

SOUTH CENTRAL RAILWAY  
ENGINEERING DEPARTMENT  
TENDER SCHEDULE

**Name of work :**

**SW- I :** CTF: Raising of PF 1 & PF 2 from Rail level to High level, Provision of COP and passenger amenities at Chitgidda station under ADEN/VKB sub-division.  
**SW - II :** CTF: Rehabilitation of Station Building at Chitgidda (CTF) Station in Sr.DEN/West jurisdiction.

| S.No | Item No. | Description   | SW I    | SW II  | Total Quantity | Rate     | Unit  | Cost         |
|------|----------|---|---------|--------|----------------|----------|-------|--------------|
| 1    | 2        | 3   | 4       | 5      | 6              | 7        | 8     | 9            |
|      |          | <b>Schedule 'A' (DSR 2023 General Items)</b>  |         |        |                |          |       |              |
| 1    | 2.6.1    | All kinds of soil   | 128.00  | 490.00 | 618.00         | 177.50   | Cum   | 109,695.00   |
| 2    | 2.8.1    | All kinds of soil.  | 1483.00 | 50.00  | 1533.00        | 260.30   | Cum   | 399,039.90   |
| 3    | 2.10.1.1 | Pipes, cables etc, not exceeding 80 mm dia.   | 56.00   | 50.00  | 106.00         | 215.60   | m     | 22,853.60    |
| 4    | 2.10.1.2 | Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia  | 540.00  | 100.00 | 640.00         | 352.15   | m     | 225,376.00   |
| 5    | 2.25     | Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not         | 751.00  | 270.00 | 1021.00        | 196.00   | Cum   | 200,116.00   |
| 6    | 2.25a    | Excavating, supplying and filling of local earth (including royalty) by mechanical transport up to a lead of 5 km, also | 167.00  | 150.00 | 317.00         | 700.50   | Cum   | 222,058.50   |
| 7    | 2.26.1   | All kinds of soil.  | 56.00   | 255.00 | 311.00         | 126.80   | Cum   | 39,434.80    |
| 8    | 2.27     | Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing         | 12.00   | 81.00  | 93.00          | 2123.75  | Cum   | 197,508.75   |
| 9    | 2.28.1   | All kinds of soil.  | 990.00  | 525.00 | 1515.00        | 34.15    | Sqm   | 51,737.25    |
| 10   | 2.31     | Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm      | 0.00    | 525.00 | 525.00         | 17.60    | Sqm   | 9,240.00     |
| 11   | 2.33.1   | Beyond 30 cm girth up to and including 60 cm girth  | 0.00    | 10.00  | 10.00          | 532.35   | No.   | 5,323.50     |
| 12   | 2.33.2   | Beyond 60 cm girth up to and including 120 cm girth   | 0.00    | 5.00   | 5.00           | 2373.50  | No.   | 11,867.50    |
| 13   | 4.3.1    | Foundations, footings, bases for columns.   | 823.00  | 87.00  | 910.00         | 392.15   | Sqm   | 356,856.50   |
| 14   | 4.11     | Providing and laying damp-proof course 50mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (Zone            | 0.00    | 81.00  | 81.00          | 495.75   | Sqm   | 40,155.75    |
| 15   | 4.12     | Extra for providing and mixing water proofing material in cement concrete work in doses by weight of cement as per      | 0.00    | 40.00  | 40.00          | 18.15    | units | 726.00       |
| 16   | 5.9.1    | Foundations, footings, bases of columns, etc. for mass concrete   | 344.00  | 191.00 | 535.00         | 392.15   | Sqm   | 209,800.25   |
| 17   | 5.9.3    | Suspended floors, roofs, landings, balconies and access platform  | 0.00    | 246.00 | 246.00         | 927.25   | Sqm   | 228,103.50   |
| 18   | 5.9.5    | Lintels, beams, plinth beams, girders, bressumers and cantilevers   | 268.00  | 400.00 | 668.00         | 736.40   | Sqm   | 491,915.20   |
| 19   | 5.9.6    | Columns, Pillars, Piers, Abutments, Posts and Struts  | 357.00  | 151.00 | 508.00         | 961.30   | Sqm   | 488,340.40   |
| 20   | 5.9.15   | Small lintels not exceeding 1.5 m clear span, moulding as in cornices, window sills, string courses, bands, copings,    | 77.00   | 0.00   | 77.00          | 392.15   | Sqm   | 30,195.55    |
| 21   | 5.9.16.1 | Under 20 cm wide  | 810.00  | 82.00  | 892.00         | 208.55   | m     | 186,026.60   |
| 22   | 5.9.19   | Weather shade, Chajjas, corbels etc., including edges   | 0.00    | 14.00  | 14.00          | 951.10   | Sqm   | 13,315.40    |
| 23   | 5.11.1   | Suspended floors, roofs, landing, beams and balconies (Plan area to be measured)  | 0.00    | 460.00 | 460.00         | 384.30   | Sqm   | 176,778.00   |
| 24   | 5.35     | Add for using extra cement in the items of design mix over and above the specified cement content therein.              | 54.00   | 11.00  | 65.00          | 733.50   | Qtl   | 47,677.50    |
| 25   | 6.1.2    | Cement mortar 1:6 (1 cement : 6 coarse sand)  | 56.00   | 10.00  | 66.00          | 7132.25  | Cum   | 470,728.50   |
| 26   | 6.4.2    | Cement mortar 1:6 (1 cement : 6 coarse sand)  | 5.00    | 5.00   | 10.00          | 9105.95  | Cum   | 91,059.50    |
| 27   | 6.12.2   | Cement mortar 1:4 (1 cement : 4 coarse sand)  | 2.00    | 0.00   | 2.00           | 905.05   | Sqm   | 1,810.10     |
| 28   | 6.38     | Providing and laying Autoclaved Aerated concrete (AAC) blocks masonry 100 mm/ 125 mm thick with Grade-I                 | 0.00    | 21.00  | 21.00          | 10195.45 | Cum   | 214,104.45   |
| 29   | 6.47     | Providing and laying autoclaved aerated cement blocks masonry with 150mm/230mm/300 mm thick AAC blocks                  | 190.00  | 100.00 | 290.00         | 8333.65  | Cum   | 2,416,758.50 |
| 30   | 7.1.1    | Cement mortar 1:6 (1 cement : 6 coarse sand).   | 453.00  | 75.00  | 528.00         | 7311.25  | Cum   | 3,860,340.00 |
| 31   | 7.2.1    | Cement mortar 1:6 (1 cement : 6 coarse sand).   | 0.00    | 10.00  | 10.00          | 9275.45  | Cum   | 92,754.50    |
| 32   | 8.2.2.1  | Area of slab upto 0.50 sqm  | 26.00   | 19.00  | 45.00          | 5413.50  | Sqm   | 243,607.50   |
| 33   | 8.2.2.2  | Area of slab over 0.50 sqm  | 34.00   | 3.00   | 37.00          | 5136.30  | Sqm   | 190,043.10   |

| S.No | Item No.    | Description  | SW I    | SW II  | Total Quantity | Rate      | Unit | Cost         |
|------|-------------|--|---------|--------|----------------|-----------|------|--------------|
| 1    | 2           | 3  | 4       | 5      | 6              | 7         | 8    | 9            |
| 34   | 9.1.1       | Second class teak wood   | 0.00    | 0.60   | 0.60           | 142949.70 | Cum  | 85,769.82    |
| 35   | 9.5.1.1     | 35 mm thick shutters   | 0.00    | 5.10   | 5.10           | 4111.95   | Sqm  | 20,970.95    |
| 36   | 9.7.1       | Second class teak wood   | 0.00    | 5.10   | 5.10           | 3323.20   | Sqm  | 16,948.32    |
| 37   | 9.7.8       | Fly proof stainless steel grade 304 wire gauge with 0.5 mm dia. wire and 1.4mm wide aperture with matching wood        | 0.00    | 18.00  | 18.00          | 1800.45   | Sqm  | 32,408.10    |
| 38   | 9.21.2      | 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.                                    | 0.00    | 8.40   | 8.40           | 2172.10   | Sqm  | 18,245.64    |
| 39   | 9.22.1      | On one side only.  | 0.00    | 8.40   | 8.40           | 478.00    | Sqm  | 4,015.20     |
| 40   | 9.53        | Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts             | 0.00    | 40.00  | 40.00          | 228.85    | No.  | 9,154.00     |
| 41   | 9.62.1      | 300x16 mm  | 0.00    | 4.00   | 4.00           | 216.55    | No.  | 866.20       |
| 42   | 9.63.1      | 250x10 mm  | 0.00    | 4.00   | 4.00           | 83.90     | No.  | 335.60       |
| 43   | 9.65.1      | 300x20x6 mm  | 0.00    | 4.00   | 4.00           | 98.35     | No.  | 393.40       |
| 44   | 9.66.1      | 125 mm   | 0.00    | 8.00   | 8.00           | 39.95     | No.  | 319.60       |
| 45   | 9.71.1      | 125x64x2.50 mm   | 0.00    | 15.00  | 15.00          | 129.85    | No.  | 1,947.75     |
| 46   | 9.72.1      | 125x85x5.5 mm (heavy type)   | 0.00    | 21.00  | 21.00          | 268.65    | No.  | 5,641.65     |
| 47   | 9.74.1      | 250x10 mm  | 0.00    | 6.00   | 6.00           | 441.60    | No.  | 2,649.60     |
| 48   | 9.75.1      | 300x16x5 mm  | 0.00    | 6.00   | 6.00           | 322.20    | No.  | 1,933.20     |
| 49   | 9.82        | Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.       | 0.00    | 8.00   | 8.00           | 121.65    | No.  | 973.20       |
| 50   | 9.83        | Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo           | 0.00    | 2.00   | 2.00           | 1124.85   | No.  | 2,249.70     |
| 51   | 9.92.1      | 125 mm   | 0.00    | 10.00  | 10.00          | 231.05    | No.  | 2,310.50     |
| 52   | 9.96.1      | 300x16 mm  | 0.00    | 10.00  | 10.00          | 303.25    | No.  | 3,032.50     |
| 53   | 9.97.1      | 300x10 mm  | 0.00    | 5.00   | 5.00           | 130.10    | No.  | 650.50       |
| 54   | 9.100.1     | 125 mm   | 0.00    | 10.00  | 10.00          | 66.25     | No.  | 662.50       |
| 55   | 9.101.2     | Twin rubber stopper  | 0.00    | 10.00  | 10.00          | 72.35     | No.  | 723.50       |
| 56   | 9.147.A4.1  | Using R2 series with frame (70 mm & above) x (40 mm & above) & both glazed and fly screen sash (25 mm &                | 0.00    | 18.00  | 18.00          | 10993.55  | Sqm  | 197,883.90   |
| 57   | 9.147.C2.1  | Using R1 series with frame (33mm & above ) x (35mm & above) & mullion (33mm & above) x (50mm & above).                 | 0.00    | 4.70   | 4.70           | 9155.20   | Sqm  | 43,029.44    |
| 58   | 11.20.1     | Light shade pigment using white cement.  | 8.00    | 54.00  | 62.00          | 1402.00   | Sqm  | 86,924.00    |
| 59   | 11.20.2     | Medium shade pigment using 50% white cement 50% Grey cement.   | 1039.00 | 0.00   | 1039.00        | 1328.35   | Sqm  | 1,380,155.65 |
| 60   | 11.37a      | Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS : 15622 (thickness to be specified by the | 0.00    | 85.00  | 85.00          | 1112.70   | Sqm  | 94,579.50    |
| 61   | 11.41 A.1.3 | Size of Tile 600 x 1200 mm   | 0.00    | 110.00 | 110.00         | 1577.15   | Sqm  | 173,486.50   |
| 62   | 11.41 A.3.1 | Size of Tile 600 x 600 mm  | 0.00    | 30.00  | 30.00          | 1464.85   | Sqm  | 43,945.50    |
| 63   | 11.46.2     | Size of Tile 600x600 mm  | 0.00    | 135.00 | 135.00         | 1623.05   | Sqm  | 219,111.75   |
| 64   | 11.55.1     | Flamed finish granite stone slab Jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.                            | 0.00    | 138.00 | 138.00         | 3186.70   | Sqm  | 439,764.60   |
| 65   | 11.56.1     | Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent                                  | 9.00    | 0.00   | 9.00           | 4481.30   | Sqm  | 40,331.70    |
| 66   | 12.41.1     | 75 mm diameter   | 72.00   | 0.00   | 72.00          | 248.80    | m    | 17,913.60    |
| 67   | 12.41.2     | 110 mm diameter  | 0.00    | 69.00  | 69.00          | 377.40    | m    | 26,040.60    |
| 68   | 12.42.5.2   | 110 mm bend  | 0.00    | 14.00  | 14.00          | 150.35    | Nos  | 2,104.90     |
| 69   | 12.42.6.2   | 110 mm Shoe  | 0.00    | 7.00   | 7.00           | 131.85    | Nos  | 922.95       |
| 70   | 12.43.2     | 110 mm   | 0.00    | 35.00  | 35.00          | 371.30    | Nos  | 12,995.50    |
| 71   | 12.44       | Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less      | 0.00    | 7.00   | 7.00           | 54.70     | Nos  | 382.90       |
| 72   | 12.45.3     | 12.5 mm thick tapered edge gypsum moisture resistant board.  | 0.00    | 127.00 | 127.00         | 1529.10   | Sqm  | 194,195.70   |
| 73   | 12.50       | Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved        | 476.00  | 0.00   | 476.00         | 738.65    | Sqm  | 351,597.40   |

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|------|-----------|--|---------|---------|----------------|---------|-------|--------------|
| 1    | 2         | 3  | 4       | 5       | 6              | 7       | 8     | 9            |
| 74   | 12.51.1   | Ridges plain (500 - 600mm).  | 32.00   | 0.00    | 32.00          | 532.35  | Nos   | 17,035.20    |
| 75   | 12.51.5   | Crimp curve  | 8.00    | 0.00    | 8.00           | 496.75  | Sqm   | 3,974.00     |
| 76   | 13.4.2    | 1:6 (1 cement: 6 coarse sand)  | 819.00  | 0.00    | 819.00         | 343.65  | Sqm   | 281,449.35   |
| 77   | 13.5.2    | 1:6 (1 cement: 6 coarse sand)  | 1644.00 | 599.00  | 2243.00        | 395.35  | Sqm   | 886,770.05   |
| 78   | 13.6.2    | 1:6 (1 cement: 6 coarse sand)  | 0.00    | 400.00  | 400.00         | 466.05  | Sqm   | 186,420.00   |
| 79   | 13.29.4   | Moulded Band   | 0.00    | 2400.00 | 2400.00        | 21.40   | units | 51,360.00    |
| 80   | 13.33.1   | Flush/ Ruled pointing  | 0.00    | 79.00   | 79.00          | 385.40  | Sqm   | 30,446.60    |
| 81   | 13.37.1   | New work (three or more coats)   | 2992.00 | 450.00  | 3442.00        | 39.05   | Sqm   | 134,410.10   |
| 82   | 13.44.1   | New work (Two or more coats applied @ 3.84 kg/10 sqm).   | 2862.00 | 450.00  | 3312.00        | 116.90  | Sqm   | 387,172.80   |
| 83   | 13.48.1   | Two or more coats applied on walls @ 1.25 ltr/10 sqm. over and including one coat of Special primer applied @      | 0.00    | 955.00  | 955.00         | 193.70  | Sqm   | 184,983.50   |
| 84   | 13.48.2   | Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10       | 0.00    | 28.00   | 28.00          | 176.25  | Sqm   | 4,935.00     |
| 85   | 13.52.2   | On concrete work   | 170.00  | 0.00    | 170.00         | 235.15  | Sqm   | 39,975.50    |
| 86   | 13.61.1   | Two or more coats on new work.   | 22.00   | 18.00   | 40.00          | 155.90  | Sqm   | 6,236.00     |
| 87   | 13.63.1   | Two or more coats on new work  | 320.00  | 0.00    | 320.00         | 146.80  | Sqm   | 46,976.00    |
| 88   | 13.80     | Providing and applying white cement based putty of average thickness 1 mm, of approved brand and                   | 0.00    | 923.00  | 923.00         | 156.05  | Sqm   | 144,034.15   |
| 89   | 15.2.1    | Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)   | 527.00  | 0.00    | 527.00         | 2434.25 | Cum   | 1,282,849.75 |
| 90   | 15.23.1   | For thickness of tiles 10 mm to 25 mm  | 3510.00 | 0.00    | 3510.00        | 73.40   | Sqm   | 257,634.00   |
| 91   | 15.60     | Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by                     | 863.00  | 270.00  | 1133.00        | 263.95  | Cum   | 299,055.35   |
| 92   | 16.1      | Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth | 5076.00 | 0.00    | 5076.00        | 218.90  | Sqm   | 1,111,136.40 |
| 93   | 16.62     | Providing and applying 2.5 mm thick road marking strips (retro-reflective) of specified shade/ colour using hot    | 54.00   | 0.00    | 54.00          | 747.80  | Sqm   | 40,381.20    |
| 94   | 16.91.1   | 60mm thick Cement concrete paver block of M-35 grade with approved colour, design & pattern                        | 0.00    | 150.00  | 150.00         | 1045.65 | Sqm   | 156,847.50   |
| 95   | 17.1.1    | White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests                      | 0.00    | 2.00    | 2.00           | 6767.40 | No.   | 13,534.80    |
| 96   | 17.2.1    | W.C. pan with ISI marked white solid plastic seat and lid  | 0.00    | 3.00    | 3.00           | 6515.55 | No.   | 19,546.65    |
| 97   | 17.4.2    | Range of two urinal basins with 5 litre white P.V.C. automatic flushing cistern                                    | 0.00    | 2.00    | 2.00           | 9612.40 | No.   | 19,224.80    |
| 98   | 17.7.2    | White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap                          | 0.00    | 6.00    | 6.00           | 2226.35 | No.   | 13,358.10    |
| 99   | 17.28.1.1 | 32 mm dia  | 0.00    | 6.00    | 6.00           | 103.90  | No.   | 623.40       |
| 100  | 17.29     | Providing and fixing 100 mm sand cast Iron grating for gully trap.   | 0.00    | 6.00    | 6.00           | 53.25   | No.   | 319.50       |
| 101  | 18.21.2.1 | 15 mm nominal bore   | 20.00   | 0.00    | 20.00          | 97.75   | No.   | 1,955.00     |
| 102  | 18.22.2   | 150 mm diameter  | 0.00    | 11.00   | 11.00          | 222.35  | No.   | 2,445.85     |
| 103  | 18.25.1   | Up to 300 mm dia.  | 1.00    | 0.00    | 1.00           | 6352.40 | Qtl   | 6,352.40     |
| 104  | 18.27.1   | 100 mm dia. pipe   | 20.00   | 0.00    | 20.00          | 1423.10 | m     | 28,462.00    |
| 105  | 18.53.1   | 15mm nominal bore  | 0.00    | 5.00    | 5.00           | 574.30  | No.   | 2,871.50     |
| 106  | 18.54.2   | 15 mm nominal bore, 122 mm long. Weighing not less than 99 gms.  | 0.00    | 5.00    | 5.00           | 161.20  | No.   | 806.00       |
| 107  | 18.57.1   | 15 mm nominal bore, 98 mm long. Weighing not less than 75 gms.   | 16.00   | 0.00    | 16.00          | 112.80  | No.   | 1,804.80     |
| 108  | 18.48     | Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with    | 0.00    | 1000.00 | 1000.00        | 11.00   | Ltr   | 11,000.00    |
| 109  | 19.1.1    | 100 mm diameter  | 0.00    | 100.00  | 100.00         | 443.60  | m     | 44,360.00    |

| S.No | Item No. | Description   | SW I     | SW II    | Total Quantity | Rate     | Unit | Cost                 |
|------|----------|---|----------|----------|----------------|----------|------|----------------------|
| 1    | 2        | 3   | 4        | 5        | 6              | 7        | 8    | 9                    |
| 110  | 19.1.2   | 150 mm diameter   | 0.00     | 100.00   | 100.00         | 695.80   | m    | 69,580.00            |
| 111  | 19.4.3.1 | With common burnt clay F.P.S. (non modular) bricks of class designation 7.5   | 4.00     | 0.00     | 4.00           | 2802.15  | No.  | 11,208.60            |
| 112  | 19.7.1.1 | With common burnt clay F.P.S. (non modular) bricks of class designation 7.5   | 0.00     | 4.00     | 4.00           | 12770.55 | No.  | 51,082.20            |
| 113  | 21.1.1.1 | Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic              | 0.00     | 45.00    | 45.00          | 495.05   | Kg   | 22,277.25            |
| 114  | 21.3.2   | With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)  | 0.00     | 27.00    | 27.00          | 1505.25  | Sqm  | 40,641.75            |
| 115  | 21.3.3   | With float glass panes of 8 mm thickness (weight not less than 20 kg/sqm)   | 0.00     | 4.00     | 4.00           | 1685.40  | Sqm  | 6,741.60             |
| 116  | 21.8.1   | Upto 5mm depth and 5 mm width   | 0.00     | 99.00    | 99.00          | 96.75    | Mtr  | 9,578.25             |
| 117  | 21.17    | Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS:        | 0.00     | 36.00    | 36.00          | 638.35   | Kg   | 22,980.60            |
| 118  | 23.5     | Supplying, filling, spreading & leveling stone boulders of size range 5 cm to 20 cm, in recharge pit, in the required | 0.00     | 2.00     | 2.00           | 1509.80  | Cum  | 3,019.60             |
| 119  | 23.6     | Supplying, filling, spreading & leveling gravels of size range 5 mm to 10 mm, in the recharge pit, over the           | 0.00     | 1.00     | 1.00           | 1538.25  | Cum  | 1,538.25             |
| 120  | 23.7     | Supplying, filling, spreading & leveling coarse sand of size range 1.5 mm to 2 mm in recharge pit, in required        | 0.00     | 1.00     | 1.00           | 1538.25  | Cum  | 1,538.25             |
| 121  | 26.86.5  | Frame size 65 x 100 mm  | 0.00     | 26.00    | 26.00          | 1111.30  | m    | 28,893.80            |
| 122  | 26.87.2  | 35 mm thick   | 0.00     | 9.00     | 9.00           | 5015.35  | Sqm  | 45,138.15            |
|      |          | <b>Total</b>  |          |          |                |          |      | 20,917,880.67        |
|      |          | <b>Deduction</b>  |          |          |                | -15%     |      | -3,137,682.10        |
|      |          | <b>Total of Schedule 'A'</b>  |          |          |                |          |      | <b>17,780,198.57</b> |
|      |          | <b>Schedule 'B' (DSR 2023 Cement Concrete Items)</b>  |          |          |                |          |      |                      |
| 1    | 4.1.2    | 1:1½:3 (1 Cement: 1½ coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal      | 5.00     | 0.00     | 5.00           | 8340.85  | Cum  | 41,704.25            |
| 2    | 4.1.4    | 1:2:4 (1 Cement : 2 coarse sand(zone-III) derived from natural sources : 4 graded stone aggregate 40 mm nominal       | 2.00     | 0.00     | 2.00           | 7780.30  | Cum  | 15,560.60            |
| 3    | 4.1.5    | 1:3:6 (1 Cement : 3 coarse sand(zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal       | 120.00   | 0.00     | 120.00         | 7294.70  | Cum  | 875,364.00           |
| 4    | 4.1.6    | 1:3:6 (1 Cement : 3 coarse sand(zone-III) derived from natural sources : 6 graded stone aggregate 40 mm nominal       | 1219.00  | 110.00   | 1329.00        | 7178.75  | Cum  | 9,540,558.75         |
| 5    | 4.20.1.4 | Concrete of M25 grade with minimum cementcontent of 300 kg /cum   | 122.00   | 0.00     | 122.00         | 9439.05  | Cum  | 1,151,564.10         |
| 6    | 5.12     | Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete work in   | 52.00    | 10.00    | 62.00          | 10585.90 | Cum  | 656,325.80           |
| 7    | 5.16     | Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in        | 0.00     | 3.00     | 3.00           | 20355.80 | Cum  | 61,067.40            |
| 8    | 5.33.1.1 | Concrete of M25 grade with minimum cement content of 330 kg /cum  | 139.00   | 120.00   | 259.00         | 9504.75  | Cum  | 2,461,730.25         |
| 9    | 5.33.2.1 | Concrete of M25 grade with minimum cement content of 330 kg /cum  | 32.00    | 100.00   | 132.00         | 9860.40  | Cum  | 1,301,572.80         |
| 10   | 11.7     | Cement concrete pavement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size),         | 0.00     | 10.00    | 10.00          | 8595.15  | Cum  | 85,951.50            |
| 11   | 16.69    | Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to     | 37.00    | 4.00     | 41.00          | 10117.60 | Cum  | 414,821.60           |
| 12   | 16.75    | Providing and laying C.C. pavement of mix M-25 with ready mixed concrete from batching plant. The ready               | 768.00   | 0.00     | 768.00         | 9823.80  | Cum  | 7,544,678.40         |
| 13   | 22.14.1  | Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)                         | 0.00     | 17.00    | 17.00          | 8042.30  | Cum  | 136,719.10           |
|      |          | <b>Total</b>  |          |          |                |          |      | 24,287,618.55        |
|      |          | <b>Deduction</b>  |          |          |                | -15%     |      | -3,643,142.78        |
|      |          | <b>Total of Schedule 'B'</b>  |          |          |                |          |      | <b>20,644,475.77</b> |
|      |          | <b>Schedule 'C' (DSR 2023 Reinforcement steel items)</b>  |          |          |                |          |      |                      |
| 1    | 5.22.6   | Thermo-Mechanically Treated bars of grade Fe-500D or more.  | 33932.70 | 15000.00 | 48932.70       | 107.85   | Kg   | 5,277,391.70         |
| 2    | 5.22A.6  | Thermo-Mechanically Treated bars of grade Fe-500D or more.  | 3315.00  | 12500.00 | 15815.00       | 107.85   | Kg   | 1,705,647.75         |
|      |          | <b>Total</b>  |          |          |                |          |      | 6,983,039.45         |
|      |          | <b>Deduction</b>  |          |          |                | -15%     |      | -1,047,455.92        |
|      |          | <b>Total of Schedule 'C'</b>  |          |          |                |          |      | <b>5,935,583.53</b>  |

| S.No | Item No. | Description   | SW I     | SW II  | Total Quantity | Rate    | Unit | Cost                |
|------|----------|---|----------|--------|----------------|---------|------|---------------------|
| 1    | 2        | 3   | 4        | 5      | 6              | 7       | 8    | 9                   |
|      |          | <b>Schedule 'D' (DSR 2023 Structural steel items)</b>   |          |        |                |         |      |                     |
| 1    | 9.48.2   | Fixed to openings / wooden frames with rawl plugs screws etc.   | 0.00     | 630.00 | 630.00         | 238.35  | Kg   | 150,160.50          |
| 2    | 10.2     | Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting,   | 17900.00 | 0.00   | 17900.00       | 133.70  | Kg   | 2,393,230.00        |
| 3    | 10.19    | Providing and fixing mild steel round holding down bolts with nuts and washer plates complete.                      | 645.00   | 0.00   | 645.00         | 97.20   | Kg   | 62,694.00           |
| 4    | 10.20    | Providing and fixing bolts including nuts and washers complete.   | 68.00    | 0.00   | 68.00          | 159.35  | Kg   | 10,835.80           |
| 5    | 10.25.2  | In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.                                | 90.00    | 0.00   | 90.00          | 172.60  | Kg   | 15,534.00           |
| 6    | 10.28    | Providing and fixing stainless steel ( Grade 304) railing made of Hollow tubes, channels, plates etc., including    | 0.00     | 800.00 | 800.00         | 772.40  | Kg   | 617,920.00          |
|      |          | <b>Total</b>  |          |        |                |         |      | 3,250,374.30        |
|      |          | <b>Deduction</b>  |          |        |                | -15%    |      | -487,556.15         |
|      |          | <b>Total of Schedule 'D'</b>  |          |        |                |         |      | <b>2,762,818.16</b> |
|      |          | <b>Schedule 'E' (DSR 2023 Pipe Items)</b>   |          |        |                |         |      |                     |
| 1    | 18.8.1   | 15 mm nominal outer dia .Pipes.   | 0.00     | 20.00  | 20.00          | 497.80  | m    | 9,956.00            |
| 2    | 18.8.2   | 20 mm nominal outer dia .Pipes.   | 0.00     | 20.00  | 20.00          | 537.60  | m    | 10,752.00           |
| 3    | 18.8.3   | 25 mm nominal outer dia .Pipes.   | 0.00     | 40.00  | 40.00          | 627.25  | m    | 25,090.00           |
| 4    | 18.9.1   | 15 mm nominal outer dia. Pipes.   | 0.00     | 20.00  | 20.00          | 244.70  | m    | 4,894.00            |
| 5    | 18.9.2   | 20 mm nominal outer dia. Pipes.   | 0.00     | 20.00  | 20.00          | 274.30  | m    | 5,486.00            |
| 6    | 18.10.3  | 25 mm dia. nominal bore   | 40.00    | 40.00  | 80.00          | 551.70  | m    | 44,136.00           |
| 7    | 18.10.6  | 50 mm dia. nominal bore   | 540.00   | 80.00  | 620.00         | 1048.35 | m    | 649,977.00          |
| 8    | 18.13.1  | 25 to 40 mm nominal bore  | 0.00     | 5.00   | 5.00           | 911.90  | No.  | 4,559.50            |
| 9    | 18.13.2  | 50 to 80 mm nominal bore  | 50.00    | 5.00   | 55.00          | 1785.35 | No.  | 98,194.25           |
| 10   | 18.16.1  | Providing and fixing brass stop cock of approved quality :15 mm nominal bore  | 0.00     | 5.00   | 5.00           | 353.25  | No.  | 1,766.25            |
| 11   | 18.16.2  | Providing and fixing brass stop cock of approved quality :20 mm nominal bore  | 0.00     | 5.00   | 5.00           | 379.20  | No.  | 1,896.00            |
| 12   | 18.17.1  | Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 25 mm nominal bore    | 15.00    | 5.00   | 20.00          | 622.40  | No.  | 12,448.00           |
| 13   | 18.17.4  | 50 mm nominal bore  | 0.00     | 2.00   | 2.00           | 1026.65 | No.  | 2,053.30            |
|      |          | <b>Total</b>  |          |        |                |         |      | <b>871,208.30</b>   |
|      |          | <b>Deduction</b>  |          |        |                | -15%    |      | -130,681.25         |
|      |          | <b>Total of Schedule 'E'</b>  |          |        |                |         |      | <b>740,527.06</b>   |
|      |          | <b>Schedule 'F' (DSR 2020 Horticulture and landscaping items)</b>   |          |        |                |         |      |                     |
| 1    | 2.2      | Supplying and stacking of good earth at site including royalty and carriage upto 5 km lead complete (earth          | 0.00     | 200.00 | 200.00         | 515.6   | Cum  | 103,120.00          |
| 2    | 2.33     | Mexican grass   | 0.00     | 400.00 | 400.00         | 214.4   | sqm  | 85,760.00           |
| 3    | 2.1      | Trenching in ordinary soil  | 0.00     | 50.00  | 50.00          | 78.1    | cum  | 3,905.00            |
| 4    | 2.3      | Supplying and stacking at of Sludge   | 0.00     | 50.00  | 50.00          | 294     | Cum  | 14,700.00           |
| 5    | 2.4.1    | Supplying and stacking at site dump manure from approved source,including carriage upto 5 km lead                   | 0.00     | 50.00  | 50.00          | 254.15  | Cum  | 12,707.50           |
| 6    | 2.8      | Spreading of sludge, dump manure and/or good earth in required thickness as per direction of officer-in-charge      | 0.00     | 50.00  | 50.00          | 52.35   | Cum  | 2,617.50            |
| 7    | 2.9      | Mixing earth and sludge or manure in the required proportion specified or directed by the Officer-in-charge         | 0.00     | 50.00  | 50.00          | 36.55   | Cum  | 1,827.50            |
| 8    | 2.14.3   | Digging holes in ordinary soil and refilling the same with the excavated earth mixed with manure or sludge in the   | 0.00     | 15.00  | 15.00          | 43.75   | Each | 656.25              |
| 9    | 2.15.1   | Half brick circular tree guard in bricks, internal diameter 1.25 metre and height 1.2 metre above ground and 0.20 m | 0.00     | 5.00   | 5.00           | 1626.45 | Each | 8,132.25            |

| S.No | Item No. | Description   | SW I    | SW II  | Total Quantity | Rate    | Unit | Cost                 |
|------|----------|---|---------|--------|----------------|---------|------|----------------------|
| 1    | 2        | 3   | 4       | 5      | 6              | 7       | 8    | 9                    |
| 10   | 3.22     | Areca palm  | 0.00    | 5.00   | 5.00           | 592.45  | Each | 2,962.25             |
| 11   | 5.14     | Cyrus revolta   | 0.00    | 5.00   | 5.00           | 1183.9  | Each | 5,919.50             |
| 12   | 8.23     | Ficus bhalki  | 0.00    | 5.00   | 5.00           | 250     | Each | 1,250.00             |
|      |          | <b>Total of Schedule 'F'</b>  |         |        |                |         |      | <b>243,557.75</b>    |
|      |          | <b>Schedule 'G' (USSOR 2021 Items)</b>  |         |        |                |         |      |                      |
| 1    | 011031   | Earthwork in filling in embankment guide bunds, around buried type abutments, bridge gaps, trolley refuges,               | 5000.00 | 0.00   | 5000.00        | 220.94  | Cum  | 1,104,700.00         |
|      |          | <b>Total of Schedule 'G'</b>  |         |        |                |         |      | <b>1,104,700.00</b>  |
|      |          | <b>Schedule 'H' (NS-ITEMS)</b>  |         |        |                |         |      |                      |
| 1    | NS 1     | High level platform wall with precast RCC counter fort segments with design mix control concrete M 30 grade of            | 540.00  | 0.00   | 540.00         | 2511.87 | Mtr  | 1,356,409.80         |
| 2    | NS 2     | Cutting of grooves in 5mm wide 12mm deep in flooring concrete for expansion and contraction in concrete and               | 925.00  | 0.00   | 925.00         | 297.92  | Mtr  | 275,576.00           |
| 3    | NS 3     | Providing and laying Tactile tile (Detectable warning surface) flooring for visually impaired persons of                  | 205.00  | 25.00  | 230.00         | 930.00  | Sqm  | 213,900.00           |
| 4    | NS 4     | Providing and Fixing of Stainless steel (SS 304 grade) water valley gutter made of SS plate of 1.45 mm (tolerance         | 470.00  | 0.00   | 470.00         | 585.92  | Kgs  | 275,382.40           |
| 5    | NS 5     | Providing and fixing unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain                    | 16.00   | 0.00   | 16.00          | 559.32  | Each | 8,949.12             |
| 6    | NS 6     | Supplying and fixing 160mm dia PVC rain water pipes conforming to IS: 13592 Type A including jointing with                | 20.00   | 0.00   | 20.00          | 780.37  | Rm   | 15,607.40            |
| 7    | NS 7     | Preparation of Structural Arrangement drawings and Bar-Bending Schedule with all details for buildings/                   | 0.00    | 270.00 | 270.00         | 172.75  | Sqm  | 46,642.50            |
| 8    | NS 8     | Selection of suitable site for drilling of bore well/tube well by suitable method for all diameters - consultancy charges | 0.00    | 1.00   | 1.00           | 1100.00 | No.  | 1,100.00             |
| 9    | NS 9     | Supplying, assembling, lowering and fixing in vertical position in bore well un-plasticized PVC bore well casing          | 0.00    | 50.00  | 50.00          | 1689.96 | Mtr  | 84,498.00            |
| 10   | NS 10    | Drilling of bore well of 165 mm dia (6.50inches) with suitable Hydraulic Rig for specified depth in all types of          | 0.00    | 30.00  | 30.00          | 197.00  | Mtr  | 5,910.00             |
| 11   | NS 11    | Drilling of bore well of 165 mm dia (6.50inches) with suitable Hydraulic Rig for specified depth in all types of          | 0.00    | 30.00  | 30.00          | 230.00  | Mtr  | 6,900.00             |
| 12   | NS 12    | Drilling of bore well of 165 mm dia (6.50inches) with suitable Hydraulic Rig for specified depth in all types of          | 0.00    | 30.00  | 30.00          | 295.00  | Mtr  | 8,850.00             |
| 13   | NS 13    | Drilling of bore well of 165 mm dia (6.50inches) with suitable Hydraulic Rig for specified depth in all types of          | 0.00    | 30.00  | 30.00          | 361.00  | Mtr  | 10,830.00            |
| 14   | NS 14    | Drilling of bore well of 165 mm dia (6.50inches) with suitable Hydraulic Rig for specified depth in all types of          | 0.00    | 30.00  | 30.00          | 459.00  | Mtr  | 13,770.00            |
| 15   | NS 15    | Drilling of bore well of 165 mm dia (6.50inches) with suitable Hydraulic Rig for specified depth in all types of          | 0.00    | 30.00  | 30.00          | 558.00  | Mtr  | 16,740.00            |
| 16   | NS 16    | Drilling of bore well of 165 mm dia (6.50inches) with suitable Hydraulic Rig for specified depth in all types of          | 0.00    | 30.00  | 30.00          | 689.00  | Mtr  | 20,670.00            |
| 17   | NS 17    | Drilling of bore well of 165 mm dia (6.50inches) with suitable Hydraulic Rig for specified depth in all types of          | 0.00    | 30.00  | 30.00          | 820.00  | Mtr  | 24,600.00            |
| 18   | NS 18    | Drilling of bore well of 165 mm dia (6.50inches) with suitable Hydraulic Rig for specified depth in all types of          | 0.00    | 30.00  | 30.00          | 984.00  | Mtr  | 29,520.00            |
|      |          | <b>Total of Schedule 'H'</b>  |         |        |                |         |      | <b>2,415,855.22</b>  |
|      |          | <b>Total Value of Schedule A+B+C+D+E+F+G+H</b>  |         |        |                |         |      | <b>51,627,716.04</b> |

  
 Sr.DEN/West/SC