                                   |         |
|                                   | <b>Mobile Jib Crane</b>   |                         |                         |                         |                         | 0.38                    |                         |                         |                         |                        |                                   |         |
|                                   | <b>Mobile lifting table</b>   | 0.24                    |                         |                         |                         |                         |                         |                         |                         |                        |                                   |         |
|                                   | <b>Carbody stands</b>   |                         |                         | 0.2                     |                         |                         |                         |                         |                         |                        |                                   |         |
|                                   | <b>Underframe &amp; Bogie blowing plant &amp; smallparts/equipment</b>      |                         |                         |                         |                         | 8.8                     |                         |                         |                         |                        |                                   |         |
|                                   | <b>AC filter cleaning machine</b>   |                         |                         |                         |                         | 0.51                    |                         |                         |                         |                        |                                   |         |
|                                   | <b>Portable cleaning plant for rolling stock</b>                            |                         |                         |                         |                         | 0.05                    |                         |                         |                         |                        |                                   |         |
|                                   | <b>High-pressure washing pump for front and rear end cleaning of car</b>    |                         |                         |                         |                         | 0.44                    |                         |                         |                         |                        |                                   |         |
|                                   | <b>Industrial furniture (Work Test Benches)</b>                             |                         |                         |                         |                         | 0.1                     |                         |                         |                         |                        |                                   |         |
|                                   | <b>Minor diagnostic equipment and collective tools</b>                      |                         |                         |                         |                         | 0.1                     |                         |                         |                         |                        |                                   |         |
|                                   | <b>Induction heater</b>   |                         |                         |                         |                         |                         | 0.06                    |                         |                         |                        |                                   |         |
|                                   | <b>Oven for the motors</b>  |                         |                         |                         |                         |                         | 0.1                     |                         |                         |                        |                                   |         |
|                                   | <b>EMU battery charger</b>  |                         |                         |                         |                         |                         | 0.16                    |                         |                         |                        |                                   |         |
|                                   | <b>Welding equipments (Mobile welding, oxyacetylene, fixed arc welding)</b> |                         |                         |                         |                         |                         | 0.06                    |                         |                         |                        |                                   |         |
|                                   | <b>Electric and pneumatic tools</b>   |                         |                         |                         |                         |                         | 0.1                     |                         |                         |                        |                                   |         |
|                                   | <b>Measuring and testing equipment</b>                                      |                         |                         |                         |                         |                         |                         |                         |                         |                        |                                   |         |
|                                   | <b>Tool Kits</b>  |                         |                         |                         |                         |                         |                         |                         |                         |                        |                                   |         |
|                                   | <b>Mobile safety steps</b>  |                         |                         |                         |                         |                         | 0.1                     |                         |                         |                        |                                   |         |
|                                   | <b>Fork lift tractor</b>  |                         |                         |                         |                         |                         | 0.8                     |                         |                         |                        |                                   |         |
|                                   | <b>Pallet trucks</b>  |                         |                         |                         |                         |                         | 0.02                    |                         |                         |                        |                                   |         |
|                                   | <b>Road vehicles (pickup van/ truck)</b>                                    |                         |                         |                         |                         |                         | 0.3                     |                         |                         |                        |                                   |         |
|                                   | <b>Miscellaneous office equipments</b>                                      |                         |                         |                         |                         |                         | 0.1                     |                         |                         |                        |                                   |         |
|                                   | <b>Vertical Boring Mainline for wheel discs</b>                             |                         |                         |                         |                         |                         | 2.77                    |                         |                         |                        |                                   |         |
|                                   | <b>Press for removal and pressing of the wheel on axles</b>                 |                         |                         |                         |                         |                         | 3.6                     |                         |                         |                        |                                   |         |
|                                   | <b>Special jigs and fixtures and test benches for Rolling stock</b>         |                         |                         | 0.2                     |                         |                         |                         |                         |                         |                        |                                   |         |
|                                   | <b>Stackers (1T for DCOS)</b>   |                         |                         | 1.3                     |                         |                         |                         |                         |                         |                        |                                   |         |
|                                   | <b>Storage Racks (W/shop &amp; DCOS stores)</b>                             |                         |                         |                         |                         |                         |                         |                         |                         |                        |                                   |         |
|                                   | <b>Test benches</b>   |                         |                         |                         |                         |                         |                         |                         |                         |                        |                                   |         |
|                                   | <b>Auto collector Strip Thickness meter</b>                                 |                         |                         |                         |                         |                         |                         |                         |                         |                        |                                   |         |
|                                   | <b>Vehicle mounted Crane</b>  |                         |                         |                         |                         |                         | 0.8                     |                         |                         |                        |                                   |         |
|                                   | <b>Impulse Tester for TMs</b>   |                         |                         |                         |                         |                         | 0.2                     |                         |                         |                        |                                   |         |
|                                   | <b>Bearing puller</b>   |                         |                         |                         |                         |                         |                         |                         |                         |                        |                                   |         |
|                                   | <b>Traction motor Cleaning booth</b>  |                         |                         |                         |                         |                         | 0.06                    |                         |                         |                        |                                   |         |
|                                   | <b>Dummy Bogies</b>   |                         |                         |                         |                         |                         | 3.84                    |                         |                         |                        |                                   |         |
|                                   | <b>Axle Shaft Inspection Station</b>  |                         |                         |                         |                         |                         | 0.8                     |                         |                         |                        |                                   |         |
|                                   | <b>DG Set 630 KVA</b>   |                         |                         |                         |                         |                         | 0                       |                         |                         |                        |                                   |         |
|                                   | <b>Vertical carousel storage system</b>                                     |                         |                         |                         |                         |                         | 0.64                    |                         |                         |                        |                                   |         |
| <b>Computer MMIS for the shed</b> |   |                         |                         |                         |                         | 0.6                     |                         |                         |                         |                        |                                   |         |
| <b>Storage system and racks</b>   |   |                         |                         |                         |                         | 1.6                     |                         |                         |                         |                        |                                   |         |
| <b>Driving Cab Simulator</b>      |   |                         |                         |                         |                         |                         |                         |                         | 15.5                    |                        |                                   |         |