

Government of Orissa  
Works Department

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File No.-FA-Codes-7/10- 13291 W, Dated. 30.9.10  
From Er. S. K. Ray,  
EIC-cum- Secretary to Govt.

To  
EIC (Civil), Orissa/  
EIC, Water resources, Orissa/  
FA-cum-Joint Secy. to Govt., R.D. Deptt./  
FA-cum-Addl. Secy. to Govt., Water Resources Deptt./  
FA-cum-Addl. Secy. to Govt., H. &U.D. Deptt./  
Chief Engineer, DPI & Roads, Orissa/  
Chief Engineer, Buildings, Orissa/  
Chief Engineer, National Highways, Orissa/  
Chief Engineer, World Bank Project, Orissa/  
Chief Architect, Orissa/  
Chief Engineer, Water Resources, Orissa/  
Chief Engineer, R.W.-I, Orissa/  
Chief Engineer, R.W.-II, Orissa/  
Chief Engineer, P.H. (Urban), Orissa/  
Chief Engineer, Electricity, Orissa/  
FA-cum-Joint Secy. to Govt., Energy Deptt./  
Special Officer-cum-Joint Secy. to Govt., Fin. Deptt.

**Sub: - Preparation of new Schedule of Rates – 2010.**

Sir,

In inviting a reference to the subject cited above, I am directed to say that Government have been pleased to approve **Schedule of Rates-2010**, enclosed herewith which will come into force with effect from the date of issue. This Schedule of Rates- 2010 will also be available in the web-site of State Government.

2. To arrive at the rate for the finished item of works, the guidelines as laid down in Analysis of Rates -2006 will be followed.

3. The Finance Department have concurred this Schedule of Rates -2010 vide their U.O.R. No.284-WF-I, dt.13.09.2010.

Yours faithfully,

Encl:-As above.

  
30/9/10  
EIC-cum- Secretary to Govt.

Memo No. 13292 W, Dated. 30.9.10  
Copy with copy of the enclosure forwarded to P. S. to Hon'ble Chief Minister, Orissa/ P. S. to Hon'ble Minister, Finance, Orissa for information and necessary action.

P. K. Pat  
30.9.2010

Memo No. 13293 FA - cum- Addl. Secretary to Government  
W, Dated. 30.9.10  
Copy with copy of the enclosure forwarded to OSD to Chief Secretary, Orissa/ P.S. to Development Commissioner- cum-Additional Chief Secretary, Orissa/ P.S. to Principal Secretary to Chief Minister, Orissa for information and necessary action.

P. K. Pat  
30.9.2010

Memo No. 13294 FA - cum- Addl. Secretary to Government  
W, Dated. 30.9.10  
Copy with copy of the enclosure forwarded to Finance Department/ Department of Water Resources/ Housing & Urban Development Department/ Rural Development Department/ Panchayati Raj Department/ all other Departments/ Managing Director, OB & CC Ltd./ Managing Director, OCC Ltd for information and necessary action.

P. K. Pat  
30.9.2010

Memo No. 13295 FA - cum- Addl. Secretary to Government  
W, Dated. 30.9.10  
Copy with copy of the enclosure forwarded to the Accountant General (A&E), Orissa, Bhubaneswar/ Senior D.A.G. (Works Audit & Projects), Orissa, Puri for information and necessary action.

P. K. Pat  
30.9.2010

Memo No. 13296 FA - cum- Addl. Secretary to Government  
W, Dated. 30.9.10  
Copy forwarded to Chief Engineer, RD & QP (R&B), Orissa and Chairman, Rate Board for information and necessary action.

P. K. Pat  
30.9.2010

Memo No. 13297 FA - cum- Addl. Secretary to Government  
W, Dated. 30.9.10  
Copy forwarded to Superintending Engineer (P&D), O/o the EIC (Civil), Orissa and Member Convener, Rate Board for information and necessary action.

He is requested to pursue the matter of display of Schedule of Rates – 2010 in the web-site of State Govt. & publication in next issue of Orissa Gazette with the Head, State Portal Group, IT Center, Ground Floor, North Annexe of Secretariat and the Director, Printing, Stationery & Publication, Orissa, Cuttack respectively.

P. K. Pat  
30.9.2010

FA - cum- Addl. Secretary to Government

Memo No. 13298 W, Dated. 30.9.10

Copy with copy of the softcopy of Schedule of Rates-2010 forwarded to the Head, State Portal Group, IT Centre, Ground Floor, North Annex of Secretariat for information and necessary action.

He is requested to display Schedule of Rates -2010 in the web-site of State Government.

*P. K. Pat*  
30.9.2010

FA - cum- Addl. Secretary to Government

Memo No. 13299 W, Dated. 30.9.10

Copy with copy of the softcopy of Schedule of Rates-2010 forwarded to the Director, Printing, Stationery & Publication, Orissa, Cuttack for information and necessary action.

He is requested to publish Schedule of Rates -2010 in the next issue of Orissa Gazette.

*P. K. Pat*  
30.9.2010

FA - cum- Addl. Secretary to Government

Memo No. 13300 W, Dated. 30.9.10

Copy with copy of the enclosure forwarded to all Superintending Engineers/ Executive Engineers for information and necessary action.

*P. K. Pat*  
30.9.2010

FA - cum- Addl. Secretary to Government

Memo No. 13301 W, Dated. 30.9.10

Copy with copy of the enclosure forwarded to all Officers/ Sections/ P.S. to EIC-cum-Secretary to Govt., Works Department/ 20 (twenty) spare copies to Guard file for information and necessary action.

*P. K. Pat*  
30.9.2010

FA - cum- Addl. Secretary to Government



**GOVERNMENT OF ORISSA**

**BASIC RATE OF MATERIALS FOR  
RDC ZONES  
(CENTRAL, NORTHERN & SOUTHERN),  
RATE OF LABOUR, CONVEYANCE AND  
HIRE CHARGES OF PLANTS AND  
MACHINERIES  
FOR -2010**

**WORKS DEPARTMENT**

# C O N T E N T S

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## CHAPTER - I

### BASIC RATE OF MATERIALS FOR 2010 (CENTRAL ,NORTHERN AND SOUTHERN ZONES)

| Sl. No. | Name of items   | Unit     | Rate for Central Revenue Zone- 2008 | Rate for Northern Revenue Zone- 2008 | Rate for Southern Revenue Zone-2008 |
|---------|---|----------|-------------------------------------|--------------------------------------|-------------------------------------|
| 1       | 2   | 3        | 4                                   | 5                                    | 6                                   |
| 1       | Well burnt clamp burnt bricks (25 Cm. x 12Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm2 with dimensional tolerance $\pm$ 8 percent. | 1000 Nos | 2600.00                             | 2400.00                              | 2450.00                             |
| 2       | Well burnt clamp burnt bricks (23 Cm. x 11Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm2 with dimensional tolerance $\pm$ 8 percent. | 1000 Nos | 2300.00                             | 2200.00                              | 2270.00                             |
| 3       | K.B. bricks (25 Cm x 12Cm x 8Cm) having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm$ 8 percent.                      | 1000 Nos | 3900.00                             | 3150.00                              | 3250.00                             |
| 4       | K.B. bricks (23 Cm. x 11Cm. x 8Cm.) having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm$ 8 percent.                   | 1000 Nos | 3350.00                             | 2900.00                              | 2850.00                             |
| 5       | Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm$ 2 %               | 1000 Nos | 2050.00                             | 1912.00                              | 1848.00                             |
| 6       | Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm$ 2 %               | 1000 Nos | 1700.00                             | 1613.00                              | 1595.00                             |
| 7       | Fly ash blocks of 30 Cm. x 20 Cm. x 15 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm$ 2 %              | Each     | 10.00                               | 12.00                                | 10.00                               |
| 8       | Cement concrete solid Block machine mixed and Hydraulic compressed having crushing strength not less than 75kg/cm2                                  |          |                                     |                                      |                                     |
| a.      | 400mm x 200mm x 200mm size  | Each     | 22.00                               | 23.00                                | 21.00                               |
| b.      | 400mm x 150mm x 200mm size  | Each     | 18.00                               | 18.00                                | 17.00                               |
| c.      | 400mm x 100mm x 150mm size  | Each     | 12.00                               | 13.00                                | 12.00                               |
| d.      | 300mm x 200mm x 150mm size  | Each     | 13.00                               | 15.00                                | 15.00                               |
| e.      | 300mm x 150mm x 150mm size  | Each     | 11.00                               | 12.00                                | 11.00                               |
| f.      | 300mm x 100mm x 150mm size  | Each     | 9.00                                | 9.00                                 | 9.00                                |
| 9       | Cement concrete Hollow Blocks machine mixed and Hydraulic compressed having crushing strength not less than 70kg/cm2                                |          |                                     |                                      |                                     |
| a.      | 400mm x 200mm x 200mm size  | Each     | 20.00                               | 20.00                                | 20.00                               |
| b.      | 400mm x 150mm x 200mm size  | Each     | 16.00                               | 16.00                                | 14.00                               |

|    |  |        |        |        |        |
|----|--|--------|--------|--------|--------|
| c. | 400mm x 100mm x 200mm size   | Each   | 11.00  | 11.00  | 12.00  |
| d. | 300mm x 200mm x 150mm size   | Each   | 11.00  | 11.00  | 12.00  |
| e. | 300mm x 150mm x 150mm size   | Each   | 10.00  | 11.00  | 10.00  |
| f. | 300mm x 100mm x 150mm size   | Each   | 8.00   | 9.00   | 8.00   |
| 10 | K.B. bricks Khoa 4 Cm.size   | 1 Cum  | 260.00 | 255.00 | 256.00 |
| 11 | Clamp burnt brick Khoa 4 cm. size.   | 1 Cum  | 220.00 | 207.00 | 205.00 |
| 12 | Surki of clamp burnt bricks.   | 1 Cum  | 330.00 | 335.00 | 350.00 |
| 13 | Surki of Kiln burnt bricks.  | 1 Cum  | 340.00 | 369.00 | 360.00 |
| 14 | Screen washed gravel for concrete (12mm. to 20mm.)   | 1 Cum  | 110.00 | 103.00 | 105.00 |
| 15 | Gravel or moorum   | 1 Cum  | 40.00  | 40.00  | 40.00  |
| 16 | Stone screened Dust passing through 2.36 mm sieve and retained on 0.075 mm sieve               | 1 Cum  | 70.00  | 70.00  | 80.00  |
| 17 | River single or Bajri (12mm. to 20mm.)   | 1 Cum  | 80.00  | 82.00  | 95.00  |
| 18 | Screened and washed sharp sand for mortar  | 1 Cum  | 42.00  | 44.00  | 48.00  |
| 19 | Sand for filling and road blinding   | 1 Cum  | 38.00  | 39.00  | 45.00  |
| 20 | Clay mortar for masonry work with admixture of sand.   | 1 Cum  | 41.00  | 44.00  | 41.00  |
| 21 | Stone lime unslaked.   | 1 Kg.  | 12.00  | 14.00  | 14.00  |
| 22 | Ghooting lime unslaked.  | 1 Kg.  | 16.00  | 18.00  | 18.00  |
| 23 | Shell lime unslaked.   | 1 Kg.  | 14.00  | 16.00  | 16.00  |
| 24 | a) Granite broken stone of size not less than 0.0025 Cum. Stacked                              | 1 Cum. | 195.00 | 201.00 | 223.00 |
|    | b) Granite stone of size not less than 0.0025 Cum. picked up.                                  | 1 Cum. | 170.00 | 183.00 | 182.00 |
| 25 | Stone other than granite quarried, broken and stacked 0.0015 Cum to 0.003 Cum                  | 1 Cum. | 160.00 | 164.00 | 158.00 |
| 26 | Stone other than granite picked up and stacked 0.0015 Cum. to 0.003 Cum                        | 1 Cum. | 140.00 | 145.00 | 155.00 |
| 27 | Stone other than granite quarried, broken and stacked above 0.003 Cum                          | 1 Cum. | 150.00 | 152.00 | 154.00 |
| 28 | Stone other than granite picked up, broken and stacked above 0.003 Cum                         | 1 Cum. | 140.00 | 149.00 | 156.00 |
| 29 | Granite Stone broken metal 63mm. size Passing through 90mm. Sieve and retained on 53 mm sieve. |        |        |        |        |
|    | a) Crusher broken.   | 1 Cum. | 540.00 | 552.00 | 589.00 |
|    | b) Hand broken.  | 1 Cum. | 430.00 | 430.00 | 448.00 |
| 30 | Granite Stone broken metal 45mm. size (Passing through 53mm sieve & retained on 26.5mm sieve)  |        |        |        |        |
|    | a) Crusher broken.   | 1 Cum. | 560.00 | 570.00 | 618.00 |
|    | b) Hand broken.  | 1 Cum. | 432.00 | 442.00 | 469.00 |
| 31 | Granite Stone broken metal 40mm. size  |        |        |        |        |
|    | a) Crusher broken.   | 1 Cum. | 620.00 | 618.00 | 638.00 |
|    | b) Hand broken.  | 1 Cum. | 495.00 | 502.00 | 510.00 |

|     |   |        |        |        |        |
|-----|---|--------|--------|--------|--------|
| 32  | Granite Stone broken metal 26.5mm. size<br>(Passing through 45mm sieve & retained on 22.4mm sieve)  |        |        |        |        |
|     | a) Crusher broken.  | 1 Cum. | 660.00 | 636.00 | 678.00 |
|     | b) Hand broken.   | 1 Cum. | 500.00 | 506.00 | 519.00 |
| 33  | Granite Stone broken metal 25mm. size (Passing through 40mm sieve & retained on 20mm sieve)   |        |        |        |        |
|     | a) Crusher broken.  | 1 Cum. | 670.00 | 657.00 | 695.00 |
|     | b) Hand broken.   | 1 Cum. | 510.00 | 536.00 | 557.00 |
| 34  | Granite Stone broken metal 22.4mm. size<br>(Passing through 26.5mm sieve & retained on 11.2mm sieve)  |        |        |        |        |
|     | a) Crusher broken.  | 1 Cum. | 690.00 | 675.00 | 725.00 |
|     | b) Hand broken.   | 1 Cum. | 530.00 | 553.00 | 583.00 |
| 35  | Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) |        |        |        |        |
|     | a) Crusher broken.  | 1 Cum. | 880.00 | 901.00 | 908.00 |
|     | b) Hand broken.   | 1 Cum. | 685.00 | 743.00 | 735.00 |
| 36  | Granite Stone broken chips 13.2mm. Size<br>(Passing through 22.4mm sieve & retained on 11.2mm sieve)  |        |        |        |        |
|     | a) Crusher broken.  | 1 Cum. | 900.00 | 906.00 | 914.00 |
|     | b) Hand broken.   | 1 Cum. | 700.00 | 749.00 | 747.00 |
| 37  | Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) |        |        |        |        |
|     | a) Crusher broken.  | 1 Cum. | 910.00 | 924.00 | 938.00 |
|     | b) Hand broken.   | 1 Cum. | 710.00 | 758.00 | 759.00 |
| 38  | Granite Stone broken chips 11.2mm. size<br>(Passing through 13.2mm sieve & retained on 5.6mm sieve)   |        |        |        |        |
|     | a) Crusher broken.  | 1 Cum. | 920.00 | 948.00 | 986.00 |
|     | b) Hand broken.   | 1 Cum. | 730.00 | 765.00 | 772.00 |
| 39  | Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) |        |        |        |        |
|     | a) Crusher broken.  | 1 Cum. | 930.00 | 961.00 | 992.00 |
|     | b) Hand broken.   | 1 Cum. | 730.00 | 765.00 | 772.00 |
| (A) | Granite Stone broken chips 6.7mm size (Passing through 11.2mm sieve & retained on 2.8mm sieve)  | 1 Cum. | 625.00 | 642.00 | 644.00 |
| (B) | Granite Stone screening (Passing through 2.36mm sieve & retained on 180 micron sieve)   | 1 Cum. | 550.00 | 578.00 | 581.00 |
| 40  | Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.                                     | 1 Cum. | 560.00 | 588.00 | 597.00 |
| 41  | Stone other than granite broken to 5cm. size.   | 1 Cum. | 210.00 | 221.00 | 230.00 |



|    |   |        |          |          |          |
|----|---|--------|----------|----------|----------|
| 42 | Stone other than granite broken to 4 cm. size.  | 1 Cum. | 215.00   | 231.00   | 240.00   |
| 43 | Stone other than granite broken to 2 cm. size.  | 1 Cum. | 230.00   | 257.00   | 260.00   |
| 44 | Stone other than granite broken to 1cm. size.   | 1 Cum. | 240.00   | 264.00   | 280.00   |
| 45 | Stone boulder 15cm. & above size granite picked up and nullah boulders.                                   | 1 Cum. | 125.00   | 111.00   | 110.00   |
| 46 | Soiling stone boulder 15Cm. & above size picked up nullah boulders broken.                                | 1 Cum. | 130.00   | 126.00   | 130.00   |
| 47 | Stone boulder 15cm. & above size other than granite or laterite picked up and nullah boulders.            | 1 Cum. | 100.00   | 105.00   | 106.00   |
| 48 | Soiling stone boulder 15Cm. & above size other than granite or laterite picked up nullah boulders broken. | 1 Cum. | 110.00   | 113.00   | 118.00   |
| 49 | Soling stone boulders 10 Cm. size picked up other than granite.   | 1 Cum. | 100.00   | 104.00   | 108.00   |
| 50 | Hard broken soling stone other than granite (40mm. to 90mm.)  | 1 Cum. | 160.00   | 164.00   | 170.00   |
| 51 | I.R.C. Grade I (90mm-45 mm.)  | 1 Cum. | 520.00   | 510.00   | 530.00   |
| 52 | I.R.C. Grade II (63mm. to 45mm.)  | 1 Cum. | 580.00   | 562.00   | 588.00   |
| 53 | I.R.C. Grade III (53mm. to 22.4mm.)   | 1 Cum. | 620.00   | 609.00   | 636.00   |
| 54 | Laterite soling stone 23Cm. size  | 1 Cum. | 85.00    | 86.00    | 90.00    |
| 55 | Laterite Stone rough dressed  | 1 Cum. | 420.00   | 436.00   | 463.00   |
| 56 | Bamboo mat or talai.  | 1 Sqm. | 100.00   | 106.00   | 108.00   |
| 57 | Bamboo 1ST class 7Cm. to 10Cm. dia & above 6m. long.  | Each   | 110.00   | 118.00   | 125.00   |
| 58 | a) Belongi Bomboo 2.51 Cm. to 4Cm. dia & above 5m. long.  | Each   | 25.00    | 22.00    | 21.00    |
|    | b) Belongi Bomboo above 4Cm. dia & up to 7Cm. dia & above 5m. long.                                       | Each   | 33.00    | 32.00    | 32.00    |
| 59 | Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.  | 1Mtr   | 84.00    | 83.00    | 86.00    |
| 60 | Sal bullahs 150mm. to 200mm. mean dia up to 5.5m. long.   | 1Mtr   | 94.00    | 89.00    | 95.00    |
| 61 | Sal bullahs above 200mm. & up to 250mm. mean dia & up to 2.75m. long.                                     | 1Cum.  | 7280.00  | 7640.00  | 7500.00  |
| 62 | Sal bullahs above 200mm. & up to 250mm. mean dia above 2.75m. long & up to 4.75m. long.                   | 1Cum.  | 8200.00  | 8412.00  | 8650.00  |
| 63 | Sal bullahs above 200mm. & up to 250mm. mean dia above 4.75m. long  | 1Cum.  | 9400.00  | 9707.00  | 9950.00  |
| 64 | Sal bullahs above 250mm. & up to 380mm. mean dia & up to 2.75m. long                                      | 1Cum.  | 10550.00 | 10914.00 | 11060.00 |
| 65 | Sal bullahs above 250mm. & up to 380mm. mean dia & above 2.75m. long up to 4.75m. long                    | 1Cum.  | 13100.00 | 13412.00 | 13800.00 |
| 66 | Sal bullahs above 250mm. & up to 380mm. mean dia & above 4.75m. long.                                     | 1Cum.  | 14500.00 | 15168.00 | 15000.00 |
| 67 | Non-sal bullahs 75mm. mean dia of any length.   | 1Mtr.  | 40.00    | 40.00    | 42.00    |
| 68 | Non-sal bullahs 100mm. mean dia of any length.  | 1Mtr.  | 52.00    | 49.00    | 52.00    |
| 69 | Non-sal bullahs 125mm. mean dia of any length.  | 1Mtr.  | 60.00    | 62.00    | 65.00    |

|    |  |           |          |          |          |
|----|--|-----------|----------|----------|----------|
| 70 | Non-Sal bullahs 150mm. to 200mm. mean dia of any length.   | 1Mtr.     | 75.00    | 75.00    | 80.00    |
| 71 | Non-Sal bullahs above 200mm. & up to 250mm. mean dia up to 2.5m. long.   | 1Cum.     | 5200.00  | 5065.00  | 5112.00  |
| 72 | Non-Sal bullahs above 200mm. & up to 250mm. mean dia above 2.5m. long.   | 1Cum.     | 5750.00  | 5513.00  | 5561.00  |
| 73 | Seasoned rough dressed sawn Sal wood having minimum dimension 50mm. to 150mm. & up to 2.75m. long.                           | 1Cum.     | 27100.00 | 29820.00 | 27900.00 |
| 74 | Seasoned rough dressed sawn Sal wood having minimum dimension 50mm. to 150mm. & above 2.75m. long.                           | 1Cum.     | 30200.00 | 32658.00 | 29600.00 |
| 75 | Seasoned Sal wood beam of cross sectional area not less than 150Sq.cm. & least lateral dimension 100mm. & above 2,75m. long. | 1Cum.     | 30400.00 | 32493.00 | 30100.00 |
| 76 | Seasoned Sal wood planks not more than 75mm. thick & not less than 200mm. width.   | 1Cum.     | 27200.00 | 29685.00 | 27400.00 |
| 77 | Seasoned Piasal wood planks for shutters.  | 1Cum.     | 44200.00 | 46507.00 | 43400.00 |
| 78 | Seasoned Teak wood planks for shutters.  | 1Cum.     | 58000.00 | 64007.00 | 61300.00 |
| 79 | Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)  | 1Cum.     | 16800.00 | 16828.00 | 16600.00 |
| 80 | Non-Sal reapers.   | 1Cum.     | 10100.00 | 10719.00 | 11000.00 |
| 81 | Fire wood  | 1Qntl     | 350.00   | 378.00   | 398.00   |
| 82 | 1St class Raniganj or Mangalore pattern tiles.   | 100 Nos.  | 750.00   | 834.00   | 840.00   |
| 83 | Ridges of Raniganj or Mangalore parttern tiles.  | 100 Nos.  | 1200.00  | 1276.00  | 1328.00  |
| 84 | Flat tiles(14Cm. x14 Cm.x 1Cm. )   | 1000 Nos. | 240.00   | 274.00   | 260.00   |
| 85 | Flat tiles (15Cm x15Cmx 1.2 Cm )   | 1000 Nos. | 270.00   | 298.00   | 280.00   |
| 86 | Flat tiles (30Cm. x 15 Cm.x 2.5 Cm. )  | 1000 Nos. | 1090.00  | 1179.00  | 1170.00  |
| 87 | Flat tiles (30Cm. x 30 Cm.x 2.5 Cm. )  | 1000 Nos. | 1295.00  | 1383.00  | 1343.00  |
| 88 | Pan tiles  | 1000 Nos. | 260.00   | 277.00   | 277.00   |
| 89 | Nuria tiles(20Cm. to 25Cm.)  | 1000 Nos. | 570.00   | 628.00   | 630.00   |
| 90 | Nuria tiles(25Cm. to 30Cm.)  | 1000 Nos. | 680.00   | 756.00   | 759.00   |
| 91 | Ridge tiles  | 1000 Nos. | 785.00   | 862.00   | 865.00   |
| 92 | Marble Tiles of minimum 16 mm thick, dunguri Variety.  |           |          |          |          |
|    | (a) Up to 0.10 Sqm.  | 1 Sqm.    | 450.00   | 450.00   | 450.00   |
|    | (b) Above 0.10 Sqm. to 0.40 Sqm.   | 1 Sqm.    | 550.00   | 550.00   | 550.00   |
|    | ( c) Above 0.4 Sqm. to 1.00 Sqm.   | 1 Sqm.    | 620.00   | 620.00   | 620.00   |
| 93 | Kota Tiles of minimum 16 mm thick  |           |          |          |          |
|    | (a) Up to 0.10 Sqm.  | 1 Sqm.    | 333.00   | 333.00   | 333.00   |
|    | (b) Above 0.10 Sqm.  | 1 Sqm.    | 407.00   | 407.00   | 407.00   |

|     |  |         |         |         |         |
|-----|--|---------|---------|---------|---------|
| 94  | Khandolites (Up to 0.06 Sqm.)  | 1 Sqm.  | 261.00  | 261.00  | 261.00  |
| 95  | Granite Tiles  |         |         |         |         |
|     | (a) Up to 0.10 Sqm. (10mm thick)   | 1 Sqm.  | 970.00  | 970.00  | 970.00  |
|     | b) Above 0.10 Sqm  |         |         |         |         |
|     | (i) Above 0.10 Sqm & up to 0.4 sqm (10mm. thick)   | 1 Sqm.  | 1100.00 | 1100.00 | 1100.00 |
|     | ii) Above 0.40 sqm. (20mm thick)   | 1 Sqm.  | 1730.00 | 1730.00 | 1730.00 |
| 96  | Kodappa Tiles of 10 mm thick   |         |         |         |         |
|     | (a) Above 0.1 Sqm & Up to 0.40 Sqm.  | 1 Sqm.  | 250.00  | 250.00  | 250.00  |
|     | (b) Above 0.40 Sqm.  | 1 Sqm.  | 300.00  | 300.00  | 300.00  |
| 97  | Dholpuri Stone Tiles.  | 1 Sqm.  | 330.00  | 330.00  | 330.00  |
| 98  | Tiles up to-   |         |         |         |         |
|     | (a) 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753 | 1 Sqm.  | 320.00  | 320.00  | 320.00  |
|     | (b) 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755 | 1 Sqm.  | 355.00  | 355.00  | 355.00  |
|     | (c) Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 13756 of following sizes                                   | 1 Sqm.  |         |         |         |
|     | (I) Vitrified Tile 600mmx600mm Plain (Ivory)   | 1 Sqm.  | 550.00  | 550.00  | 550.00  |
|     | (II) Vitrified Tile 600mmx600mm Coloured / Printed series(Homogeneous)   | 1 Sqm.  | 600.00  | 600.00  | 600.00  |
|     | (d) Vitrified industrial floor Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm                          | 1 Sqm.  | 500.00  | 500.00  | 500.00  |
| 99  | Chequered Tiles.   | 1 Sqm.  | 180.00  | 180.00  | 180.00  |
| 100 | Terrazo Tiles.   |         |         |         |         |
|     | (a) With grey cement.  | 1 Sqm.  | 206.00  | 206.00  | 206.00  |
|     | (b) With white cement  | 1 Sqm.  | 244.00  | 244.00  | 244.00  |
| 101 | Red oxide Primer   | 1 Litre | 98.00   | 98.00   | 98.00   |
| 102 | Wood Primer  | 1 Litre | 110.00  | 110.00  | 110.00  |
| 103 | Wood Shine Paint   | 1 Litre | 120.00  | 120.00  | 120.00  |
| 104 | Plastic Emulsion paint   | 1 Litre | 188.00  | 188.00  | 188.00  |
| 105 | Enamel paint   | 1 Litre | 145.00  | 145.00  | 145.00  |
| 106 | Distemper  | 1 Kg.   | 50.00   | 50.00   | 50.00   |
| 107 | Cement paint   | 1 Kg.   | 35.00   | 35.00   | 35.00   |
| 108 | Red oxide powder   | 1 Kg.   | 88.00   | 88.00   | 88.00   |
| 109 | French polish  | 1 Litre | 130.00  | 130.00  | 130.00  |
| 110 | Varnish  | 1 Litre | 120.00  | 120.00  | 120.00  |
| 111 | Plaster of paris   | 1 Kg.   | 9.00    | 9.00    | 9.00    |
| 112 | Coal Tar   | 1 Kg.   | 34.00   | 34.00   | 34.00   |
| 113 | G.C.I. Sheet   |         |         |         |         |
|     | a) 0.30mm thick  | 1 Sqm.  | 215.00  | 215.00  | 215.00  |
|     | b) 0.40mm thick  | 1 Sqm.  | 220.00  | 220.00  | 220.00  |
| 114 | A.C. Sheet   | 1 Sqm.  | 151.00  | 151.00  | 151.00  |

|        |   |         |  |  |  |
|--------|---|---------|--|--|--|
| 115    | A.C. ridges   | 1 pair  | 142.00   | 142.00   | 142.00   |
| 116    | 6mm. Thick Plain A.C. Sheet   | 1 Sqm   | 188.00   | 188.00   | 188.00   |
| 117    | Tar Paper   | 1 Sqm   | 14.00  | 14.00  | 14.00  |
| 118    | Putty (Wood)  | 1 Kg.   | 22.00  | 22.00  | 22.00  |
| 119    | Putty (Iron)  | 1 Kg.   | 80.00  | 80.00  | 80.00  |
| 120    | Wire Nails  | 1 Kg.   | 45.00  | 45.00  | 45.00  |
| 121    | M.S. Angle  | 1 Qntl. | 4200.00  | 4200.00  | 4200.00  |
| 122    | M.S. Channel  | 1 Qntl. | 4200.00  | 4200.00  | 4200.00  |
| 123    | Bolt, Nut & Washers   | 1 Kg.   | 60.00  | 60.00  | 60.00  |
| 124    | Holding down bolts minimum 60 Cm. long with 15Cm. x 15 Cm. x 6mm. size washer plate | 1 Kg.   | 58.00  | 58.00  | 58.00  |
| 125    | Binding Wire.   | 1 Kg.   | 60.00  | 60.00  | 60.00  |
| 126    | Coir String   | 1 Kg.   | 35.00  | 35.00  | 35.00  |
| 127.a) | Empty Cement bags (HDPE) by lot & not shorted out                                   | 100 nos | 300.00   | 300.00   | 300.00   |
| b)     | Empty Cement gunny bags by lot & not shorted out                                    | 100 nos | 300.00   | 300.00   | 300.00   |
| c)     | Empty Bitumen Drum  | Each    | 100.00   | 100.00   | 100.00   |
| d)     | Empty Bitumen Emulsion Drum   | Each    | 200.00   | 200.00   | 200.00   |
| 128    | Straw in Bundle   | 100 nos | 222.00   | 222.00   | 222.00   |
| 129    | Marble Chips.   | 1qntl   | 469.00   | 469.00   | 469.00   |
| 130    | Marble Powder   | 1qntl   | 281.00   | 281.00   | 281.00   |
| 131    | Cement  |         |  |  |  |
| a)     | 33 Grade  | 1qntl   | Average factory price of three manufacturers of cement inside the State. | Average factory price of three manufacturers of cement inside the State. | Average factory price of three manufacturers of cement inside the State. |
| b)     | 43 Grade  |         |  |  |  |
| c)     | 53 Grade  |         |  |  |  |
| 132    | White Cement.   | 1qntl   | 1567.00  | 1567.00  | 1567.00  |
| 133    | Steel   |         |  |  |  |
|        | a) Mild Steel   | 1qntl   | Rate as fixed by SAIL  | Rate as fixed by SAIL  | Rate as fixed by SAIL  |
|        | b) HYSD (FE-415) /(FE500)   | 1qntl   |  |  |  |
| 134    | "Z" type Steel Sheet Piles .  | 1qntl   | 4500.00  | 4500.00  | 4500.00  |
| 135    | Bentonite powder  | 1qntl   | 223.00   | 223.00   | 223.00   |
|        | Oxidized mild steel fittings (I.S.I.)   |         |  |  |  |
| 136    | Butt hinges (I.S.I.)  |         |  |  |  |
| a)     | 50x37x1.50mm  | Each    | 5.00   | 5.00   | 5.00   |
| b)     | 75x47x0.70mm  | Each    | 7.00   | 7.00   | 7.00   |
| c)     | 100x58x1.90mm   | Each    | 11.00  | 11.00  | 11.00  |
| d)     | 125x65x2.12mm   | Each    | 17.00  | 17.00  | 17.00  |

|     |   |         |        |        |        |
|-----|---|---------|--------|--------|--------|
| 137 | M.S. aldrop (I.S.I.)                                      |         |        |        |        |
| a)  | 250x16mm  | Each    | 70.00  | 70.00  | 70.00  |
| b)  | 300x16mm  | Each    | 78.00  | 78.00  | 78.00  |
| 138 | M.S. handle (I.S.I.)                                      |         |        |        |        |
| a)  | 100mm   | Each    | 11.00  | 11.00  | 11.00  |
| b)  | 125mm   | Each    | 13.00  | 13.00  | 13.00  |
| c)  | 150mm   | Each    | 16.00  | 16.00  | 16.00  |
| 139 | M.S. tower bolt (I.S.I.)                                  |         |        |        |        |
| a)  | 100x10mm  | Each    | 14.00  | 14.00  | 14.00  |
| b)  | 150x10mm  | Each    | 20.00  | 20.00  | 20.00  |
| c)  | 200x10mm  | Each    | 26.00  | 26.00  | 26.00  |
| 140 | M/S. Screw (I.S.I.)                                       |         |        |        |        |
| a)  | 12x3mm  | 100 pcs | 23.00  | 23.00  | 23.00  |
| b)  | 12x4mm  | 100 pcs | 25.00  | 25.00  | 25.00  |
| c)  | 20x4mm  | 100 pcs | 29.00  | 29.00  | 29.00  |
| d)  | 20x5mm  | 100 pcs | 31.00  | 31.00  | 31.00  |
| e)  | 25x4mm  | 100 pcs | 33.00  | 33.00  | 33.00  |
| f)  | 25x5mm  | 100 pcs | 37.00  | 37.00  | 37.00  |
| g)  | 30x4mm  | 100 pcs | 38.00  | 38.00  | 38.00  |
| h)  | 30x5mm  | 100 pcs | 40.00  | 40.00  | 40.00  |
| i)  | 30x6mm  | 100 pcs | 43.00  | 43.00  | 43.00  |
| j)  | 35x6mm  | 100 pcs | 45.00  | 45.00  | 45.00  |
| k)  | 35x7mm  | 100 pcs | 48.00  | 48.00  | 48.00  |
| l)  | 35x8mm  | 100 pcs | 55.00  | 55.00  | 55.00  |
| m)  | 50x7mm  | 100 pcs | 60.00  | 60.00  | 60.00  |
| n)  | 50x8mm  | 100 pcs | 64.00  | 64.00  | 64.00  |
| 141 | Steel window stay bar (I.S.I.)                            |         |        |        |        |
| a)  | 200mm   | Each    | 19.00  | 19.00  | 19.00  |
| b)  | 250mm   | Each    | 24.00  | 24.00  | 24.00  |
| c)  | 300mm   | Each    | 28.00  | 28.00  | 28.00  |
| 142 | Steel window handle including Nut, bolt & washer (I.S.I.) |         |        |        |        |
| a)  | 100mm   | Each    | 16.00  | 16.00  | 16.00  |
| b)  | 150mm   | Each    | 20.00  | 20.00  | 20.00  |
| 143 | Welded mesh   |         |        |        |        |
| a)  | 25mmx25mmx11 gauge  | Sqm     | 143.00 | 143.00 | 143.00 |
| b)  | 25mmx25mmx13 gauge  | Sqm     | 132.00 | 132.00 | 132.00 |
| c)  | 50mmx25mmx11 gauge  | Sqm     | 132.00 | 132.00 | 132.00 |
| d)  | 50mmx25mmx13 gauge  | Sqm     | 120.00 | 120.00 | 120.00 |
| 144 | G.I. "L" & "J" hook                                       | 1 Kg    | 50.00  | 50.00  | 50.00  |
| 145 | W.I. clamp  | 1 Kg    | 58.00  | 58.00  | 58.00  |
|     | Aluminium fittings (I.S.I.)                               |         |        |        |        |
| 146 | Butt hinges (I.S.I.)                                      |         |        |        |        |
| a)  | 125mmx75mmx4mm  | Each    | 51.00  | 51.00  | 51.00  |
| b)  | 125mmx63mmx4mm  | Each    | 42.00  | 42.00  | 42.00  |
| c)  | 100mmx75mmx4mm  | Each    | 39.00  | 39.00  | 39.00  |

|     |  |         |        |        |        |
|-----|--|---------|--------|--------|--------|
| d)  | 100mmx63mmx4mm   | Each    | 37.00  | 37.00  | 37.00  |
| e)  | 75mmx63mmx4mm  | Each    | 25.00  | 25.00  | 25.00  |
| f)  | 50mmx35mmx3.2mm  | Each    | 10.00  | 10.00  | 10.00  |
| 147 | Aluminium handle (I.S.I.)                                      |         |        |        |        |
| a)  | 150mm with 175mm x 40mm flat                                   | Each    | 22.00  | 22.00  | 22.00  |
| b)  | 125mm with 175mm x 40mm flat                                   | Each    | 22.00  | 22.00  | 22.00  |
| c)  | 100mm with 150mm x 33m flat                                    | Each    | 21.00  | 21.00  | 21.00  |
| d)  | 75mm with 118mm x 33mm flat                                    | Each    | 20.00  | 20.00  | 20.00  |
| 148 | Aluminium tower bolt (Barrel type) (I.S.I.)                    |         |        |        |        |
| a)  | 300mm x10mm  | Each    | 50.00  | 50.00  | 50.00  |
| b)  | 250mm 10mm   | Each    | 45.00  | 45.00  | 45.00  |
| c)  | 200mm x 10mm   | Each    | 42.00  | 42.00  | 42.00  |
| d)  | 150mm x 10mm   | Each    | 35.00  | 35.00  | 35.00  |
| e)  | 100mm x 10mm   | Each    | 28.00  | 28.00  | 28.00  |
| 149 | Sliding door bolt (Aldrop) (I.S.I.)                            |         |        |        |        |
| a)  | 300mm x 16mm   | Each    | 174.00 | 174.00 | 174.00 |
| b)  | 250mm x 16mm   | Each    | 164.00 | 164.00 | 164.00 |
| 150 | Brass fittings( I.S.I. ) Butt hinges (light/Ordinary) (I.S.I.) |         |        |        |        |
| a   | 125mm x 70mm x 4mm   | Each    | 48.00  | 48.00  | 48.00  |
| b   | 100mm x 70mm x 4mm   | Each    | 36.00  | 36.00  | 36.00  |
| c   | 75mm x 40mm x 2.5mm  | Each    | 26.00  | 26.00  | 26.00  |
| d   | 50mm x 40mm x 2.5mm  | Each    | 14.00  | 14.00  | 14.00  |
| 151 | But hinges (Heavy type) (I.S.I.)                               |         |        |        |        |
| a   | 125mm x 85mm x 5.5mm (0.07 kg )                                | Each    | 147.00 | 147.00 | 147.00 |
| b   | 100mmx85mm5.5mm (0.056Kg)                                      | Each    | 132.00 | 132.00 | 132.00 |
| c   | 75mmx65mmx4mm (.02 kg )  | Each    | 58.00  | 58.00  | 58.00  |
| 152 | Brass tower bolt (Barrel type) (I.S.I.)                        |         |        |        |        |
| a   | 250mm x 10-mm  | Each    | 150.00 | 150.00 | 150.00 |
| b   | 200mm x 10mm   | Each    | 125.00 | 125.00 | 125.00 |
| c   | 150mm x 10mm   | Each    | 94.00  | 94.00  | 94.00  |
| d   | 100mm x 10mm   | Each    | 69.00  | 69.00  | 69.00  |
| 153 | Brass Screws (I.S.I.)  |         |        |        |        |
| a   | 50mm   | 100 Nos | 128.00 | 128.00 | 128.00 |
| b   | 40mm   | 100 Nos | 116.00 | 116.00 | 116.00 |
| c   | 30mm   | 100 Nos | 100.00 | 100.00 | 100.00 |
| d   | 25mm   | 100 Nos | 89.00  | 89.00  | 89.00  |
| e   | 20mm   | 100 Nos | 66.00  | 66.00  | 66.00  |
| 154 | Chromium plated fittings (Brass) (I.S.I.)Handle (I.S.I.)       |         |        |        |        |
| a.  | 125mm with 175 x 32mm plate                                    | Each    | 107.00 | 107.00 | 107.00 |
| b.  | 100mm with 150 x 25mm plate                                    | Each    | 92.00  | 92.00  | 92.00  |
| c.  | 75mm with 125 x 25mm plate                                     | Each    | 80.00  | 80.00  | 80.00  |
| 155 | Wall cement primer (I.S.I.)                                    |         |        |        |        |
| a)  | Oil bound  | 1 ltr   | 90.00  | 90.00  | 90.00  |
| b)  | Water bound  | 1 ltr   | 116.00 | 116.00 | 116.00 |

|     |  |       |         |         |         |
|-----|--|-------|---------|---------|---------|
| 156 | Aluminium paint (I.S.I.)                             | 1 ltr | 130.00  | 130.00  | 130.00  |
| 157 | Weather Coat (I.S.I.)                                | 1 ltr | 150.00  | 150.00  | 150.00  |
| 158 | Adhesive (I.S.I.)                                    | 1 Kg  | 165.00  | 165.00  | 165.00  |
| 159 | Bitumenous expansion joint board (I.S.I.)            |       |         |         |         |
| a.  | 12mm thick   | Sqm   | 539.00  | 539.00  | 539.00  |
| b.  | 16mm thick   | Sqm   | 766.00  | 766.00  | 766.00  |
| c.  | 25mm thick   | Sqm   | 996.00  | 996.00  | 996.00  |
| 160 | Barbed wire (I.S.I.)                                 | Kg    | 50.00   | 50.00   | 50.00   |
| 161 | Glass plain (I.S.I.)                                 |       |         |         |         |
| a   | 3mm  | Sqm   | 270.00  | 270.00  | 270.00  |
| b   | 4mm  | Sqm   | 310.00  | 310.00  | 310.00  |
| c   | 5mm  | Sqm   | 418.00  | 418.00  | 418.00  |
| d   | 6mm  | Sqm   | 477.00  | 477.00  | 477.00  |
| e   | 8mm  | Sqm   | 750.00  | 750.00  | 750.00  |
| f   | 10mm   | Sqm   | 950.00  | 950.00  | 950.00  |
| g   | 12mm   | Sqm   | 1125.00 | 1125.00 | 1125.00 |
| 162 | Glass pin headed (I.S.I.)                            |       |         |         |         |
| a   | 4mm  | Sqm   | 237.00  | 237.00  | 237.00  |
| b   | 5mm  | Sqm   | 308.00  | 308.00  | 308.00  |
| 163 | Black glass (I.S.I.)                                 |       |         |         |         |
| a   | 4mm  | Sqm   | 420.00  | 420.00  | 420.00  |
| b   | 5mm  | Sqm   | 511.00  | 511.00  | 511.00  |
| c   | 6mm  | Sqm   | 630.00  | 630.00  | 630.00  |
| d   | 8mm  | Sqm   | 1006.00 | 1006.00 | 1006.00 |
| e   | 12mm   | Sqm   | 1598.00 | 1598.00 | 1598.00 |
| 164 | Frosted glass (I.S.I.)                               |       |         |         |         |
| a   | 4mm  | Sqm   | 420.00  | 420.00  | 420.00  |
| b   | 5mm  | Sqm   | 450.00  | 450.00  | 450.00  |
| 165 | Wire glass – 6 mm (I.S.I.)                           | Sqm   | 526.00  | 526.00  | 526.00  |
| 166 | Sun-control film (I.S.I.)                            |       |         |         |         |
| a.  | Reflective   | Sqm   | 452.00  | 452.00  | 452.00  |
| b.  | Non-reflective                                       | Sqm   | 318.00  | 318.00  | 318.00  |
| 167 | Prelaminated particle board (standard type) (I.S.I.) |       |         |         |         |
| a.  | 9mm  | Sqm   | 492.00  | 492.00  | 492.00  |
| b.  | 12mm   | Sqm   | 563.00  | 563.00  | 563.00  |
| c.  | 18mm   | Sqm   | 625.00  | 625.00  | 625.00  |
| d.  | 25mm   | Sqm   | 744.00  | 744.00  | 744.00  |
| 168 | BWR ply wood (I.S.I.)                                |       |         |         |         |
| a   | 3mm  | Sqm   | 229.00  | 229.00  | 229.00  |
| b   | 4mm  | Sqm   | 272.00  | 272.00  | 272.00  |
| c   | 6mm  | Sqm   | 394.00  | 394.00  | 394.00  |
| d   | 9mm  | Sqm   | 491.00  | 491.00  | 491.00  |
| e   | 12mm   | Sqm   | 647.00  | 647.00  | 647.00  |
| f   | 16mm   | Sqm   | 774.00  | 774.00  | 774.00  |
| g   | 19mm   | Sqm   | 908.00  | 908.00  | 908.00  |
| h   | 25mm   | Sqm   | 1306.00 | 1306.00 | 1306.00 |

|      |  |      |         |         |         |
|------|--|------|---------|---------|---------|
| 169  | BWR Block Board (I.S.I.)   |      |         |         |         |
| a    | 16mm   | Sqm  | 661.00  | 661.00  | 661.00  |
| b    | 19mm   | Sqm  | 750.00  | 750.00  | 750.00  |
| c    | 25mm   | Sqm  | 859.00  | 859.00  | 859.00  |
| d    | 32mm   | Sqm  | 1077.00 | 1077.00 | 1077.00 |
| 170  | Vinyl Flooring (I.S.I.)  |      |         |         |         |
| (A)  | Homogeneous Range (I.S.I.)   |      |         |         |         |
| i)   | PVC (MF) Classic roll- 1.00mm thick  | Sqm  | 240.00  | 240.00  | 240.00  |
| ii)  | PVC (MF) classic tile- 1.00mm thick  | Sqm  | 276.00  | 276.00  | 276.00  |
| iii) | PVC (MF) impress roll-1.50mm thick   | Sqm  | 320.00  | 320.00  | 320.00  |
| iv)  | PVC (MF) impress tile-1.50mm thick   | Sqm  | 368.00  | 368.00  | 368.00  |
| v)   | PVC (MF) super roll-2.00mm thick   | Sqm  | 410.00  | 410.00  | 410.00  |
| vi)  | PVC (MF) super tile -2.00mm thick  | Sqm  | 474.00  | 474.00  | 474.00  |
| (B)  | Heterogeneous Range (I.S.I.)   |      |         |         |         |
| i)   | PVC (MF) Hetro roll- 2.00mm thick  | Sqm  | 461.00  | 461.00  | 461.00  |
| ii)  | PVC (MF) hetro tile- 2.00mm thick  | Sqm  | 522.00  | 522.00  | 522.00  |
| 171  | Aluminium extruded section   | Kg   | 205.00  | 205.00  | 205.00  |
| 172  | Roll formed sections made of pre-painted steel ( base steel as per IS-513 of 0.6 mm thick "D" quality, galvanised as per IS-277 with zinc of 120 gm / sq. mtr) |      |         |         |         |
| a)   | Outer frames Po-527  | Mtr  | 300.00  | 300.00  | 300.00  |
| b)   | Intermediate mullion Po-528  | Mtr  | 336.00  | 336.00  | 336.00  |
| c)   | Shutter frame Po-153   | Mtr  | 249.00  | 249.00  | 249.00  |
| d)   | Fixed beeding Po-179   | Mtr  | 124.00  | 124.00  | 124.00  |
| e)   | Sliding shutter Po-254   | Mtr  | 152.00  | 152.00  | 152.00  |
| f)   | Outer frames(side / top) Po-255  | Mtr  | 189.00  | 189.00  | 189.00  |
| g)   | Outer frames(bottom) Po-256  | Mtr  | 126.00  | 126.00  | 126.00  |
| h)   | Sliding track (SS) Po-257  | Mtr  | 494.00  | 494.00  | 494.00  |
| i)   | Sashbar Po-101   | Mtr  | 467.00  | 467.00  | 467.00  |
| j)   | Sashbar at shutter Po-107  | Mtr  | 253.00  | 253.00  | 253.00  |
| k)   | Louvered horizontal (Top / bottom) Po-193 A  | Mtr  | 126.00  | 126.00  | 126.00  |
| l)   | 33 x 57 Box Section  | Mtr  | 305.00  | 305.00  | 305.00  |
| m)   | 100x50mm Box Section   | Mtr  | 460.00  | 460.00  | 460.00  |
| n)   | Small Z Section  | Mtr  | 220.00  | 220.00  | 220.00  |
| o)   | Extended Z Section   | Mtr  | 300.00  | 300.00  | 300.00  |
| p)   | Cover Profile  | Mtr  | 110.00  | 110.00  | 110.00  |
|      | <b><u>Accessories</u></b>  |      |         |         |         |
| a)   | sliding outer frame assembly / pc  | Each | 245.00  | 245.00  | 245.00  |
| b)   | sliding shutter /pc  | Each | 299.00  | 299.00  | 299.00  |
| c)   | Sashbar  | Each | 16.00   | 16.00   | 16.00   |
| d)   | wall fixing with polymide anchor at every 600mm c/c of outer frame   | Each | 25.00   | 25.00   | 25.00   |
| e)   | Outer frame corner   | Each | 38.00   | 38.00   | 38.00   |
| f)   | Top hung shutter / pc  | Each | 325.00  | 325.00  | 325.00  |
| g)   | Fixed mullion  | Each | 48.00   | 48.00   | 48.00   |



|  |                               |      |         |         |         |
|--|-------------------------------|------|---------|---------|---------|
|  | h) Fixed glazing              | Each | 95.00   | 95.00   | 95.00   |
|  | i) Louvered blade             | Each | 25.00   | 25.00   | 25.00   |
|  | j) Side hung door / pc        | Each | 372.00  | 372.00  | 372.00  |
|  | k) Door lock / pc             | Each | 335.00  | 335.00  | 335.00  |
|  | l) Swing door shutter /pc     | Each | 186.00  | 186.00  | 186.00  |
|  | m) Floor Spring (Godrej Make) | Each | 2769.00 | 2769.00 | 2769.00 |
|  | <b><u>Gasket</u></b>          |      |         |         |         |
|  | a) For Shutter Po-153         | Mtr  | 35.00   | 35.00   | 35.00   |
|  | b) For beading Po-179         | Mtr  | 46.00   | 46.00   | 46.00   |
|  | c) For Sashbar Po-101         | Mtr  | 102.00  | 102.00  | 102.00  |

## **NOTES:**

- 1) Steel Bars of only manufacturing companies such as SAIL, are to be used in major structures like bridges ,multistoried buildings and water retaining structures.But rerolling steel bars should not be used in any work.
- 2) The cement of the companies having their own manufacturing units in the state of Orissa, are to be used in all works.
- 3) In case of bridge works expansion joints and bearings are to be procured from only specified manufacturing units approved by MORTH,
- 4) Hard stone is to be used in lieu of granite for slope protection work.

### **I. Stone and Stone Products**

- (1) The rates of materials are basic rates excluding cost of conveyance, royalty but including cost of stacking and C.S.T./V.A.T..
- (2) Normally blasted stones should not be used for soling stone where hand broken stones are available.
- (3) The box heaps of 1.5mx 1.5mx 0.44m is to be measured as 1 Cu. M.

### **II. Wood Work**

- (a) The rate of wood work items are equivalent to the rates of Orissa Forest Corporation on the average. If any change to the rates are made by the Forest Corporation the revised rates shall be taken into consideration while arriving at the finished rates.
- (b) For wood works the supply rates as fixed by the Forest Corporation shall prevail over that stated in this schedule of rates.

### **III. Items under Miscellaneous Head**

The rates under the sub-head under the Miscellaneous items are enclosure of labour and cost of all materials and conveyance except where otherwise mentioned in the description of items.

### **IV. Weight of Cement**

14.30 quintals per one Cu. M.

### **V. Materials under E.P.M./D.G.S. & D.'s Rate**

1. In case of item of work or for supply of materials against which rates have been approved by Directorate of Export Promotion and Marketing the same shall be made applicable for adoption in this schedule of rates.

In case of items of work or for supply of materials, against which rates have been approved by the D.G.S & D. the same rate shall be made applicable for adoption in this schedule of rates provided that if the rates of same items of work or for supply of materials are also forced by E.P.M. the E.P.M. rates will prevail over D.G.S. & D.'s rates.

### **VI. Rate of Cement, Steel and Bitumen will increase/decrease as mentioned below:**

- 1) **Steel: Rate as fixed by Steel Authority of India Limited (SAIL).**
- 2) **Cement: Average factory price of three manufacturers of cement inside the State.**
- 3) **Bitumen: Rate as fixed by Indian Oil Corporation Limited (IOCL) / Hidustan Petroleum Corporation Limited (HPCL).**

**CHAPTER-II**  
**RATE OF LABOUR**

| Sl. No   | DESCRIPTION   | UNIT    | RATE in Rs. |
|----------|---|---------|-------------|
| 1        | 2   | 3       | 4           |
| <b>A</b> | <b>Category unskilled</b>   |         |             |
| 1        | Male mulia  | Per day | 90.00       |
| 2        | Female mulia  | Per day | 90.00       |
| 3        | Survey Khalasi/ Chain man   | Per day | 90.00       |
| 4        | Scavanger   | Per day | 90.00       |
| <b>B</b> | <b>Category Semi skilled</b>  |         |             |
| 1        | Mulia working in water or arduous nature of work  | Per day | 103.00      |
| 2        | Night mulia or attendant working in flood and other emergent work                         | Per day | 103.00      |
| 3        | Mulia for handling hot binder and Tar boiler men  | Per day | 103.00      |
| 4        | Sangi mulia   | Per day | 103.00      |
| 5        | Pile driving mate( Guide man )  | Per day | 103.00      |
| 6        | Mate  | Per day | 103.00      |
| 7        | Helper to carpenter or Blacksmith/ Painter/ Blaster/ Plumber/ Electrician/ Fitter/ Welder | Per day | 103.00      |
| 8        | Hammer man  | Per day | 103.00      |
| 9        | Thatcher/ Gharami   | Per day | 103.00      |
| 10       | Tile turner   | Per day | 103.00      |
| 11       | Boat man  | Per day | 103.00      |
| 12       | Bhisti  | Per day | 103.00      |
| 13       | Well sinker   | Per day | 103.00      |
| 14       | Rod binder and bender   | Per day | 103.00      |
| 15       | Cleaner/ Sweeper  | Per day | 103.00      |
| 16       | Stone packer  | Per day | 103.00      |
| 17       | Pump helper   | Per day | 103.00      |
| 18       | Watch man( Store)/Gurkha / Security Guard   | Per day | 103.00      |
| 19       | Bellow man  | Per day | 103.00      |
| <b>C</b> | <b>Category Skilled</b>   |         |             |
| 1        | Blaster( Second class )   | Per day | 116.00      |
| 2        | Mason( Second class )   | Per day | 116.00      |
| 3        | Black smith ( Second class )  | Per day | 116.00      |
| 4        | Carpenter( Second class )   | Per day | 116.00      |
| 5        | Fitter( Second class )  | Per day | 116.00      |
| 6        | Painter/ Polisher( Second class )   | Per day | 116.00      |
| 7        | Welder( Second class )  | Per day | 116.00      |
| 8        | Plumber( Second class )   | Per day | 116.00      |
| 9        | Driller( Second class )   | Per day | 116.00      |
| 10       | Stone dresser/ Cutter( Second class)  | Per day | 116.00      |
| 11       | Cobbler with tools( Second class)   | Per day | 116.00      |
| 12       | Wire man/ Lift operator / Diesel pump driver/ Telephone operator                          |         | 116.00      |

|          |  |         |        |
|----------|--|---------|--------|
|          | ( Second class )   |         |        |
| 13       | Boring Mistry/ Pipe driver   | Per day | 116.00 |
| 14       | Electrician/ Rigger/ Line man/<br>Telephone attendant/   | Per day | 116.00 |
| 15       | Gardener   | Per day | 116.00 |
| 16       | Amin   | Per day | 116.00 |
| 17       | Tracer   | Per day | 116.00 |
| 18       | Jr. progress recorder  | Per day | 116.00 |
| 19       | Store keeper Gr.- II/ Store Asst./<br>Account clerk/ Clerk/ Typist/<br>Toolkeeper/ Time keeper/ Munsifi                        | Per day | 116.00 |
| <b>D</b> | <b>Category Highly Skilled</b>   |         |        |
| 1        | Blaster (licensed)   | Per day | 129.00 |
| 2        | Mason (special)  | Per day | 129.00 |
| 3        | Carpenter(special)   | Per day | 129.00 |
| 4        | Blacksmith(special)  | Per day | 129.00 |
| 5        | Fitter(special)  | Per day | 129.00 |
| 6        | Painter/ Polisher(special)   | Per day | 129.00 |
| 7        | Welder(special)  | Per day | 129.00 |
| 8        | Plumber(special)   | Per day | 129.00 |
| 9        | Driller (Special)  | Per day | 129.00 |
| 10       | Stone dresser/ Cutter(special)   | Per day | 129.00 |
| 11       | Diver for well sinking in bridge<br>( per shift of four hours.)  | Per day | 129.00 |
| 12       | Electrician/ Air conditioned plant<br>operator/ wire man/ Lift operator/<br>Diesel pump operator (special).                    | Per day | 129.00 |
| 13       | Jeep driver/ Tractor driver / Truck<br>driver / Dozer driver / Roller<br>driver /Concrete mixture operator<br>/ Crane operator | Per day | 129.00 |
| 14       | Auto electrician   | Per day | 129.00 |
| 15       | Guiniting Machine operator   | Per day | 129.00 |
| 16       | Senior Accountant / Stenographer   | Per day | 129.00 |
| 17       | Supervisor / Manager   | Per day | 129.00 |
| 18       | Testing Laboratory Assistant /<br>Instrument Mechanic/ Telephone<br>Mechanic.  | Per day | 129.00 |
| 19       | Rigger and Cobbler with Tools<br>Driver (Heavy Vehicle)  | Per day | 129.00 |

**Note :**

1. Labour rates for un-skilled, Semi-skilled, Skilled and Highly skilled as are to be fixed from time to time by Labour Department under Minimum Wages Act shall prevail in respect of any category what so ever.
2. The rates for above four categories of labour are inclusive of weekly day of rest.
3. An adult Employee shall work for 8 (Eight) hours per day including half-an-hour of rest.

| Sl No.    | Description  | Unit           | Rat in (Rs.) |
|-----------|--|----------------|--------------|
| <b>E.</b> | <b>Other Category<br/>(Not covered by the Notification of Labour &amp; Employment Department).</b> |                |              |
| 01        | Boring Mistry (Special)  | <b>Per Day</b> | 100.00       |
| 02        | Winch operator   | Per Day        | 110.00       |
| 03        | Well Sinker (Special)  | Per Day        | 170.00       |
| 04        | Helper to Well Sinker  | Per Day        | 80.00        |
| 05        | Computer Programmer / Analyzer   | Per Month      | 5000.00      |
| 06        | Computer Operator  | Per Month      | 4000.00      |
| 07        | Helper to operator of Heavy construction Machineries   | Per Month      | 3500.00      |
| 08        | Mechanic for Heavy construction  | Per Month      | 4000.00      |
| 09        | Helper to mechanic for heavy construction machines.  | Per Month      | 3000.00      |
| 10        | Operator for Heavy construction  | Per Month      | 5000.00      |
| 11        | Junior Research Assistant (Technical Assistant)  | Per Month      | 4000.00      |
|           |  |                |              |

**CHAPTER-III**  
**RATE FOR CONVEYANCE OF MATERIALS**

**ITEM NO-1. Conveyance of Materials by Ten Tonne Trucks including loading & unloading.**

(Rupees in Rs.)

| Distance to be carried                     | Rough stone, metal, khoa, chips, sand, surki, quarry rubbish, moorum laterite stone, washed gravel, flyash & earth (Per 1 cum) | Bricks 23cm= 2500 nos<br>Bricks 25cm= 2000 nos<br>Cement concrete & fly ash blocks<br>400mmx200mmx200mm= 300 nos<br>400mmx150mmx200mm= 400 nos<br>400mmx100mmx200mm= 600 nos<br>300mmx200mmx150mm= 550 nos<br>300mmx150mmx150mm= 730 nos<br>300mmx100mmx150mm= 1100 nos<br>All Kinds of tiles = 180 Sqm<br>(per truck) | Iron, Grills, Cement, Bitumen, A.C sheet, GCI Sheet & Paint etc(per 1000 kg) Wood (per 1.25 cum) |              | Bulky materials like Machineries, generators, concrete pipe & furniture etc (per Truck) |
|--|--|--|--|--------------|---|
|  |  |  | Railway station  | Other places |   |
| 1  | 2  | 3  | 4  | 5            | 6   |
| Up to 5 KM                                 | 102.00   | 679.00   | 110.00   | 107.00       | 910.00  |
| Every extra KM beyond 5 KM and up to 50 Km | 6.40   | 29.00  | 6.40   | 6.40         | 30.00   |
| Every extra KM beyond 50 KM                | 4.30   | 22.50  | 5.30   | 5.30         | 22.50   |

Note : Extra percentage to be allowed over the rates

1. For earthen roads or village tracks or cross country tracks, 20 % extra may be allowed on the certificate of Executive Engineer after his inspection and duly approved by Superintending Engineer.
2. For declared ghat road, add extra length of ghat road portion.

**ITEM NO. 2: Loading into Trucks and Unloading from trucks (Within 50 m lead) including stacking**

| Sl. No | Details of materials  | Unit         | Rate in Rs. |
|--------|---|--------------|-------------|
| 1      | Rough stone, metal, khoa, chips, sand, surki, quarry rubbish, moorum, laterite stone, washed gravel, & earth etc.   | 1 Cum        | 61.00       |
| 2      | Iron, grills, cement, Bitumen, A.C sheet, GCI Sheet ,Coke,coal lime etc   | 1 qtl.       | 8.50        |
| 3      | Bricks 23cm= 2500 nos<br>Bricks 25cm= 2000 nos<br>Cement concrete & flyash blocks<br>400mmx200mmx200mm= 300 nos<br>400mmx150mmx200mm= 400 nos<br>400mmx100mmx200mm= 600 nos<br>300mmx200mmx150mm= 550 nos<br>300mmx150mmx150mm= 730 nos<br>300mmx100mmx150mm= 1100 nos<br>All kinds of tiles= 180 Sqm | 1 truck load | 345.00      |
| 4      | Bulky material such as<br>a) Hume pipes & furnitures  | 1 truck load | 470.00      |
|        | b) Heavy machineries such as compressors ,concrete mixer, hotmix plant etc.   | 1 truck load | 560.00      |

Note : a) For item no . 1

- i) 2/3 of rate is considered for loading
- ii) 1/3 of rate is considered for unloading

b) for item no 2,3 & 4

- i) 50 % of rate is considered for loading
- ii) 50 % of rate is considered for unloading

**ITEM NO. 3 Carriage by Bullock Cart including Loading and Unloading**

| Sl. No | Distance to be carried. | Unit        | Rate in Rs. |
|--------|-------------------------|-------------|-------------|
| 1      | First KM                | 1 cart load | 52.00       |
| 2      | Subsequent KM           | 1 cart load | 26.50       |

**ITEM NO. 4 Unloading from Railway wagon and loading into trucks**

| Sl. No | Details of materials.  | Unit   | Rate in Rs. |
|--------|--|--------|-------------|
| 1      | Unloading from Railway wagon and stacking on platform<br>1.0 m in clear of rails within 15 m lead<br>a) Cement, Bitumen, coal, paint etc | 1 Qtl. | 1.30        |
|        | b) Steel, A.C sheet, GCI Sheet , etc   | 1 Qtl. | 4.50        |
| 2      | Removing from railway platform and loading into trucks<br>a) Cement, Bitumen, coal, paint etc  | 1 Qtl. | 1.30        |
|        | b) Steel, A.C sheet, GCI Sheet , etc   | 1 Qtl. | 4.50        |
|        |  |        |             |

**ITEM NO. 5 Conveyance by Head load including loading & unloading and stacking.**

| Sl. No | Distance to be carried.         | Rough stone, metal, khoa, chips, sand, surki, quarry rubbish, moorum, laterite stone, moorum, washed gravel, fly ash & earth per cum | Iron, grills, cement, lime, Bitumen, A.C sheet, GCI Sheet , paint etc (per 1 quintal), wood( per 0.125 cum) |
|--------|---------------------------------|--|---|
| 1      | 2                               | 3.   | 4   |
|        |                                 | Rate in Rs.  | Rate in Rs.   |
| 1      | Up to 50 mtr.                   | 25.50  | 6.40  |
| 2      | Beyond 50 mtr and upto 100 mtr  | 30.00  | 9.60  |
| 3      | Beyond 100 mtr and upto 150 mtr | 39.00  | 14.00   |



**ITEM NO. 6 Conveyance by Boat including loading & unloading**

| Distance to be carried.                          | Rough stone, metal, khoa chips, sand, surki, quarry rubbish, moorum laterite stone, moorum, washed gravel, fly ash & earth (per cum) | Bricks 23cm= 2500 nos<br>Bricks 25cm= 2000 nos<br>Cement concrete & flyash blocks<br>400mmx200mmx200mm= 300nos<br>400mmx150mmx200mm= 400 os<br>400mmx100mmx200mm=600 nos<br>300mmx200mmx150mm=550 nos<br>300mmx150mmx150mm=730 nos<br>300mmx100mmx150mm=1100 nos<br>All kind of Tiles=180 Sqm | Iron, grills, cement, lime, Bitumen, A.Csheet, GCI Sheet &, paint etc (per 1 quintal) wood(per 0.125 cum) |
|--|--|---|---|
| 1  | 2  | 3   | 4   |
|  | Rate in Rs.  | Rate in Rs.   | Rate in Rs.   |
| A) In River                                      | 38.00  | 216.00  | 6.50  |
| i) Up to 5 KM.                                   |  |   |   |
| ii) Every extra KM beyond 5.00 Km and upto 16 KM | 4.00   | 19.00   | 0.60  |
| iii) Every extra KM beyond 16 KM                 | 2.00   | 14.00   | 0.50  |
| B) In canal                                      |  |   |   |
| i) Up to 5 KM.                                   | 26.50  | 189.00  | 5.50  |
| ii) every extra KM beyond 5.00 Km and upto 16 KM | 4.50   | 16.00   | 0.75  |
| iii) every extra KM beyond 16 KM                 | 2.00   | 13.00   | 0.60  |

**Item No.7 Capacity of Trucks.**

| Sl. No. | Description of Items                                      | Capacity                                    |
|---------|---|---|
| 1       | 2   | 3   |
| 1.      | Rough stone and cut laterite stones                       |   |
| i).     | Rough stone(Boulders)                                     | 4.00 Cum                                    |
| ii)     | Cut laterite stone  | 5.00 Cum                                    |
| 2.      | Gravel, sand & surki                                      | 5.50 Cum                                    |
| 3.      | Cut stone (granite & hard stone)                          | 5.50 Cum                                    |
| 4.      | Lime  | 5.50 Cum                                    |
| 5.      | Wood  | 5.00 Cum                                    |
| 6. a)   | Bricks 25 cm  | 2000 Nos                                    |
| b)      | Bricks 23 cm  | 2500 Nos                                    |
| c)      | Cement concrete & flyash blocks                           |   |
|         | 400mm x 200mm x 200mm                                     | 300 Nos                                     |
|         | 400mm x 150mm x 200mm                                     | 400 Nos                                     |
|         | 400mm x 100mm x 200mm                                     | 600 Nos                                     |
|         | 300mm x 200mm x 150mm                                     | 550 Nos                                     |
|         | 300mm x 150mm x 150mm                                     | 730 Nos                                     |
|         | 300mm x 100mm x 150mm                                     | 1100 Nos                                    |
| d)      | All kinds of tiles  | 180 Sqm                                     |
| 7.      | Iron, tar, pitch and other materials considered by weight | 7.00 tonnes                                 |
| 8.      | Cement  | 8.00 tonnes                                 |
| 9.      | Straw for thatching                                       | 1000 Nos or 100 head loads or 50 Bhar loads |
| 10.     | Bamboos   | 30 Bhar loads                               |
| 11.     | Hume pipe up to 600mm diameter                            | 5 Nos.                                      |
| 12.     | Hume pipe 900mm & above diameter                          | 3 Nos.                                      |

**Note:**

Where materials are to be conveyed by head loads or by pack animals, rates are to be worked out on actual analysis and approved by the Superintending Engineer.

**Item No. 8: Head Loads**

| Sl.No. | Description of Items     | Capacity                      |
|--------|--------------------------|-------------------------------|
| 1      | 2                        | 3                             |
| 1.     | Each head load of straw  | 1 bundle of 1.5 mtr. in girth |
| 2.     | Each bhar load of straw  | 2 bundle of 1.5 mtr. in girth |
| 3.     | Each head load of bamboo | Belangi 10 Nos., muli 3 nos   |
| 4.     | Each bhar load of bamboo | Belangi 20 Nos., muli 6 nos   |

**Item No -9 : Cart Load of Materials**

| Sl No | Description of Items                                  | Quantity per cart load |            |
|-------|---|------------------------|------------|
|       |   | Plain Road             | Hilly Road |
| 1     | 2   | 3                      | 4          |
| 1.    | Rough stone cut laterite stone                        | 0.28 cum               | 0.23 cum   |
| 2.    | Gravel , Sand & Surki                                 | 0.36 cum               | 0.28 cum   |
| 3.    | Cut Stone (granite & hard Stone)                      | 0.20 cum               | 0.15 cum   |
| 4.    | Lime and wood   | 0.60 cum               | 0.42 cum   |
| 5.    | Bricks  | 200 nos                | 150 nos    |
| 6.    | Cement concrete & flyash blocks                       |                        |            |
|       | 400mm x 200 mm x 200 mm                               | 30 nos                 | 22 nos     |
|       | 400mm x 150 mm x 200 mm                               | 40 nos                 | 30 nos     |
|       | 400mm x 100 mm x 200 mm                               | 60 nos                 | 45 nos     |
|       | 300mm x 200 mm x 150 mm                               | 55 nos                 | 41 nos     |
|       | 300 mmx 150 mmx150 mm                                 | 73 nos                 | 55 nos     |
|       | 300 mmx100 mmx150 mm                                  | 110 nos                | 82 nos     |
| 7.    | Pan tiles   | 1000 nos               | 800 nos    |
| 8.    | Flat tiles  |                        |            |
|       | i) 15cmx15cmx1.25cm                                   | 2000 nos               | 1600 nos   |
|       | ii) 30cmx15cmx2.5cm                                   | 500 nos                | 400 nos    |
|       | iii) 30cmx30cmx2.5cm                                  | 250 nos                | 200 nos    |
| 9.    | Nuria Tiles – 20 cm x 25 cm                           | 800 nos                | 600 nos    |
| 10.   | Mangalore and Ranigang tiles                          | 250 nos                | 200 nos    |
| 11.   | Iron , Cement,tar,Pitch and other materials by weight | 454 kg                 | 363 kg     |

Note :- The rates of conveyance of materials are exclusive of voids of materials.

**CHAPTER -IV**  
**HIRE CHARGES OF PLANTS AND MACHINERIES**

| Sl. No. | DESCRIPTIONS                           |   |              | USAGE RATES IN RS. |         |
|---------|--|---|--------------|--------------------|---------|
|         | Machine                                | Activity                                      | Output       | Unit               | Rate    |
| 1       | Dozer D-50 -A 15                       | Spreading                                     | 200cum/hour  | per hour           | 1831.00 |
|         |  | Cutting                                       | 100cum/hour  | per hour           |         |
|         |  | Cleaning                                      | 150cum/hour  | per hour           |         |
| 2       | Dozer D-80-A 12                        | Spreading                                     | 300cum/hour  | per hour           | 2519.00 |
|         |  | Cutting                                       | 150cum/hour  | per hour           |         |
|         |  | Cleaning                                      | 250cum/hour  | per hour           |         |
| 3       | Motor Grader 3.35meter blade           | Clearing                                      | 200cum/hour  | per hour           | 1545.00 |
|         |  | Spreading                                     | 200cum/hour  | per hour           |         |
|         |  | GSB   | 50cum/hour   | per hour           |         |
|         |  | WMM   | 50cum/hour   | per hour           |         |
| 4       | Tractor with ordinary grader           |   |              | per hour           | 289.00  |
| 5       | Hydraulic Excavator of 1cum bucket     | Soil ordinary                                 | 60cum/hour   | per hour           | 840.00  |
|         |  | Soil Marshy                                   | 60cum/hour   | per hour           |         |
|         |  | Soil unsuitable                               | 60cum/hour   | per hour           |         |
| 6       | Hydraulic Excavator of 2cum bucket     | Soil  |              | per hour           | 1868.00 |
| 7       | Front End loader 1 cum bucket capacity | Soil loading                                  | 60cum/hour   | per hour           | 520.00  |
|         |  | Aggregate loading                             | 25cum/hour   | per hour           |         |
| 8       | Tipper-5cum                            | Transportation of soil, GSB, WMM, Hotmix etc. | 5.5cum       | per km.            | 24.00   |
|         |  |   |              | per tonne.km       | 2.50    |
|         |  |   |              | per hour           | 582.00  |
| 9       | Vibratory Roller 8-10 tonne            | Earth/soil                                    | 100cum/hour  | per hour           | 994.00  |
|         |  | GSB   | 60cum/hour   | per hour           |         |
|         |  | WMM   | 60cum/hour   | per hour           |         |
| 10      | Smooth wheeled Roller 8 -10 tonne      | Soil compaction                               | 70cum/hour   | per hour           | 339.00  |
|         |  | BM compaction                                 | 25cum/hour   | per hour           |         |
| 11      | Sheep foot Roller                      | Soil compaction                               |              | per hour           | 65.00   |
| 12      | Truck mounted water tanker             | Water transport                               | 6KL          | per hour           | 582.00  |
| 13      | Tractor                                | Pulling                                       | 50HP         | per hour           | 231.00  |
| 14      | Rotavator                              | Mixing  | 25cum/hour   | per hour           | 11.00   |
| 15      | Ripper                                 | Scarifying                                    | 60cum/hour   | per hour           | 18.00   |
| 16      | Air Compressor                         | General purpose                               | 170/250cfm   | per hour           | 206.00  |
| 17      | Diesel Compressor                      |   | 400cfm       | per hour           | 856.00  |
| 18      | Diesel Compressor                      |   | 300cfm       | per hour           | 711.00  |
| 19      | Electrical Compressor                  |   | 500cfm       | per hour           | 497.00  |
| 20      | Wet Mix Plant 60 TPH                   | Wet Mix                                       | 25cum/hour   | per hour           | 777.00  |
| 21      | Wet Mix Plant 75 TPH                   | Wet Mix                                       | 34cum/hour   | per hour           | 1036.00 |
| 22      | Mechanical broom hydraulic             | Surface cleaning                              | 1250sqm/hour | per hour           | 230.00  |

|    |  |  |                          |          |          |
|----|--|--|--------------------------|----------|----------|
| 23 | Bitumen pressure distributor                           | Applying bitumen tack coat             | 1750sqm/hour             | per hour | 692.00   |
| 24 | Emulsion pressure distributor                          | Applying emulsion tack coat            | 1750sqm/hour             | per hour | 516.00   |
| 25 | Hotmix plant -120 TPH                                  | DBM/BM/SDC/Premix                      | 40cum/hour               | per hour | 15100.00 |
| 26 | Hotmix plant -100 TPH                                  | DBM/BM/SDC/Premix                      | 30cum/hour               | per hour | 11167.00 |
| 27 | Hotmix plant -60 to 90TPH                              | DBM/BM/SDC/Premix                      | 25cum/hour               | per hour | 8930.00  |
| 28 | Hotmix plant -40 to 60TPH                              | DBM/BM/SDC/Premix                      | 17cum/hour               | per hour | 7150.00  |
| 29 | Hotmix plant -8 to 10TPH                               | Premix                                 | cum/hour                 | per hour | 1025.00  |
| 30 | Paver Finisher Hydrostatic with sensor control 100 TPH | Paving of DBM /BM /SDC/Premix          | 40cum/hour               | per hour | 1725.00  |
| 31 | Paver Finisher Mechanical 100 TPH                      | Paving of WMM/PMC                      | 40cum/hour               | per hour | 739.00   |
|    |  | Paving of DLC                          | 30cum/hour               | per hour |          |
| 32 | Paver Finisher Mechanical                              | Paving of DLC                          | 75cum/hour               | per hour | 1846.00  |
| 33 | Hydraulic Chips Spreader                               | Surface Dressing                       | 1500sqm/hour             | per hour | 1700.00  |
| 34 | Tandem Road Roller                                     | Rolling of Asphalt surface             | 30cum/hour               | per hour | 738.00   |
| 35 | Pneumatic Road Roller                                  | Rolling of Asphalt surface             | 25cum/hour               | per hour | 802.00   |
| 36 | Pot hole repair machine                                | Repair of pot holes                    | 4cum/hour                | per hour | 585.00   |
| 37 | Bitumen boiler oil fired                               | Bitumen spraying                       | 1500Litre                | per hour | 128.00   |
| 38 | Tar boiler   | Bitumen spraying                       |                          | per hour | 74.00    |
| 39 | GSB Plant 50 cum                                       | Producing GSB                          | 40cum/hour               | per hour | 670.00   |
| 40 | Mastic Cooker  | Mastic Wearing Coat                    | 1tonne                   | per hour | 1586.00  |
| 41 | Batching and Mixing plant 15-20cum                     | Concrete Mixing                        | 13cum/hour               | per hour | 1200.00  |
| 42 | Batching and Mixing plant 30cum                        | Concrete Mixing                        | 20cum/hour               | per hour | 1440.00  |
| 43 | Batching and Mixing plant 112.5cum                     | Concrete Mixing                        | 75cum/hour               | per hour | 2760.00  |
| 44 | Batching and Mixing plant 262.5cum                     | Concrete Mixing                        | 175cum/hour              | per hour | 5160.00  |
| 45 | Transit Mixer  | Transportation of concrete mix to site | 4.5cum/hour              | per hour | 600.00   |
|    |  |  | 3cum/hour                | per hour | 550.00   |
| 46 | Grout pump   |  |                          | per hour | 65.00    |
| 47 | Concrete pump of 45 & 30 cum                           | Pumping Concrete                       | 33cum/hour<br>22cum/hour | per hour | 165.00   |
| 48 | Pump with 5HP diesel engine                            | Pumping of Water                       |                          | per hour | 59.00    |
| 49 | Pump with 10HP diesel engine                           | Pumping of Water                       |                          | per hour | 108.00   |
| 50 | Pump with 20HP diesel engine                           | Pumping of Water                       |                          | per hour | 166.00   |
| 51 | Pump with 40HP diesel engine                           | Pumping of Water                       |                          | per hour | 278.00   |
| 52 | Pump with 40HP electrical                              |  |                          | per hour | 149.00   |
| 53 | Pump with 50HP electrical                              |  |                          | per hour | 182.00   |
| 54 | Cranes 80 tonnes                                       | Lifting purpose                        |                          | per hour | 825.00   |
| 55 | Cranes 35 tonnes                                       | Lifting purpose                        |                          | per hour | 550.00   |
| 56 | Cranes 3 tonnes  | Lifting purpose                        |                          | per hour | 230.00   |
| 57 | Crawler mounted Crane (18T)                            | Lifting purpose                        |                          | per hour | 1717.00  |
| 58 | Tower Crane  | Lifting purpose                        |                          | per hour | 551.00   |
| 59 | Welding transformer                                    | Welding                                |                          | per hour | 81.00    |
| 60 | Gunning machine without compressor                     |  |                          | per hour | 91.00    |

|    |  |   |                     |              |          |
|----|--|---|---------------------|--------------|----------|
| 61 | Mechanical Winch (10T)                   |   |                     | per hour     | 224.00   |
| 62 | Power Winch (40HP)                       |   |                     | per hour     | 220.00   |
| 63 | Concrete Bucket                          | For pouring concrete                    | 1cum                | per hour     | 10.00    |
| 64 | Kerb casting machine                     | Kerb making                             | 80RM/hour           | per hour     | 200.00   |
| 65 | Concrete Mixer                           | Concrete Mixing                         | 2.5cum/hour         | per hour     | 177.00   |
|    | a)04/0.28 cum                            |   |                     |              |          |
|    | b)01cum                                  |   | 7.5cum/hour         | per hour     |          |
| 66 | Vibrator (3HP diesel)                    | Compacting Concrete                     |                     | per hour     | 106.00   |
| 67 | Piling Rig with Bantonite Pump           | 0.75m dia to 1.2m dia Boring Attachment | 2 to 3RM/hour       | per hour     | 3525.00  |
| 68 | Concrete Paver Finisher with 40HP Motor  | Paving of Concrete Surface              | 20cum/hour          | per hour     | 1850.00  |
| 69 | Integrated stone crusher                 | Crushing of Spalls                      | 100TPH              | per hour     | 5590.00  |
|    |  | Crushing of Spalls                      | 200TPH              | per hour     | 11760.00 |
| 70 | Stone crusher (electrical)               | Crushing of Spalls                      |                     | per hour     | 184.00   |
| 71 | Crushing & processing plant (electrical) |   |                     | per hour     | 235.00   |
| 72 | Concrete Paver Finisher with 40HP Motor  | Paving of Concrete Surface              | 175cum/hour         | per hour     | 16188.00 |
| 73 | Prestressing Jack with Pump & Access     | Stressing of Steel Wires/Stand          |                     | per hour     | 83.00    |
| 74 | Generator 100KVA                         | Generation of Electric Energy           | 100KVA              | per hour     | 450.00   |
| 75 | Generator 250KVA                         | Generation of Electric Energy           | 100KVA              | per hour     | 1125.00  |
| 76 | Generator 33KVA                          | Generation of Electric Energy           | 50KVA               | per hour     | 240.00   |
| 77 | Generator 40KVA                          | Generation of Electric Energy           | KVA                 | per hour     | 425.00   |
| 78 | Generator 125KVA                         | Generation of Electric Energy           | KVA                 | per hour     | 905.00   |
| 79 | Pneumatic Sinking Plant                  | Pneumatic Sinking of wells              | 1.5 to 2.0 cum/hour | per hour     | 2690.00  |
| 80 | Truck 5.5cum per 10 tonnes               | Material Transport                      | 4.5cum              | Per Km.      | 20.00    |
|    |  |   |                     | per tonne.km | 2.00     |
|    |  |   |                     | per hour     | 557.00   |
| 81 | Road Marking machine                     | Road marking                            | 100sqm/hour         | per hour     | 60.00    |
| 82 | Mobile Slurry Seal Equipment             | Mixing and laying slurry seal           | 2700sqm/hour        | per hour     | 650.00   |
| 83 | Wagon drill                              |   |                     | per hour     | 128.00   |
| 84 | Dimond drill                             |   |                     | per hour     | 338.00   |
| 85 | Inwell rings                             |   |                     | per hour     | 72.00    |
| 86 | Jack hammer                              |   |                     | per hour     | 9.00     |
| 87 | Pneumatic rammer                         |   |                     | per hour     | 13.00    |
| 88 | Pusher leg                               |   |                     | per hour     | 5.00     |