

TS Register No: 3366/2020-2021

AS Register No:3518/2020-2021

**Construction of Kanathodu Regulator cum Bridge across Kurumali Puzha at
Kundukadavu in Pudukkad Panchayath ,Thrissur District**

Detailed Estimate

(Dsor year: 2016, Cost Index Applied for this estimate is 31.06%)

| SI No | Description | No | L | B | D | CF | Quantity | Remark |
|--|---|----|--------|--------|---|----|------------------------------------|--------------------|
| 1 1 Appendix A-Providing Ring Bund & Dewatering | | | | | | | | |
| 1 | 2.31 Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared | | | | | | | |
| | U/s & D/S on both sides | 4 | 60.000 | 10.000 | | | 2400.000 | |
| | | | | | | | Total Quantity | 2400.000 sqm |
| | | | | | | | Total Deducted Quantity | 0.000 sqm |
| | | | | | | | Net Total Quantity | 2400.000 sqm |
| | | | | | | | Say 2400.000 sqm @ Rs 9.44 / sqm | Rs 22656.00 |
| 2 | 2.33.1 Felling trees of the girth (measured at a height of 1 m above ground level) including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 30 cm girth up to and including 60 cm girth | | | | | | | |
| | | 15 | | | | | 15.000 | |
| | | | | | | | Total Quantity | 15.000 each |
| | | | | | | | Total Deducted Quantity | 0.000 each |
| | | | | | | | Net Total Quantity | 15.000 each |
| | | | | | | | Say 15.000 each @ Rs 287.28 / each | Rs 4309.20 |
| 3 | 2.33.2 Felling trees of the girth (measured at a height of 1 m above ground level) including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 60 cm girth up to and including 120 cm girth | | | | | | | |
| | | 6 | | | | | 6.000 | |
| | | | | | | | Total Quantity | 6.000 each |
| | | | | | | | Total Deducted Quantity | 0.000 each |
| | | | | | | | Net Total Quantity | 6.000 each |
| | | | | | | | Say 6.000 each @ Rs 1274.82 / each | Rs 7648.92 |
| 4 | 60.1.1 | | | | | | | |

| | | | | | | | |
|---|---|--------|---------|--|--|--|----------------------|
| | RING BUND Type-I-Putting up ring bund as per approved shape 2.5m bottom width, 1m top width using empty gunny/polythene bags filled with earth placed in 2 rows at 0.6m apart and filled in between with puddle clay to form bund for an average height 2.00m including labour dismantling the bund after completion of the work etc. complete. | | | | | | |
| | For retaining wall | | | | | | |
| | D/S right bank | 1 | 65.000 | | | | 65.000 |
| | D/S left bank | 1 | 119.000 | | | | 119.000 |
| | U/S (left and right bank) | 2 | 185.000 | | | | 370.000 |
| | long bund | 2 | 85.000 | | | | 170.000 |
| | cross bund | 2 | 50.000 | | | | 100.000 |
| | Total Quantity | | | | | | 824.000 metre |
| | Total Deducted Quantity | | | | | | 0.000 metre |
| | Net Total Quantity | | | | | | 824.000 metre |
| | Say 824.000 metre @ Rs 1246.12 / metre | | | | | | Rs 1026802.88 |
| 5 | 60.2.3 Bailing out water using pump above 5 HP and Up to 10 HP-Bailing out water with engine and pump set above 5HP and up to 10HP, including conveyance to site and erection, cost of fuel, lubrication oil and other stores, pay of staff etc complete | | | | | | |
| | Other Engineering Operations 2 pumps 10 days 8 hours | | | | | | |
| | | 2*10*8 | | | | | 160.000 |
| | Total Quantity | | | | | | 160.000 hour |
| | Total Deducted Quantity | | | | | | 0.000 hour |
| | Net Total Quantity | | | | | | 160.000 hour |
| | Say 160.000 hour @ Rs 279.61 / hour | | | | | | Rs 44737.60 |
| 6 | 60.2.5 BAILING OUT WATER USING PUMP ABOVE 20HP AND UP TO 30HP -Bailing out water with engine and pump set above 25HP and up to 30HP, including conveyance to site and erection, cost of fuel, lubrication oil and other stores, pay of staff etc complete | | | | | | |
| | 4 pumps 25 days 8 hours | | | | | | |
| | | 4*25*8 | | | | | 800.000 |
| | Total Quantity | | | | | | 800.000 hour |
| | Total Deducted Quantity | | | | | | 0.000 hour |
| | Net Total Quantity | | | | | | 800.000 hour |
| | Say 800.000 hour @ Rs 611.52 / hour | | | | | | Rs 489216.00 |
| 7 | 60.65 | | | | | | |

| Providing Z steel sheet pile of size 400x185x7.5/8.5 driving down vertically in lines and levels interlocking with adjacent piles with suitable pile driving unit and all accessories including all labour hire charges etc. complete and as per the directions of departmental officers at site. | | | | | | | | |
|---|--|----|--------|-----------------|-----------------|----|----------------------|--------|
| | D/S | 1 | 76.000 | (91.221-87.221) | | | 304.000 | |
| Total Quantity | | | | | | | 304.000 sqm | |
| Total Deducted Quantity | | | | | | | 0.000 sqm | |
| Net Total Quantity | | | | | | | 304.000 sqm | |
| Say 304.000 sqm @ Rs 13878.55 / sqm | | | | | | | Rs 4219079.20 | |
| SI No | Description | No | L | B | D | CF | Quantity | Remark |
| 2 2 Appendix B-Construction of Regulator cum Bridge | | | | | | | | |
| 1 | 2.4.2.A Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 metres Cement Concrete Grade M-15 & M-20 - By Mechanical Means | | | | | | | |
| | | 2 | 1.000 | 3.000 | 3.000 | | 18.000 | |
| | | 1 | 5.000 | 4.000 | 0.500 | | 10.000 | |
| | | 1 | 5.000 | 1.000 | 0.500 | | 2.500 | |
| Total Quantity | | | | | | | 30.500 cum | |
| Total Deducted Quantity | | | | | | | 0.000 cum | |
| Net Total Quantity | | | | | | | 30.500 cum | |
| Say 30.500 cum @ Rs 597.80 / cum | | | | | | | Rs 18232.90 | |
| 2 | od256478/2020_2021 Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas exceeding 30 cm in depth, including disposal of excavated earth, with all lead and lift, disposed earth to be levelled and neatly dressed and as directed by Engineer in charge.All kinds of soil | | | | | | | |
| | Pile Cap -Piers | 4 | 11.100 | 3.900 | (90.221-88.421) | | 311.688 | |
| | B/n piers | 3 | 7.000 | 12.000 | 2.000 | | 504.000 | |
| | | 3 | 5.000 | 12.000 | 2.100 | | 378.000 | |
| | End vents | 2 | 7.000 | 7.400 | 2.000 | | 207.201 | |
| | | 2 | 5.000 | 7.400 | 2.000 | | 148.000 | |
| | Solid apron U/s | 1 | 4.000 | 76.000 | 1.000 | | 304.000 | |
| | Solid apron D/S | 1 | 7.000 | 76.000 | 1.500 | | 798.000 | |
| | | 1 | 6.000 | 76.000 | 1.400 | | 638.400 | |

| | | | | | | | | |
|---|---|------------|--------|--------|-------|---|-----------------------|--|
| | D/S Toe wall foundation | 1 | 73.000 | 0.800 | 0.300 | | 17.520 | |
| | D/S Toe wall | 1 | 73.000 | 0.500 | 1.200 | | 43.800 | |
| | CC Block apron U/s | 3*(76/1.5) | 1.500 | 1.500 | 0.900 | | 307.800 | |
| | CC Block apron D/s | 3*(76/1.5) | 1.500 | 1.500 | 0.900 | | 307.800 | |
| | Foundation curtain wall | 1 | 77.000 | 0.800 | 0.500 | | 30.800 | |
| | | 1 | 77.000 | 0.500 | 2.000 | | 77.000 | |
| | U/S boulders | 1 | 3.000 | 76.000 | 1.500 | | 342.000 | |
| | D/S boulders | 1 | 5.000 | 76.000 | 1.500 | | 570.000 | |
| | Abutments | 2 | 8.800 | 8.800 | 1.800 | | 278.785 | |
| | piers shutter portion | 1 | 5.000 | 60.000 | 2.100 | | 630.000 | |
| | | 1 | 7.000 | 60.000 | 2.000 | | 840.000 | |
| | | | | | | Total Quantity | 6734.794 cum | |
| | | | | | | Total Deducted Quantity | 0.000 cum | |
| | | | | | | Net Total Quantity | 6734.794 cum | |
| | | | | | | Say 6734.794 cum @ Rs 175.14 / cum | Rs 1179531.82 | |
| 3 | 12.25.6 Bored cast-in-situ M35 grade R.C.C. Pile Using Concrete Mixer excluding Reinforcement complete as per Drawing and Technical Specifications and removal of excavated earth with all lifts and lead upto 1000 m. Pile diameter-1200 mm | | | | | | | |
| | | | | | | average lengths | | |
| | left abutment | 4*4 | 10.200 | | | | 163.200 | |
| | right abutment | 4*4 | 16.000 | | | | 256.000 | |
| | P1 | 5*2 | 8.000 | | | | 80.000 | |
| | | 5*2 | 7.000 | | | | 70.000 | |
| | P3 | 5*2 | 15.000 | | | | 150.000 | |
| | P4 | 5*2 | 15.000 | | | | 150.000 | |
| | | | | | | Total Quantity | 869.200 metre | |
| | | | | | | Total Deducted Quantity | 0.000 metre | |
| | | | | | | Net Total Quantity | 869.200 metre | |
| | | | | | | Say 869.200 metre @ Rs 16112.82 / metre | Rs 14005263.14 | |
| 4 | 12.39 Providing and laying of PCC M15 leveling course 100 mm thick below the pile cap | | | | | | | |
| | abutmnts | 2 | 8.800 | 8.800 | 0.100 | | 15.489 | |

| | | | | | | | | |
|---|---|----|---------------|--------|-----------------|--|----------------------|--|
| | Piers | 4 | 11.100 | 3.900 | 0.100 | | 17.316 | |
| | pile projection | 40 | (3.14*.6*.6) | 0.050 | | | -2.260 | |
| | Total Quantity | | | | | | 32.805 cum | |
| | Total Deducted Quantity | | | | | | -2.260 cum | |
| | Net Total Quantity | | | | | | 30.545 cum | |
| | Say 30.545 cum @ Rs 7209.09 / cum | | | | | | Rs 220201.65 | |
| 5 | 12.38.C.2 Cement Concrete for Reinforced Concrete in Pile Cap complete as per Drawing and Technical Specification R C C Grade M-30- Using Batching Plant, Transit Mixer and Concrete Pump | | | | | | | |
| | Pile Cap -Piers | 4 | 11.100 | 3.900 | (90.221-88.421) | | 311.688 | |
| | pile projection | 40 | (3.14*.6*.6) | 0.050 | | | -2.260 | |
| | Total Quantity | | | | | | 311.688 cum | |
| | Total Deducted Quantity | | | | | | -2.260 cum | |
| | Net Total Quantity | | | | | | 309.428 cum | |
| | Say 309.428 cum @ Rs 8197.10 / cum | | | | | | Rs 2536412.26 | |
| 6 | 12.8.D.2.1 Plain/Reinforced Concrete in Open Foundation complete as per Drawing and Technical Specifications. PCC Grade M25 - With Batching Plant, Transit Mixer and Concrete Pump | | | | | | | |
| | B/n piers | 3 | 7.000 | 12.000 | 2.000 | | 504.000 | |
| | | 3 | 5.000 | 12.000 | 2.100 | | 378.000 | |
| | End vents | 2 | 7.000 | 7.400 | 2.000 | | 207.201 | |
| | | 2 | 5.000 | 7.400 | 2.000 | | 148.000 | |
| | Solid apron U/s | 1 | 4.000 | 76.000 | 1.000 | | 304.000 | |
| | Solid apron D/S | 1 | 7.000 | 76.000 | 1.500 | | 798.000 | |
| | | 1 | 6.000 | 76.000 | 1.400 | | 638.400 | |
| | D/S Toe wall foundation | 1 | 73.000 | 0.800 | 0.300 | | 17.520 | |
| | D/S Toe wall | 1 | 73.000 | 0.500 | 1.200 | | 43.800 | |
| | Total Quantity | | | | | | 3038.921 cum | |
| | Total Deducted Quantity | | | | | | 0.000 cum | |
| | Net Total Quantity | | | | | | 3038.921 cum | |

| | | | | | | | |
|----|--|------------|--------|--------|-------|--|-----------------------|
| | Say 3038.921 cum @ Rs 8010.32 / cum | | | | | | Rs 24342729.66 |
| 7 | 12.8.E.2 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications. RCC Grade M25 - With Batching Plant, Transit Mixer and Concrete Pump - (Without formwork) | | | | | | |
| | Abutments | 2 | 8.800 | 8.800 | 1.800 | | 278.785 |
| | Total Quantity | | | | | | 278.785 cum |
| | Total Deducted Quantity | | | | | | 0.000 cum |
| | Net Total Quantity | | | | | | 278.785 cum |
| | Say 278.785 cum @ Rs 7782.22 / cum | | | | | | Rs 2169566.20 |
| 8 | 15.5 Providing and laying Filter material underneath pitching in slopes complete as per drawing and Technical specification | | | | | | |
| | U/S | 1 | 4.650 | 80.000 | 0.600 | | 223.200 |
| | D/S | 1 | 4.650 | 80.000 | 0.600 | | 223.200 |
| | Total Quantity | | | | | | 446.400 cum |
| | Total Deducted Quantity | | | | | | 0.000 cum |
| | Net Total Quantity | | | | | | 446.400 cum |
| | Say 446.400 cum @ Rs 3425.30 / cum | | | | | | Rs 1529053.92 |
| 9 | 12.8.B.1 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications PCC Grade M20 | | | | | | |
| | CC Block apron U/s | 3*(76/1.5) | 1.500 | 1.500 | 0.900 | | 307.800 |
| | CC Block apron D/s | 3*(76/1.5) | 1.500 | 1.500 | 0.900 | | 307.800 |
| | Total Quantity | | | | | | 615.600 cum |
| | Total Deducted Quantity | | | | | | 0.000 cum |
| | Net Total Quantity | | | | | | 615.600 cum |
| | Say 615.600 cum @ Rs 8233.34 / cum | | | | | | Rs 5068444.10 |
| 10 | 15.10.B Curtain wall complete as per drawing and Technical Specification :- Cement concrete Grade M15 | | | | | | |
| | Foundation | 1 | 77.000 | 0.800 | 0.500 | | 30.800 |
| | | 1 | 77.000 | 0.500 | 2.000 | | 77.000 |
| | Total Quantity | | | | | | 107.800 cum |
| | Total Deducted Quantity | | | | | | 0.000 cum |

| | | | | | | | | |
|----|---|-----|----------------|--------|-------|--|----------------------|--|
| | Net Total Quantity | | | | | | 107.800 cum | |
| | Say 107.800 cum @ Rs 7504.48 / cum | | | | | | Rs 808982.94 | |
| 11 | 15.1.A Providing and laying boulders apron on river bed for protection against scour with stone boulders weighing not less than 40 kg each complete as per drawing and Technical specification. Boulder Laid Dry Without Wire Crates. | | | | | | | |
| | U/S | 1 | 3.000 | 76.000 | 1.500 | | 342.000 | |
| | D/S | 1 | 5.000 | 76.000 | 1.500 | | 570.000 | |
| | Total Quantity | | | | | | 912.000 cum | |
| | Total Deducted Quantity | | | | | | 0.000 cum | |
| | Net Total Quantity | | | | | | 912.000 cum | |
| | Say 912.000 cum @ Rs 2792.60 / cum | | | | | | Rs 2546851.20 | |
| 12 | 13.5.C.p.2 Plain/Reinforced cement concrete in sub-structure complete as per drawing and Technical Specifications PCC Grade M25 - With Batching Plant, Transit Mixer and Concrete Pump | | | | | | | |
| | weir b/n piers | 3 | (2+3)/2 | 12.000 | 0.500 | | 45.000 | |
| | Weir b/n end vents | 2 | (2+3)/2 | 7.400 | 0.500 | | 18.500 | |
| | Total Quantity | | | | | | 63.500 cum | |
| | Total Deducted Quantity | | | | | | 0.000 cum | |
| | Net Total Quantity | | | | | | 63.500 cum | |
| | Say 63.500 cum @ Rs 8492.86 / cum | | | | | | Rs 539296.61 | |
| 13 | 13.5.F.P.2 Plain/Reinforced cement concrete in sub-structure complete as per drawing and Technical Specifications RCC Grade M25 - With Batching Plant, Transit Mixer and Concrete Pump - Height upto 5m | | | | | | | |
| | Piers(Rectangular portion) | 4 | 8.400 | 2.300 | 5.000 | | 386.400 | |
| | Piers (Semi -circular portion) | 2*4 | .5*3.14*1.15 | | 5.000 | | 83.053 | |
| | Deduction for grooves | 8 | 0.500 | 0.300 | 5.000 | | -6.000 | |
| | abutment | | | | | | | |
| | stem | 2 | 8.800 | 1.200 | 5.000 | | 105.601 | |
| | end counterfort | 2*2 | 6.400 | 0.400 | 5.000 | | 51.201 | |
| | middle counterfort | 2*2 | (6.4+3.02)/2*5 | | 0.400 | | 37.680 | |
| | Total Quantity | | | | | | 663.935 cum | |

| | | | | | | | |
|-----------|---|------------------------------------|-------------------|-------|-------|----------------------|---------|
| | | Total Deducted Quantity | | | | -6.000 cum | |
| | | Net Total Quantity | | | | 657.935 cum | |
| | | Say 657.935 cum @ Rs 8560.45 / cum | | | | Rs 5632219.67 | |
| 14 | 13.5.F.q.2 Plain/Reinforced cement concrete in sub-structure complete as per drawing and Technical Specifications RCC Grade M25 - With Batching Plant, Transit Mixer and Concrete Pump - Height 5m to 10m | | | | | | |
| | Piers(Rectangular portion) | 4 | 8.400 | 2.300 | 4.779 | | 369.322 |
| | Piers (Semi -circular portion) | 2*4 | .5*3.14*1.15*1.15 | | 4.779 | | 79.383 |
| | Deduction for grooves | 8 | 0.500 | 0.300 | 4.779 | | -5.734 |
| abutment | | | | | | | |
| | stem | 2 | 8.800 | 1.200 | 4.479 | | 94.597 |
| | end counterfort | 2*2 | 6.400 | 0.400 | 4.479 | | 45.865 |
| | middle counterfort | 2*2 | (.5*3.02*4.479) | | 0.400 | | 10.822 |
| | | Total Quantity | | | | 599.989 cum | |
| | | Total Deducted Quantity | | | | -5.734 cum | |
| | | Net Total Quantity | | | | 594.255 cum | |
| | | Say 594.255 cum @ Rs 8840.60 / cum | | | | Rs 5253570.75 | |
| 15 | 14.1B.2 Furnishing and Placing Reinforced Cement Concrete Grade M25 Using Batching Plant, Transit Mixer and Concrete Pump in super-structure as per drawing and Technical Specification | | | | | | |
| | Elevated portion | 4 | 2.000 | 2.300 | 3.410 | | 62.744 |
| Dirt wall | | | | | | | |
| | horizontal leg | 2 | 8.800 | 1.200 | 0.300 | | 6.336 |
| | vertical leg | 2 | 8.800 | 0.400 | 1.456 | | 10.251 |
| | | Total Quantity | | | | 79.331 cum | |
| | | Total Deducted Quantity | | | | 0.000 cum | |
| | | Net Total Quantity | | | | 79.331 cum | |
| | | Say 79.331 cum @ Rs 7750.08 / cum | | | | Rs 614821.60 | |
| 16 | od335426/2020_2021 od236660/2020_2021 :Furnishing and Placing RCC Grade M35 Using Batching Plant, Transit Mixer and Concrete Pump as per drawing and Technical Specification. For T-beam & slab - Height above 10m as per MORTH 14.1D.2.2.C | | | | | | |
| | Deck slab | 5 | 12.000 | 6.250 | 0.225 | | 84.375 |

| | | | | | | | | |
|----|--|-----|--------|-----------|-------|--|----------------------|--|
| | End Diaphragm | 6 | 2.700 | 0.650 | 0.300 | | 3.159 | |
| | Girder(top and bottom) Trapezoidal portion | 2*5 | 12.000 | (.3+.5)/2 | | | 48.001 | |
| | Girder centre portion | 2*5 | 12.000 | 0.300 | 0.720 | | 25.920 | |
| | Girder bottom rectangular | 2*5 | 12.000 | 0.500 | 0.200 | | 12.001 | |
| | pedestal | 5*4 | 0.600 | 0.600 | 0.300 | | 2.160 | |
| | Total Quantity | | | | | | 175.616 cum | |
| | Total Deducted Quantity | | | | | | 0.000 cum | |
| | Net Total Quantity | | | | | | 175.616 cum | |
| | Say 175.616 cum @ Rs 8999.09 / cum | | | | | | Rs 1580384.19 | |
| 17 | od259118/2020_2021 Construction of RCC railing of M35 Grade in-situ with 20 mm nominal size aggregate, true to line and grade, tolerance of vertical RCC post not to exceed 1 in 500, center to center spacing between vertical post not to exceed 2000 mm, leaving adequate space between the vertical post for expansion, complete as per approved drawings and technical specifications. as per MORTH 14.7 | | | | | | | |
| | | 2 | 73.000 | | | | 146.000 | |
| | Total Quantity | | | | | | 146.000 metre | |
| | Total Deducted Quantity | | | | | | 0.000 metre | |
| | Net Total Quantity | | | | | | 146.000 metre | |
| | Say 146.000 metre @ Rs 1933.80 / metre | | | | | | Rs 282334.80 | |
| 18 | od258568/2020_2021 od237317/2020_2021 :Furnishing and Placing RCC Grade M35 in super-structures Using Batching Plant, Transit Mixer, and Concrete Pump as per drawing and Technical Specification.Height above 10m as per MORTH 13.5.H.q.2 | | | | | | | |
| | Kerb | 2*5 | 12.000 | 0.475 | 0.275 | | 15.675 | |
| | Total Quantity | | | | | | 15.675 cum | |
| | Total Deducted Quantity | | | | | | 0.000 cum | |
| | Net Total Quantity | | | | | | 15.675 cum | |
| | Say 15.675 cum @ Rs 7777.84 / cum | | | | | | Rs 121917.64 | |
| 19 | 14.9 Drainage Spouts complete as per drawing and Technical specification | | | | | | | |
| | | 4*5 | | | | | 20.000 | |
| | Total Quantity | | | | | | 20.000 no | |
| | Total Deducted Quantity | | | | | | 0.000 no | |

| | | | | | | | | | |
|----|---|--|--------|--------|---------------------|------|----------------|---------------------|--|
| | | Net Total Quantity | | | | | | 20.000 no | |
| | | Say 20.000 no @ Rs 4513.00 / no | | | | | | Rs 90260.00 | |
| 20 | od335427/2020_2021 Providing and laying of a strip seal expansion joint catering to maximum horizontal movement up to 70 mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorized representative ensuring compliance to the manufacturer's instructions for installation (14.22) | | | | | | | | |
| | | 6 | 6.250 | | | | 37.500 | | |
| | | Total Quantity | | | | | | 37.500 metre | |
| | | Total Deducted Quantity | | | | | | 0.000 metre | |
| | | Net Total Quantity | | | | | | 37.500 metre | |
| | | Say 37.500 metre @ Rs 9970.65 / metre | | | | | | Rs 373899.38 | |
| 21 | od335428/2020_2021 Providing and laying Cement concrete wearing coat M-30 grade including reinforcement complete as per drawing and Technical Specifications. | | | | | | | | |
| | | 5 | 12.000 | 6.250 | 0.050 | | 18.750 | | |
| | | Total Quantity | | | | | | 18.750 cum | |
| | | Total Deducted Quantity | | | | | | 0.000 cum | |
| | | Net Total Quantity | | | | | | 18.750 cum | |
| | | Say 18.750 cum @ Rs 14448.87 / cum | | | | | | Rs 270916.31 | |
| 22 | 13.14 Supplying, fitting and fixing in position true to line and level elastomeric bearing conforming to IRC: 83 (Part-II) section IX and clause 2005 of MoRTH specifications complete including all accessories as per drawing and Technical Specifications. | | | | | | | | |
| | | 5*4 | 40.000 | 40.000 | 10.000 | | 320000.00 0 | | |
| | | Total Quantity | | | | | | 320000.000 Cum cm | |
| | | Total Deducted Quantity | | | | | | 0.000 Cum cm | |
| | | Net Total Quantity | | | | | | 320000.000 Cum cm | |
| | | Say 320000.000 Cum cm @ Rs 0.88 / Cum cm | | | | | | Rs 281600.00 | |
| 23 | 12.40 Supply, Fitting and Placing un- coated HYSD bar Reinforcement in Foundation complete as per Drawing and Technical Specifications | | | | | | | | |
| | Pile Cap -Piers | 4 | 11.100 | 3.900 | (90.221- 88.421) | 0.16 | 49.871 | | |
| | B/n piers | 3 | 7.000 | 12.000 | 2.000 | 0.04 | 20.160 | | |
| | | 3 | 5.000 | 12.000 | 2.100 | 0.04 | 15.121 | | |

| | | | | | | | | |
|----|---|------------|-------------------|--------|-------|-----------------------------------|-----------------------|--|
| | End vents | 2 | 7.000 | 7.400 | 2.000 | 0.04 | 8.288 | |
| | | 2 | 5.000 | 7.400 | 2.000 | 0.04 | 5.920 | |
| | Solid apron U/s | 1 | 4.000 | 76.000 | 1.000 | 0.04 | 12.160 | |
| | Solid apron D/S | 1 | 7.000 | 76.000 | 1.500 | 0.04 | 31.920 | |
| | | 1 | 6.000 | 76.000 | 1.400 | 0.04 | 25.536 | |
| | D/S Toe wall foundation | 1 | 73.000 | 0.800 | 0.300 | 0.04 | 0.701 | |
| | D/S Toe wall | 1 | 73.000 | 0.500 | 1.200 | 0.04 | 1.752 | |
| | CC Block apron U/s | 3*(76/1.5) | 1.500 | 1.500 | 0.900 | 0.04 | 12.313 | |
| | CC Block apron D/s | 3*(76/1.5) | 1.500 | 1.500 | 0.900 | 0.04 | 12.313 | |
| | pile | 869.2 | 3.14*.6*.6 | | | 0.12 | 117.906 | |
| | Abutments | 2 | 8.800 | 8.800 | 1.800 | 0.16 | 44.606 | |
| | | | | | | Total Quantity | 358.567 MT | |
| | | | | | | Total Deducted Quantity | 0.000 MT | |
| | | | | | | Net Total Quantity | 358.567 MT | |
| | | | | | | Say 358.567 MT @ Rs 74208.34 / MT | Rs 26608661.85 | |
| 24 | 13.6 Supplying, fitting and placing HYSD bar reinforcement in sub-structure complete as per drawing and Technical Specifications | | | | | | | |
| | weir b/n piers | 3 | (2+3)/2 | 12.000 | 0.500 | 0.04 | 1.800 | |
| | Weir b/n end vents | 2 | (2+3)/2 | 7.400 | 0.500 | 0.04 | 0.740 | |
| | Piers(Rectangular portion) | 4 | 8.400 | 2.300 | 5.000 | 0.16 | 61.824 | |
| | Piers (Semi -circular portion) | 2*4 | .5*3.14*1.15*1.15 | | 5.000 | 0.16 | 13.289 | |
| | | | | | | abutment | | |
| | stem | 2 | 8.800 | 1.200 | 5.000 | 0.16 | 16.896 | |
| | end counterfort | 2*2 | 6.400 | 0.400 | 5.000 | 0.16 | 8.193 | |
| | middle counterfort | 2*2 | (6.4+3.02)/2*5 | | 0.400 | 0.16 | 6.029 | |
| | | | | | | Total Quantity | 108.771 MT | |
| | | | | | | Total Deducted Quantity | 0.000 MT | |
| | | | | | | Net Total Quantity | 108.771 MT | |
| | | | | | | Say 108.771 MT @ Rs 74484.41 / MT | Rs 8101743.76 | |
| 25 | 14.2 | | | | | | | |

| | | | | | | | | | |
|----|---|-----|-------------------|-----------|-------|------|-----------------------|--|--|
| | Supplying, fitting and placing HYSD bar reinforcement in super-structure complete as per drawing and technical specifications | | | | | | | | |
| | Elevated portion | 4 | 2.000 | 2.300 | 3.410 | 0.16 | 10.040 | | |
| | Deck slab | 5 | 12.000 | 6.250 | 0.225 | 0.18 | 15.188 | | |
| | End Diaphragm | 6 | 2.700 | 0.650 | 0.300 | 0.18 | 0.569 | | |
| | Girder(top and bottom) Trapezoidal portion | 2*5 | 12.000 | (.3+.5)/2 | | 0.18 | 8.640 | | |
| | Girder centre portion | 2*5 | 12.000 | 0.300 | 0.720 | 0.18 | 4.666 | | |
| | Girder bottom rectangular | 2*5 | 12.000 | 0.500 | 0.200 | 0.18 | 2.160 | | |
| | pedestal | 5*4 | 0.600 | 0.600 | 0.300 | 0.18 | 0.389 | | |
| | Kerb | 2*5 | 12.000 | 0.475 | 0.275 | 0.15 | 2.352 | | |
| | abutment | | | | | | | | |
| | stem | 2 | 8.800 | 1.200 | 4.479 | 0.16 | 15.136 | | |
| | end counterfort | 2*2 | 6.400 | 0.400 | 4.479 | 0.16 | 7.339 | | |
| | middle counterfort | 2*2 | (.5*3.02*4.479) | | 0.400 | 0.16 | 1.732 | | |
| | Dirt wall | | | | | | | | |
| | horizontal leg | 2 | 8.800 | 1.200 | 0.300 | 0.16 | 1.014 | | |
| | vertical leg | 2 | 8.800 | 0.400 | 1.456 | 0.16 | 1.641 | | |
| | Piers(Rectangular portion) | 4 | 8.400 | 2.300 | 4.779 | 0.16 | 59.092 | | |
| | Piers (Semi -circular portion) | 2*4 | .5*3.14*1.15*1.15 | | 4.779 | 0.16 | 12.702 | | |
| | Total Quantity | | | | | | 142.660 MT | | |
| | Total Deducted Quantity | | | | | | 0.000 MT | | |
| | Net Total Quantity | | | | | | 142.660 MT | | |
| | Say 142.660 MT @ Rs 76518.67 / MT | | | | | | Rs 10916153.46 | | |
| 26 | 14.16 Providing and applying 2 coats of water based cement paint to unplastered concrete surface after cleaning the surface of dirt, dust, oil, grease, efflorescence and applying paint @ of 1 litre for 2 sqm. | | | | | | | | |
| | | 1 | 62.000 | 1.200 | | | 74.400 | | |
| | Total Quantity | | | | | | 74.400 sqm | | |
| | Total Deducted Quantity | | | | | | 0.000 sqm | | |
| | Net Total Quantity | | | | | | 74.400 sqm | | |

| SI No | Description | No | L | B | D | CF | Quantity | Remark |
|-------------------------------------|---|----|---------|-------|-------|----|----------------------|--------|
| Say 74.400 sqm @ Rs 210.68 / sqm | | | | | | | Rs 15674.59 | |
| 3 3 Appendix C-Approach Road | | | | | | | | |
| 1 | 3.16 Construction of embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of table 300-2. | | | | | | | |
| | Right Side | 1 | 150.000 | 9.000 | 1.000 | | 1350.000 | |
| | Left Side | 1 | 150.000 | 9.000 | 1.000 | | 1350.000 | |
| Total Quantity | | | | | | | 2700.000 cum | |
| Total Deducted Quantity | | | | | | | 0.000 cum | |
| Net Total Quantity | | | | | | | 2700.000 cum | |
| Say 2700.000 cum @ Rs 413.24 / cum | | | | | | | Rs 1115748.00 | |
| 2 | 4.1.A.1 Construction of granular sub-base by providing graded Material, mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 Grading-I - Plant Mix Method | | | | | | | |
| | Right Side | 1 | 150.000 | 6.000 | 0.500 | | 450.000 | |
| | Left Side | 1 | 150.000 | 6.000 | 0.500 | | 450.000 | |
| Total Quantity | | | | | | | 900.000 cum | |
| Total Deducted Quantity | | | | | | | 0.000 cum | |
| Net Total Quantity | | | | | | | 900.000 cum | |
| Say 900.000 cum @ Rs 3205.82 / cum | | | | | | | Rs 2885238.00 | |
| 3 | 4.12 Providing, laying, spreading and compacting graded stone aggregate to Wet Mix Macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density. | | | | | | | |
| | Right Side | 1 | 150.000 | 6.000 | 0.150 | | 135.000 | |
| | Left Side | 1 | 150.000 | 6.000 | 0.150 | | 135.000 | |
| Total Quantity | | | | | | | 270.000 cum | |
| Total Deducted Quantity | | | | | | | 0.000 cum | |
| Net Total Quantity | | | | | | | 270.000 cum | |
| Say 270.000 cum @ Rs 3115.47 / cum | | | | | | | Rs 841176.90 | |

| | | | | | | | | | | |
|---|--|------------------------------------|---|--|--|--|--|-------------------|-------|--|
| 4 | 8.4.2 Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign with 7years warranty manufactured as per IRC :67 made of Type IV micro prismatic grade sheeting vide clause 801.3.3 fixed over aluminium sheeting, 2 mm thick/ aluminium composit material sheeting 4 mm thick with suitable back supporting frame of MS angle 25x25x3 and supported on GI pipe pole 50mm NB confirming to IS 1239 firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete min size 45 cm x 45 cm x 60 cm, 60 cm below ground level including painting all exposed surface with 2 coats of epoxy painting over epoxy primer and as per approved drawing and clause 801 including lettering symbols etc. 60 cm equilateral triangle | | | | | | | | | |
| | | | 2 | | | | | | 2.000 | |
| | | Total Quantity | | | | | | 2.000 each | | |
| | | Total Deducted Quantity | | | | | | 0.000 each | | |
| | | Net Total Quantity | | | | | | 2.000 each | | |
| | | Say 2.000 each @ Rs 3292.44 / each | | | | | | Rs 6584.88 | | |
| 5 | 8.4.3 Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign with 7years warranty manufactured as per IRC :67 made of Type IV micro prismatic grade sheeting vide clause 801.3.3 fixed over aluminium sheeting, 2 mm thick/ aluminium composit material sheeting 4 mm thick with suitable back supporting frame of MS angle 25x25x3 and supported on GI pipe pole 50mm NB confirming to IS 1239 firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete min size 45 cm x 45 cm x 60 cm, 60 cm below ground level including painting all exposed surface with 2 coats of epoxy painting over epoxy primer and as per approved drawing and clause 801 including lettering symbols etc. 60 cm circular | | | | | | | | | |
| | | | 2 | | | | | | 2.000 | |
| | | Total Quantity | | | | | | 2.000 each | | |
| | | Total Deducted Quantity | | | | | | 0.000 each | | |
| | | Net Total Quantity | | | | | | 2.000 each | | |
| | | Say 2.000 each @ Rs 3890.05 / each | | | | | | Rs 7780.10 | | |
| 6 | 8.4.4 Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign with 7years warranty manufactured as per IRC :67 made of Type IV micro prismatic grade sheeting vide clause 801.3.3 fixed over aluminium sheeting, 2 mm thick/ aluminium composit material sheeting 4 mm thick with suitable back supporting frame of MS angle 25x25x3 and supported on GI pipe pole 50mm NB confirming to IS 1239 firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete min size 45 cm x 45 cm x 60 cm, 60 cm below ground level including painting all exposed surface with 2 coats of epoxy painting over epoxy primer and as per approved drawing and clause 801 including lettering symbols etc. 80 mm x 60 mm rectangular | | | | | | | | | |
| | | | 2 | | | | | | 2.000 | |

| | | | | | | | |
|----|--|---|---------|-------|--|------------------------------------|---------------------|
| | | | | | | Total Quantity | 2.000 each |
| | | | | | | Total Deducted Quantity | 0.000 each |
| | | | | | | Net Total Quantity | 2.000 each |
| | | | | | | Say 2.000 each @ Rs 4817.08 / each | Rs 9634.16 |
| 7 | 8.11.1 Painting lines, dashes, arrows etc on roads in two coats on new work with ready mixed road marking paint conforming to IS:164 on bituminous surface, including cleaning the surface of all dirt, dust and other foreign matter, demarcation at site and traffic control Over 10 cm in width | | | | | | |
| | | 1 | 100.000 | 0.100 | | | 10.000 |
| | | | | | | Total Quantity | 10.000 sqm |
| | | | | | | Total Deducted Quantity | 0.000 sqm |
| | | | | | | Net Total Quantity | 10.000 sqm |
| | | | | | | Say 10.000 sqm @ Rs 183.48 / sqm | Rs 1834.80 |
| 8 | 5.1.a Providing and applying primer coat with bitumen emulsion (SS) on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.70 - 1.0 kg/sqm using mechanical means. | | | | | | |
| | Right Side | 1 | 150.000 | 6.000 | | | 900.000 |
| | Left Side | 1 | 150.000 | 6.000 | | | 900.000 |
| | | | | | | Total Quantity | 1800.000 sqm |
| | | | | | | Total Deducted Quantity | 0.000 sqm |
| | | | | | | Net Total Quantity | 1800.000 sqm |
| | | | | | | Say 1800.000 sqm @ Rs 57.93 / sqm | Rs 104274.00 |
| 9 | 5.2.a Providing and applying tack coat with bitumen emulsion(RS) using emulsion pressure distributor at the rate of 0.20 - 0.30 kg per sqm on the prepared bituminous surface cleaned with mechanical broom. | | | | | | |
| | Right Side | 1 | 150.000 | 6.000 | | | 900.000 |
| | Left Side | 1 | 150.000 | 6.000 | | | 900.000 |
| | | | | | | Total Quantity | 1800.000 sqm |
| | | | | | | Total Deducted Quantity | 0.000 sqm |
| | | | | | | Net Total Quantity | 1800.000 sqm |
| | | | | | | Say 1800.000 sqm @ Rs 11.42 / sqm | Rs 20556.00 |
| 10 | 8.4.1 Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign with 7years warranty manufactured as per IRC :67 made of Type IV micro prismatic grade sheeting vide clause | | | | | | |

| | | | | | | | |
|----|---|-----|---------|-----------|-------|--|-----------------------|
| | 801.3.3 fixed over aluminium sheeting, 2 mm thick/ aluminium composit material sheeting 4 mm thick with suitable back supporting frame of MS angle 25x25x3 and supported on GI pipe pole 50mm NB confirming to IS 1239 firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete min size 45 cm x 45 cm x 60 cm, 60 cm below ground level including painting all exposed surface with 2 coats of epoxy painting over epoxy primer and as per approved drawing and clause 801 including lettering symbols etc. 90 cm equilateral triangle | | | | | | |
| | | 2*2 | | | | | 4.000 |
| | Total Quantity | | | | | | 4.000 each |
| | Total Deducted Quantity | | | | | | 0.000 each |
| | Net Total Quantity | | | | | | 4.000 each |
| | Say 4.000 each @ Rs 4205.34 / each | | | | | | Rs 16821.36 |
| 11 | od256478/2020_2021 Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas exceeding 30 cm in depth, including disposal of excavated earth, with all lead and lift, disposed earth to be levelled and neatly dressed and as directed by Engineer in charge.All kinds of soil | | | | | | |
| | right bank | 2 | 150.000 | 3.500 | 0.800 | | 840.000 |
| | left bank | 2 | 150.000 | 3.500 | 0.800 | | 840.000 |
| | Total Quantity | | | | | | 1680.000 cum |
| | Total Deducted Quantity | | | | | | 0.000 cum |
| | Net Total Quantity | | | | | | 1680.000 cum |
| | Say 1680.000 cum @ Rs 175.14 / cum | | | | | | Rs 294235.20 |
| 12 | 12.8.A.1 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications. PCC Grade M15 | | | | | | |
| | right bank | 2 | 150.000 | 3.500 | 0.800 | | 840.000 |
| | left bank | 2 | 150.000 | 3.500 | 0.800 | | 840.000 |
| | Total Quantity | | | | | | 1680.000 cum |
| | Total Deducted Quantity | | | | | | 0.000 cum |
| | Net Total Quantity | | | | | | 1680.000 cum |
| | Say 1680.000 cum @ Rs 7504.48 / cum | | | | | | Rs 12607526.40 |
| 13 | 13.5.B Plain/Reinforced Cement Concrete in sub-structure complete as per drawing and Technical Specifications PCC Grade M20 - Height upto 5m | | | | | | |
| | right bank | 2 | 150.000 | (.5+.4)/2 | 5.000 | | 675.000 |

| | left bank | 2 | 150.000 | (.5+.4)/2 | 5.000 | | 675.000 | | |
|--|--|----|---------|-----------|-------|------|-----------------------|--------|--|
| | Total Quantity | | | | | | 1350.000 cum | | |
| | Total Deducted Quantity | | | | | | 0.000 cum | | |
| | Net Total Quantity | | | | | | 1350.000 cum | | |
| | Say 1350.000 cum @ Rs 8708.35 / cum | | | | | | Rs 11756272.50 | | |
| 14 | 12.40 Supply, Fitting and Placing un- coated HYSD bar Reinforcement in Foundation complete as per Drawing and Technical Specifications | | | | | | | | |
| | right bank | 2 | 150.000 | 3.500 | 0.800 | 0.04 | 33.600 | | |
| | left bank | 2 | 150.000 | 3.500 | 0.800 | 0.04 | 33.600 | | |
| | Total Quantity | | | | | | 67.200 MT | | |
| | Total Deducted Quantity | | | | | | 0.000 MT | | |
| | Net Total Quantity | | | | | | 67.200 MT | | |
| | Say 67.200 MT @ Rs 74208.34 / MT | | | | | | Rs 4986800.45 | | |
| 15 | 13.6 Supplying, fitting and placing HYSD bar reinforcement in sub-structure complete as per drawing and Technical Specifications | | | | | | | | |
| | right bank | 2 | 150.000 | (.5+.4)/2 | 5.000 | 0.04 | 27.000 | | |
| | left bank | 2 | 150.000 | (.5+.4)/2 | 5.000 | 0.04 | 27.000 | | |
| | Total Quantity | | | | | | 54.000 MT | | |
| | Total Deducted Quantity | | | | | | 0.000 MT | | |
| | Net Total Quantity | | | | | | 54.000 MT | | |
| | Say 54.000 MT @ Rs 74484.41 / MT | | | | | | Rs 4022158.14 | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Remark | |
| 4 4 Appendix D-River Protection Works | | | | | | | | | |
| 1 | od264902/2020_2021 Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas exceeding 30 cm in depth, including disposal of excavated earth, with all lead and lift, disposed earth to be levelled and neatly dressed.All kinds of soil | | | | | | | | |
| | u/s side | 2 | 200.000 | 4.200 | 7.000 | | 11760.000 | | |
| | d/s side right bank | 1 | 55.000 | 4.200 | 7.000 | | 1617.000 | | |
| | d/s side left bank | 1 | 109.000 | 4.200 | 7.000 | | 3204.600 | | |
| | Total Quantity | | | | | | 16581.600 cum | | |
| | Total Deducted Quantity | | | | | | 0.000 cum | | |
| | Net Total Quantity | | | | | | 16581.600 cum | | |

| | | | | | | | |
|---|---|---|---------|-----------|-------|------|-----------------------|
| | Say 16581.600 cum @ Rs 209.43 / cum | | | | | | Rs 3472684.49 |
| 2 | 12.8.E.2.1 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications. RCC Grade M25 - With Batching Plant, Transit Mixer and Concrete Pump | | | | | | |
| | u/s side | 2 | 200.000 | 4.200 | 0.800 | | 1344.000 |
| | d/s side right bank | 1 | 55.000 | 4.200 | 0.800 | | 184.800 |
| | d/s side left bank | 1 | 109.000 | 4.200 | 0.800 | | 366.240 |
| | Total Quantity | | | | | | 1895.040 cum |
| | Total Deducted Quantity | | | | | | 0.000 cum |
| | Net Total Quantity | | | | | | 1895.040 cum |
| | Say 1895.040 cum @ Rs 8074.06 / cum | | | | | | Rs 15300666.66 |
| 3 | 13.5.F.P.2 Plain/Reinforced cement concrete in sub-structure complete as per drawing and Technical Specifications RCC Grade M25 - With Batching Plant, Transit Mixer and Concrete Pump - Height upto 5m | | | | | | |
| | u/s side | 2 | 200.000 | (.6+.5)/2 | 6.000 | | 1320.001 |
| | d/s side right bank | 1 | 55.000 | (.6+.5)/2 | 6.000 | | 181.501 |
| | | 1 | 45.000 | 0.300 | 0.750 | | 10.125 |
| | d/s side left bank | 1 | 109.000 | (.6+.5)/2 | 6.000 | | 359.701 |
| | Total Quantity | | | | | | 1871.328 cum |
| | Total Deducted Quantity | | | | | | 0.000 cum |
| | Net Total Quantity | | | | | | 1871.328 cum |
| | Say 1871.328 cum @ Rs 8560.45 / cum | | | | | | Rs 16019409.78 |
| 4 | 12.40 Supply, Fitting and Placing un- coated HYSD bar Reinforcement in Foundation complete as per Drawing and Technical Specifications | | | | | | |
| | u/s side | 2 | 200.000 | 4.200 | 0.800 | 0.05 | 67.200 |
| | d/s side right bank | 1 | 55.000 | 4.200 | 0.800 | 0.05 | 9.240 |
| | d/s side left bank | 1 | 109.000 | 4.200 | 0.800 | 0.05 | 18.312 |
| | Total Quantity | | | | | | 94.752 MT |
| | Total Deducted Quantity | | | | | | 0.000 MT |
| | Net Total Quantity | | | | | | 94.752 MT |
| | Say 94.752 MT @ Rs 74208.34 / MT | | | | | | Rs 7031388.63 |
| 5 | 13.6 Supplying, fitting and placing HYSD bar reinforcement in sub-structure complete as per drawing and Technical Specifications | | | | | | |

| | u/s side | 2 | 200.000 | (.6+.5)/2 | 6.000 | 0.05 | 66.001 | |
|--|---|----|---------|-----------|-------|------|----------------------|--------|
| | d/s side right bank | 1 | 55.000 | (.6+.5)/2 | 6.000 | 0.05 | 9.076 | |
| | | 1 | 45.000 | 0.300 | 0.750 | 0.05 | 0.507 | |
| | d/s side left bank | 1 | 109.000 | (.6+.5)/2 | 6.000 | 0.05 | 17.986 | |
| Total Quantity | | | | | | | 93.570 MT | |
| Total Deducted Quantity | | | | | | | 0.000 MT | |
| Net Total Quantity | | | | | | | 93.570 MT | |
| Say 93.570 MT @ Rs 74484.41 / MT | | | | | | | Rs 6969506.24 | |
| SI No | Description | No | L | B | D | CF | Quantity | Remark |
| 5 Appendix E: Operator cum Generator Room | | | | | | | | |
| 1 | 2.8.1 Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil | | | | | | | |
| | | 1 | 45.000 | 0.800 | 0.700 | | 25.200 | |
| RAMP | | | | | | | | |
| | | 2 | 2.000 | 0.450 | 0.300 | | 0.540 | |
| | | 1 | 4.000 | 0.450 | 0.300 | | 0.540 | |
| Step | | | | | | | | |
| | | 1 | 1.200 | 0.600 | 0.100 | | 0.072 | |
| Total Quantity | | | | | | | 26.352 cum | |
| Total Deducted Quantity | | | | | | | 0.000 cum | |
| Net Total Quantity | | | | | | | 26.352 cum | |
| Say 26.352 cum @ Rs 218.08 / cum | | | | | | | Rs 5746.84 | |
| 2 | 4.1.8 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size) | | | | | | | |
| | Foundation PCC | 1 | 45.000 | 0.800 | 0.100 | | 3.600 | |
| | Generator Room | 1 | 4.020 | 5.100 | 0.075 | | 1.538 | |
| | Watchman room | 1 | 3.100 | 5.100 | 0.075 | | 1.186 | |
| | Store room | 1 | 2.700 | 2.500 | 0.075 | | 0.507 | |
| | Toilet room | 1 | 2.620 | 2.500 | 0.075 | | 0.492 | |
| Ramp | | | | | | | | |

| | | | | | | | | |
|---|---|---|--------|-------|-------|--|---------------------|--|
| | | 2 | 2.000 | 0.450 | 0.100 | | 0.181 | |
| | | 1 | 4.000 | 0.450 | 0.100 | | 0.181 | |
| | Above filling | 1 | 3.600 | 2.000 | 0.100 | | 0.721 | |
| | Step | | | | | | | |
| | | 1 | 1.200 | 0.600 | 0.100 | | 0.072 | |
| | Total Quantity | | | | | | 8.478 cum | |
| | Total Deducted Quantity | | | | | | 0.000 cum | |
| | Net Total Quantity | | | | | | 8.478 cum | |
| | Say 8.478 cum @ Rs 5869.06 / cum | | | | | | Rs 49757.89 | |
| 3 | 7.1.1 Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) up to plinth level with:Cement mortar 1:6 (1 cement : 6 coarse sand) | | | | | | | |
| | Foundation | 1 | 45.000 | 0.600 | 0.600 | | 16.200 | |
| | Basement | 1 | 45.000 | 0.450 | 0.450 | | 9.113 | |
| | Total Quantity | | | | | | 25.313 cum | |
| | Total Deducted Quantity | | | | | | 0.000 cum | |
| | Net Total Quantity | | | | | | 25.313 cum | |
| | Say 25.313 cum @ Rs 5197.64 / cum | | | | | | Rs 131567.86 | |
| 4 | 5.1.2 Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level:1:1:5:3 (1 cement 1.5 coarse sand :3 graded stone aggregate 20 mm nominal size) | | | | | | | |
| | Plinth belt | 1 | 45.000 | 0.300 | 0.150 | | 2.025 | |
| | Total Quantity | | | | | | 2.025 cum | |
| | Total Deducted Quantity | | | | | | 0.000 cum | |
| | Net Total Quantity | | | | | | 2.025 cum | |
| | Say 2.025 cum @ Rs 8145.84 / cum | | | | | | Rs 16495.33 | |
| 5 | 5.9.1 Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete | | | | | | | |
| | Plinth belt | 2 | 45.000 | | 0.150 | | 13.500 | |
| | Total Quantity | | | | | | 13.500 sqm | |
| | Total Deducted Quantity | | | | | | 0.000 sqm | |
| | Net Total Quantity | | | | | | 13.500 sqm | |

| | | | | | | | | |
|---|--|---|-------|-------|------------|-----|-------------------|--|
| | Say 13.500 sqm @ Rs 254.19 / sqm | | | | | | Rs 3431.57 | |
| 6 | 50.6.1.1 Solid block masonry using pre cast solid blocks (factory made) of size 40x20x20cm or nearest available size confirming to IS 2185 part 1 of 1979 for foundation and plinth with thickness 20 cm and above in: CM 1:6 (1 cement : 6 coarse sand) etc complete | | | | | | | |
| | Ramp | | | | | | | |
| | Base | 2 | 2.000 | 0.450 | 0.200 | | 0.361 | |
| | | 1 | 4.000 | 0.450 | 0.200 | | 0.361 | |
| | | 2 | 2.000 | 0.200 | (0+0.35)/2 | | 0.140 | |
| | Step | | | | | | | |
| | Step 1 | 1 | 1.200 | 0.600 | 0.150 | | 0.108 | |
| | Step 2 | 1 | 1.200 | 0.300 | 0.150 | | 0.054 | |
| | Total Quantity | | | | | | 1.024 cum | |
| | Total Deducted Quantity | | | | | | 0.000 cum | |
| | Net Total Quantity | | | | | | 1.024 cum | |
| | Say 1.024 cum @ Rs 5077.44 / cum | | | | | | Rs 5199.30 | |
| 7 | 2.25 Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m. | | | | | | | |
| | Ramp | 1 | 3.600 | 2.000 | (0+0.45)/2 | | 1.620 | |
| | Total Quantity | | | | | | 1.620 cum | |
| | Total Deducted Quantity | | | | | | 0.000 cum | |
| | Net Total Quantity | | | | | | 1.620 cum | |
| | Say 1.620 cum @ Rs 164.81 / cum | | | | | | Rs 266.99 | |
| 8 | 50.6.7.2 Laterate masonry with neatly dressed laterate stone of size 40x20x15cm or nearest size in cement mortar 1:6 for super structure above plinth level up to floor two level including all cost of materials, labour charges etc. | | | | | | | |
| | Long wall-1 | 2 | 7.720 | 0.200 | 3.600 | | 11.117 | |
| | Short wall-1 | 3 | 5.500 | 0.200 | 3.600 | | 11.880 | |
| | Gable wall | 3 | 5.500 | 0.200 | 1.000 | 0.5 | 1.651 | |
| | Rear side | 3 | 2.700 | 0.200 | 3.000 | | 4.860 | |
| | | 1 | 5.900 | 0.200 | 3.000 | | 3.541 | |
| | Gable wall | 3 | 2.700 | 0.200 | 0.600 | 0.5 | 0.486 | |

| | | | | | | | | |
|----|--|-------|--------|-------|-------|-------|---------------------|--|
| | Door (D1&D2) | 3 | 0.900 | 0.200 | 2.100 | | -1.134 | |
| | R.S | 1 | 4.000 | 0.200 | 2.700 | | -2.160 | |
| | Window | 6 | 1.100 | 0.200 | 1.500 | | -1.980 | |
| | Ventilator | 2 | 0.600 | 0.200 | 0.400 | | -0.096 | |
| | Lintel | 1 | 45.000 | 0.200 | 0.150 | | -1.349 | |
| | Total Quantity | | | | | | 33.535 cum | |
| | Total Deducted Quantity | | | | | | -6.719 cum | |
| | Net Total Quantity | | | | | | 26.816 cum | |
| | Say 26.816 cum @ Rs 6705.70 / cum | | | | | | Rs 179820.05 | |
| 9 | 5.3 Reinforced cement concrete work in beams, suspended floors, roofs, having slope up to 15 ⁰ landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (Zone III) : 3 graded stone aggregate 20 mm nominal size). | | | | | | | |
| | Lintel | 1 | 45.000 | 0.200 | 0.150 | | 1.350 | |
| | Total Quantity | | | | | | 1.350 cum | |
| | Total Deducted Quantity | | | | | | 0.000 cum | |
| | Net Total Quantity | | | | | | 1.350 cum | |
| | Say 1.350 cum @ Rs 9686.38 / cum | | | | | | Rs 13076.61 | |
| 10 | 5.9.5 Centering and shuttering including strutting, etc. and removal of form for: Lintels, beams, plinth beams, girders bressumers and cantilevers | | | | | | | |
| | Lintel | 2 | 45.000 | | 0.150 | | 13.500 | |
| | Total Quantity | | | | | | 13.500 sqm | |
| | Total Deducted Quantity | | | | | | 0.000 sqm | |
| | Net Total Quantity | | | | | | 13.500 sqm | |
| | Say 13.500 sqm @ Rs 449.40 / sqm | | | | | | Rs 6066.90 | |
| 11 | 5.22.6 Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars of grade Fe-500D or more | | | | | | | |
| | Plinth belt | 2.025 | | | | 80.0 | 162.000 | |
| | Lintel | 1.35 | | | | 100.0 | 135.000 | |
| | Total Quantity | | | | | | 297.000 kilogram | |
| | Total Deducted Quantity | | | | | | 0.000 kilogram | |
| | Net Total Quantity | | | | | | 297.000 kilogram | |

| | | Say 297.000 kilogram @ Rs 74.18 / kilogram | | | | | Rs 22031.46 | |
|----|--|--|--------|-------|------------|-----|-------------|--|
| 12 | 13.1.1 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand) | | | | | | | |
| | Long wall-1 | 2*2 | 7.720 | | 3.600 | | 111.168 | |
| | Short wall-1 | 3*2 | 5.500 | | 3.600 | | 118.801 | |
| | Gable wall | 3*2 | 5.500 | | 1.000 | 0.5 | 16.500 | |
| | Rear side | 3*2 | 2.700 | | 3.000 | | 48.601 | |
| | | 1*2 | 5.900 | | 3.000 | | 35.401 | |
| | Gable wall | 3*2 | 2.700 | | 0.600 | 0.5 | 4.860 | |
| | Lintel | 1*2 | 45.000 | | 0.150 | | 13.500 | |
| | Basement | 1 | 45.000 | | 0.500 | | 22.500 | |
| | Door (D1&D2) | 3 | 0.900 | | 2.100 | | -5.670 | |
| | R.S | 1 | 4.000 | | 2.700 | | -10.800 | |
| | Window | 6 | 1.100 | | 1.500 | | -9.900 | |
| | Ventilator | 2 | 0.600 | | 0.400 | | -0.480 | |
| | Ramp | | | | | | | |
| | | 2 | 2.000 | | (0+0.35)/2 | | 0.700 | |
| | Step | | | | | | | |
| | Step-1 | 1 | 1.200 | 0.300 | | | 0.360 | |
| | | 2 | | 0.600 | 0.150 | | 0.180 | |
| | | 1 | 1.200 | | 0.150 | | 0.180 | |
| | Step-2 | 1 | 1.200 | 0.300 | | | 0.360 | |
| | | 2 | | 0.300 | 0.150 | | 0.090 | |
| | | 1 | 1.200 | | 0.150 | | 0.180 | |
| | Total Quantity | | | | | | 373.381 sqm | |
| | Total Deducted Quantity | | | | | | -26.850 sqm | |
| | Net Total Quantity | | | | | | 346.531 sqm | |
| | Say 346.531 sqm @ Rs 226.67 / sqm | | | | | | Rs 78548.18 | |
| 13 | 11.36 Providing and fixing I st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer -in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete. | | | | | | | |
| | Toilet | 1*2 | 2.620 | | 2.100 | | 11.005 | |

| | | | | | | | | | |
|----|---|----------------------------------|-------|-------|-------|--|--------------------|--|--|
| | | 1*2 | 2.500 | | 2.100 | | 10.500 | | |
| | Door | 1 | 0.900 | | 2.100 | | -1.890 | | |
| | Ventilator | 1 | 0.600 | | 0.400 | | -0.240 | | |
| | | Total Quantity | | | | | 21.505 sqm | | |
| | | Total Deducted Quantity | | | | | -2.130 sqm | | |
| | | Net Total Quantity | | | | | 19.375 sqm | | |
| | | Say 19.375 sqm @ Rs 976.13 / sqm | | | | | Rs 18912.52 | | |
| 14 | 11.37 Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigment etc., complete. | | | | | | | | |
| | Toilet Flooring | 1 | 2.620 | 2.500 | | | 6.551 | | |
| | | Total Quantity | | | | | 6.551 sqm | | |
| | | Total Deducted Quantity | | | | | 0.000 sqm | | |
| | | Net Total Quantity | | | | | 6.551 sqm | | |
| | | Say 6.551 sqm @ Rs 902.15 / sqm | | | | | Rs 5909.98 | | |
| 15 | 11.41.2 Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600 x 600 mm. | | | | | | | | |
| | Generator Room | 1 | 4.020 | 5.100 | | | 20.502 | | |
| | Store Room | 1 | 2.700 | 2.500 | | | 6.750 | | |
| | Watchman Room | 1 | 3.100 | 5.100 | | | 15.810 | | |
| | Skirting | 4 | 5.100 | | 0.100 | | 2.040 | | |
| | | 2 | 3.100 | | 0.100 | | 0.621 | | |
| | | 2 | 4.020 | | 0.100 | | 0.804 | | |
| | | 2 | 2.700 | | 0.100 | | 0.540 | | |
| | | 2 | 2.500 | | 0.100 | | 0.500 | | |
| | | Step | | | | | | | |
| | Step-1 | 1 | 1.200 | 0.300 | | | 0.360 | | |
| | | 2 | | 0.600 | 0.150 | | 0.180 | | |
| | | 1 | 1.200 | | 0.150 | | 0.180 | | |
| | Step-2 | 1 | 1.200 | 0.300 | | | 0.360 | | |

| | | | | | | | | | |
|----|---|-----|--------|-------|-------|-----|--------------------|--|--|
| | | 2 | | 0.300 | 0.150 | | 0.090 | | |
| | | 1 | 1.200 | | 0.150 | | 0.180 | | |
| | Total Quantity | | | | | | 48.917 sqm | | |
| | Total Deducted Quantity | | | | | | 0.000 sqm | | |
| | Net Total Quantity | | | | | | 48.917 sqm | | |
| | Say 48.917 sqm @ Rs 1467.09 / sqm | | | | | | Rs 71765.64 | | |
| 16 | 13.43.1 Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer | | | | | | | | |
| | Long wall-1 | 2*2 | 7.720 | | 3.600 | | 111.168 | | |
| | Short wall-1 | 3*2 | 5.500 | | 3.600 | | 118.801 | | |
| | Gable wall | 3*2 | 5.500 | | 1.000 | 0.5 | 16.500 | | |
| | Rear side | 3*2 | 2.700 | | 3.000 | | 48.601 | | |
| | | 1*2 | 5.900 | | 3.000 | | 35.401 | | |
| | Gable wall | 3*2 | 2.700 | | 0.600 | 0.5 | 4.860 | | |
| | Lintel | 1*2 | 45.000 | | 0.150 | | 13.500 | | |
| | Basement | 1 | 45.000 | | 0.500 | | 22.500 | | |
| | Door (D1&D2) | 2 | 0.900 | | 2.100 | | -3.780 | | |
| | R.S | 1 | 4.000 | | 2.700 | | -10.800 | | |
| | Window | 6 | 1.100 | | 1.500 | | -9.900 | | |
| | Ventilator | 1 | 0.600 | | 0.400 | | -0.240 | | |
| | Toilet | 2 | 2.620 | | 2.100 | | -11.004 | | |
| | | 2 | 2.500 | | 2.100 | | -10.500 | | |
| | Total Quantity | | | | | | 371.331 sqm | | |
| | Total Deducted Quantity | | | | | | -46.224 sqm | | |
| | Net Total Quantity | | | | | | 325.107 sqm | | |
| | Say 325.107 sqm @ Rs 48.43 / sqm | | | | | | Rs 15744.93 | | |
| 17 | 13.60.1 Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade:Two or more coats on new work | | | | | | | | |
| | Long wall-1 | 2*2 | 7.720 | | 3.600 | | 111.168 | | |
| | Short wall-1 | 3*2 | 5.500 | | 3.600 | | 118.801 | | |
| | Gable wall | 3*2 | 5.500 | | 1.000 | 0.5 | 16.500 | | |
| | Rear side | 3*2 | 2.700 | | 3.000 | | 48.601 | | |

| | | | | | | | | | |
|----|--|-----------------------------------|--------|-------|-------|------|----------|---------------------|--|
| | | 1*2 | 5.900 | | 3.000 | | 35.401 | | |
| | Gable wall | 3*2 | 2.700 | | 0.600 | 0.5 | 4.860 | | |
| | Lintel | 1*2 | 45.000 | | 0.150 | | 13.500 | | |
| | Basement | 1 | 45.000 | | 0.500 | | 22.500 | | |
| | Door (D1&D2) | 2 | 0.900 | | 2.100 | | -3.780 | | |
| | R.S | 1 | 4.000 | | 2.700 | | -10.800 | | |
| | Window | 6 | 1.100 | | 1.500 | | -9.900 | | |
| | Ventilator | 1 | 0.600 | | 0.400 | | -0.240 | | |
| | Toilet | 2 | 2.620 | | 2.100 | | -11.004 | | |
| | | 2 | 2.500 | | 2.100 | | -10.500 | | |
| | | Total Quantity | | | | | | 371.331 sqm | |
| | | Total Deducted Quantity | | | | | | -46.224 sqm | |
| | | Net Total Quantity | | | | | | 325.107 sqm | |
| | | Say 325.107 sqm @ Rs 110.68 / sqm | | | | | | Rs 35982.84 | |
| 18 | 10.16.1 Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes | | | | | | | | |
| | | 2 | 9.000 | 3.600 | | 20.0 | 1296.000 | | |
| | | 1 | 7.200 | 2.100 | | 20.0 | 302.401 | | |
| | | Total Quantity | | | | | | 1598.401 kg | |
| | | Total Deducted Quantity | | | | | | 0.000 kg | |
| | | Net Total Quantity | | | | | | 1598.401 kg | |
| | | Say 1598.401 kg @ Rs 118.28 / kg | | | | | | Rs 189058.87 | |
| 19 | 13.52.1 Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. On steel work | | | | | | | | |
| | | 2 | 9.000 | 3.600 | | | 64.800 | | |
| | | 1 | 7.200 | 2.100 | | | 15.121 | | |
| | | Total Quantity | | | | | | 79.921 sqm | |
| | | Total Deducted Quantity | | | | | | 0.000 sqm | |
| | | Net Total Quantity | | | | | | 79.921 sqm | |
| | | Say 79.921 sqm @ Rs 160.55 / sqm | | | | | | Rs 12831.32 | |
| 20 | 12.1.1 | | | | | | | | |

| | | | | | | | |
|----|--|---|-------|-------|-------|--|---------------------|
| | Providing corrugate G.S. sheet roofing including vertical/ curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal / vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.1.00 mm thick with zinc coating not less than 275 gm/m2 | | | | | | |
| | | 2 | 9.000 | 3.600 | | | 64.800 |
| | | 1 | 7.200 | 2.100 | | | 15.121 |
| | Total Quantity | | | | | | 79.921 sqm |
| | Total Deducted Quantity | | | | | | 0.000 sqm |
| | Net Total Quantity | | | | | | 79.921 sqm |
| | Say 79.921 sqm @ Rs 1255.49 / sqm | | | | | | Rs 100340.02 |
| 21 | 12.4.1 Providing ridges or hips width 60 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete.0.80 mm thick with zinc coating not less than 275 gm/m2 | | | | | | |
| | | 1 | 8.920 | | | | 8.920 |
| | Total Quantity | | | | | | 8.920 metre |
| | Total Deducted Quantity | | | | | | 0.000 metre |
| | Net Total Quantity | | | | | | 8.920 metre |
| | Say 8.920 metre @ Rs 797.30 / metre | | | | | | Rs 7111.92 |
| 22 | 9.118.1 Providing and fixing to existing door frames 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge(For W.C. and bathroom door shutter). | | | | | | |
| | D2 | 2 | 0.900 | | 2.100 | | 3.781 |
| | Total Quantity | | | | | | 3.781 sqm |
| | Total Deducted Quantity | | | | | | 0.000 sqm |
| | Net Total Quantity | | | | | | 3.781 sqm |
| | Say 3.781 sqm @ Rs 2359.74 / sqm | | | | | | Rs 8922.18 |

| | | | | | | | | |
|----|--------------------------------------|--|-------|-------|-------|--|--------------------|--|
| 23 | 9.119 | Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5 mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos. of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineer-in Charge. | | | | | | |
| | D2 | 2 | 6.200 | | | | 12.400 | |
| | Total Quantity | | | | | | 12.400 metre | |
| | Total Deducted Quantity | | | | | | 0.000 metre | |
| | Net Total Quantity | | | | | | 12.400 metre | |
| | Say 12.400 metre @ Rs 575.03 / metre | | | | | | Rs 7130.37 | |
| 24 | 9.1.1 | Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). Second class teak wood | | | | | | |
| | D1-Hor | 1 | 1.300 | 0.100 | 0.070 | | 0.010 | |
| | D1-Ver | 1*2 | 2.100 | 0.100 | 0.070 | | 0.030 | |
| | W-Hor | 6*2 | 1.500 | 0.100 | 0.070 | | 0.127 | |
| | W-Ver | 6*3 | 1.500 | 0.100 | 0.070 | | 0.190 | |
| | V-Hor | 2*2 | 1.000 | 0.100 | 0.070 | | 0.029 | |
| | V-Ver | 2*2 | 0.400 | 0.100 | 0.070 | | 0.012 | |
| | Total Quantity | | | | | | 0.398 cum | |
| | Total Deducted Quantity | | | | | | 0.000 cum | |
| | Net Total Quantity | | | | | | 0.398 cum | |
| | Say 0.398 cum @ Rs 121549.04 / cum | | | | | | Rs 48376.52 | |
| 25 | 9.5.1.2 | Providing and fixing panelled or panelled and glazed shutters for shutters for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer - in-charge. 30 mm thick shutters | | | | | | |
| | D1 | 1 | 0.900 | 2.100 | | | 1.891 | |
| | W | 6 | 0.450 | | 1.400 | | 3.781 | |
| | V | 2 | 0.600 | | 0.400 | | 0.480 | |
| | Total Quantity | | | | | | 6.152 sqm | |
| | Total Deducted Quantity | | | | | | 0.000 sqm | |
| | Net Total Quantity | | | | | | 6.152 sqm | |

| | | | | | | | | |
|----|---|---|-------|-------|-------|------|--------------------|--|
| | Say 6.152 sqm @ Rs 3006.06 / sqm | | | | | | Rs 18493.28 | |
| 26 | 9.7.1 Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured), Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick:Second class teak wood | | | | | | | |
| | D1 | 4 | 0.250 | 0.450 | | | 0.450 | |
| | Total Quantity | | | | | | 0.450 sqm | |
| | Total Deducted Quantity | | | | | | 0.000 sqm | |
| | Net Total Quantity | | | | | | 0.450 sqm | |
| | Say 0.450 sqm @ Rs 2669.76 / sqm | | | | | | Rs 1201.39 | |
| 27 | 9.48.2 Providing and fixing M.S. Grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.Fixed to openings/ wooden frames with rawl plugs screws etc | | | | | | | |
| | W | 6 | 1.100 | | 1.500 | 15.0 | 148.500 | |
| | V | 2 | 0.600 | | 0.400 | 15.0 | 7.200 | |
| | Total Quantity | | | | | | 155.700 kg | |
| | Total Deducted Quantity | | | | | | 0.000 kg | |
| | Net Total Quantity | | | | | | 155.700 kg | |
| | Say 155.700 kg @ Rs 147.38 / kg | | | | | | Rs 22947.07 | |
| 28 | 9.63.1 Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete:250x10 mm | | | | | | | |
| | D1 | 2 | | | | | 2.000 | |
| | Total Quantity | | | | | | 2.000 no | |
| | Total Deducted Quantity | | | | | | 0.000 no | |
| | Net Total Quantity | | | | | | 2.000 no | |
| | Say 2.000 no @ Rs 83.88 / no | | | | | | Rs 167.76 | |
| 29 | 9.76 Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete. | | | | | | | |
| | D1 | 1 | | | | | 1.000 | |
| | Total Quantity | | | | | | 1.000 no | |
| | Total Deducted Quantity | | | | | | 0.000 no | |
| | Net Total Quantity | | | | | | 1.000 no | |

| | | | | | | | | |
|----|--|---|-------|--|-------|--------|--------------------|--|
| | Say 1.000 no @ Rs 729.28 / no | | | | | | Rs 729.28 | |
| 30 | 10.6.1 Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters.80x1.25 mm M.S. laths with 1.25 mm thick top cover | | | | | | | |
| | RS | 1 | 4.000 | | 2.700 | | 10.800 | |
| | Total Quantity | | | | | | 10.800 sqm | |
| | Total Deducted Quantity | | | | | | 0.000 sqm | |
| | Net Total Quantity | | | | | | 10.800 sqm | |
| | Say 10.800 sqm @ Rs 3035.48 / sqm | | | | | | Rs 32783.18 | |
| 31 | od140630/2020_2021 Supplying and fixing Ferro cement Ready made septic tank- 50mm thick | | | | | | | |
| | 2000L | 1 | | | | 2000.0 | 2000.000 | |
| | Total Quantity | | | | | | 2000.000 Litre | |
| | Total Deducted Quantity | | | | | | 0.000 Litre | |
| | Net Total Quantity | | | | | | 2000.000 Litre | |
| | Say 2000.000 Litre @ Rs 9.41 / Litre | | | | | | Rs 18820.00 | |
| 32 | 19.32.1 Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design.With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 | | | | | | | |
| | | 1 | | | | | 1.000 | |
| | Total Quantity | | | | | | 1.000 each | |
| | Total Deducted Quantity | | | | | | 0.000 each | |
| | Net Total Quantity | | | | | | 1.000 each | |
| | Say 1.000 each @ Rs 27105.17 / each | | | | | | Rs 27105.17 | |
| 33 | 17.3.1 Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid | | | | | | | |
| | | 1 | | | | | 1.000 | |
| | Total Quantity | | | | | | 1.000 each | |

| | | | | | | | | | |
|----|---|---|--|--|--|--|--|------------------------------------|-------------------|
| | | | | | | | | Total Deducted Quantity | 0.000 each |
| | | | | | | | | Net Total Quantity | 1.000 each |
| | | | | | | | | Say 1.000 each @ Rs 6020.57 / each | Rs 6020.57 |
| 34 | 17.7.3 Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Wash basin size 550x400 mm with a pair of 15 mm C.P. brass pillar taps | | | | | | | | |
| | | 1 | | | | | | | 1.000 |
| | | | | | | | | Total Quantity | 1.000 each |
| | | | | | | | | Total Deducted Quantity | 0.000 each |
| | | | | | | | | Net Total Quantity | 1.000 each |
| | | | | | | | | Say 1.000 each @ Rs 2746.10 / each | Rs 2746.10 |
| 35 | 18.22.2 Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet:150 mm diameter | | | | | | | | |
| | | 1 | | | | | | | 1.000 |
| | | | | | | | | Total Quantity | 1.000 each |
| | | | | | | | | Total Deducted Quantity | 0.000 each |
| | | | | | | | | Net Total Quantity | 1.000 each |
| | | | | | | | | Say 1.000 each @ Rs 112.58 / each | Rs 112.58 |
| 36 | 18.51.1 Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.15 mm nominal bore | | | | | | | | |
| | | 2 | | | | | | | 2.000 |
| | | | | | | | | Total Quantity | 2.000 each |
| | | | | | | | | Total Deducted Quantity | 0.000 each |
| | | | | | | | | Net Total Quantity | 2.000 each |
| | | | | | | | | Say 2.000 each @ Rs 645.54 / each | Rs 1291.08 |
| 37 | 18.55.1 Providing and fixing PTMT stop cock of approved quality and colour.15 mm nominal bore, 86 mm long, weighing not less than 88 gms | | | | | | | | |
| | | 1 | | | | | | | 1.000 |
| | | | | | | | | Total Quantity | 1.000 each |
| | | | | | | | | Total Deducted Quantity | 0.000 each |
| | | | | | | | | Net Total Quantity | 1.000 each |

| | | | | | | | | |
|----|-------------|---|--------|--|--|--|-------------------|--|
| | | Say 1.000 each @ Rs 135.38 / each | | | | | Rs 135.38 | |
| 38 | 18.65 | Providing and fixing PTMT Soap Dish Holder having length of 138 mm, breadth 102 mm, height of 75 mm with concealed fittings arrangements, weighing not less than 106 gms. | | | | | | |
| | | 1 | | | | | 1.000 | |
| | | Total Quantity | | | | | 1.000 each | |
| | | Total Deducted Quantity | | | | | 0.000 each | |
| | | Net Total Quantity | | | | | 1.000 each | |
| | | Say 1.000 each @ Rs 147.18 / each | | | | | Rs 147.18 | |
| 39 | 50.18.7.3.2 | Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 25 mm dia 10Kgf/ cm2- Internal work- Exposed on wall | | | | | | |
| | | 1 | 50.000 | | | | 50.000 | |
| | | Total Quantity | | | | | 50.000 metre | |
| | | Total Deducted Quantity | | | | | 0.000 metre | |
| | | Net Total Quantity | | | | | 50.000 metre | |
| | | Say 50.000 metre @ Rs 193.12 / metre | | | | | Rs 9656.00 | |
| 40 | 50.18.7.6.2 | Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing . This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 50 mm dia 6 Kgf/cm2 - Internal work- Exposed on wall | | | | | | |
| | | 1 | 30.000 | | | | 30.000 | |
| | | Total Quantity | | | | | 30.000 metre | |
| | | Total Deducted Quantity | | | | | 0.000 metre | |
| | | Net Total Quantity | | | | | 30.000 metre | |
| | | Say 30.000 metre @ Rs 268.75 / metre | | | | | Rs 8062.50 | |
| 41 | 50.18.9.9.1 | Providing and fixing PVC pipes includings jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of Joints complete as per direction of engineer in charge.110 mm dia 6Kgf/cm2 | | | | | | |
| | | 1 | 10.000 | | | | 10.000 | |
| | | Total Quantity | | | | | 10.000 metre | |
| | | Total Deducted Quantity | | | | | 0.000 metre | |
| | | Net Total Quantity | | | | | 10.000 metre | |
| | | Say 10.000 metre @ Rs 428.72 / metre | | | | | Rs 4287.20 | |
| 42 | 18.48 | | | | | | | |

| Providing and placing on terrace (at all floor levels) polyethylene water storage tank :ISI 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank. | | | | | | | | |
|---|---|------|-------|-------|--------|--------|-------------------|--------|
| | 1000L TANK | 1 | | | | 1000.0 | 1000.000 | |
| Total Quantity | | | | | | | 1000.000 Litre | |
| Total Deducted Quantity | | | | | | | 0.000 Litre | |
| Net Total Quantity | | | | | | | 1000.000 Litre | |
| Say 1000.000 Litre @ Rs 9.50 / Litre | | | | | | | Rs 9500.00 | |
| SI No | Description | No | L | B | D | CF | Quantity | Remark |
| 6 Appendix F-Mechanical Works F1-Cost of Supplying and stacking materials for embedded parts | | | | | | | | |
| 1 | 85.101 Supply of MS plates confirming to IS 2062GrB including cost of conveyance charges | | | | | | | |
| (12 x3m) 3 nos Primary Embedded Parts | | | | | | | | |
| | Plate for side guide and roller track | 46*3 | 0.150 | 0.100 | 10.000 | 7.85 | 162.495 | |
| | Plate for sill beam | 26*3 | 0.230 | 0.100 | 10.000 | 7.85 | 140.829 | |
| | Plate for side seal and Roller track | 76*3 | 0.100 | 0.100 | 10.000 | 7.85 | 178.981 | |
| (12x3) 3 Nos Secondary Embedded Parts | | | | | | | | |
| | Sill Alignment plate | 26*3 | 0.230 | 0.100 | 10.000 | 7.85 | 140.829 | |
| | Rib plate sill beam | 50*3 | 0.200 | 0.047 | 8.000 | 7.85 | 88.548 | |
| | End plate sill Beam | 2*3 | 0.141 | 0.200 | 8.000 | 7.85 | 10.626 | |
| | End plate seal end-1 | 2*3 | 0.400 | 0.100 | 8.000 | 7.85 | 15.073 | |
| | Roller track alignment stiffener plate | 22*3 | 0.090 | 0.200 | 8.000 | 7.85 | 74.607 | |
| | Seal track supporting plate | 22*3 | 0.232 | 0.200 | 8.000 | 7.85 | 192.319 | |
| | Roller track Flange | 4*3 | 9.850 | 0.200 | 16.000 | 7.85 | 2969.184 | |
| | Roller track Web | 2*3 | 9.850 | 0.200 | 16.000 | 7.85 | 1484.592 | |
| | Fab seal track plate | 2*3 | 9.850 | 0.255 | 8.000 | 7.85 | 946.428 | |
| | Side guide plate | 2*3 | 9.850 | 0.120 | 20.000 | 7.85 | 1113.444 | |
| | Side guide base plate | 30*3 | 0.200 | 0.100 | 8.000 | 7.85 | 113.040 | |
| (7.4 x 3 m) 2 nos Primary Embedded Parts | | | | | | | | |
| | Plate for side guide and roller track | 46*2 | 0.150 | 0.100 | 10.000 | 7.85 | 108.330 | |

| | | | | | | | | | |
|---|--|------|--------|-------|--------|------|----------|---------------------|--|
| | Plate for sill beam | 20*2 | 0.230 | 0.100 | 10.000 | 7.85 | 72.220 | | |
| | Plate for side seal and Roller track | 76*2 | 0.100 | 0.100 | 10.000 | 7.85 | 119.321 | | |
| | (7.4 x3) 2 Nos Secondary Embedded Parts | | | | | | | | |
| | Sill Alignment plate | 20*2 | 0.230 | 0.100 | 10.000 | 7.85 | 72.220 | | |
| | Rib plate sill beam | 40*2 | 0.200 | 0.047 | 8.000 | 7.85 | 47.226 | | |
| | End plate sill Beam | 2*2 | 0.141 | 0.200 | 8.000 | 7.85 | 7.084 | | |
| | End plate seal end-1 | 2*2 | 0.400 | 0.100 | 8.000 | 7.85 | 10.049 | | |
| | Roller track alignment stiffener plate | 22*2 | 0.090 | 0.200 | 8.000 | 7.85 | 49.738 | | |
| | Seal track supporting plate | 22*2 | 0.232 | 0.200 | 8.000 | 7.85 | 128.213 | | |
| | Roller track Flange | 4*2 | 9.850 | 0.200 | 16.000 | 7.85 | 1979.456 | | |
| | Roller track Web | 2*2 | 9.850 | 0.200 | 16.000 | 7.85 | 989.728 | | |
| | Fab seal track plate | 2*2 | 9.850 | 0.255 | 8.000 | 7.85 | 630.952 | | |
| | Side guide plate | 2*2 | 9.850 | 0.120 | 20.000 | 7.85 | 742.296 | | |
| | Side guide base plate | 30*2 | 0.200 | 0.100 | 8.000 | 7.85 | 75.361 | | |
| | Total Quantity | | | | | | | 12663.189 kg | |
| | Total Deducted Quantity | | | | | | | 0.000 kg | |
| | Net Total Quantity | | | | | | | 12663.189 kg | |
| | Say 12663.189 kg @ Rs 64.18 / kg | | | | | | | Rs 812723.47 | |
| 2 | 85.102 Supply of MS Tees, Angles, Joists, ISMB, ISMC confirming to IS2062GrA/B including cost of conveyance charges | | | | | | | | |
| | (12x3) 3 Nos Primary & Secondary Embedded Parts | | | | | | | | |
| | Sill Beam ISMB-200x100 | 1*3 | 12.900 | | | 25.4 | 982.980 | | |
| | ISA for Sill ISA 75x75x8 | 4*3 | 0.140 | | | 8.9 | 14.953 | | |
| | ISA for Roller track ISA 75x75x8 | 22*3 | 0.800 | | | 8.9 | 469.921 | | |
| | Alignment primary sill ISA 50x50x6 | 1*3 | 12.900 | | | 4.5 | 174.150 | | |
| | Alignment primary roller & seal ISA 50x50x6 | 6*3 | 9.850 | | | 4.5 | 797.850 | | |

| | | | | | | | | | |
|---|---|-------|-------|--|--|------|---------------------|--|--|
| | Alignment primary side guide ISA 50 x 50 x 6 | 2*3 | 9.850 | | | 4.5 | 265.950 | | |
| | (7.4x3) 2 Nos Primary & Secondary Embedded Parts | | | | | | | | |
| | Sill Beam ISMB-200x100 | 1*2 | 8.100 | | | 25.4 | 411.480 | | |
| | ISA for Sill ISA 75x75x8 | 4*2 | 0.140 | | | 8.9 | 9.969 | | |
| | ISA for Roller track ISA 75x75x8 | 22*2 | 0.800 | | | 8.9 | 313.281 | | |
| | Alignment primary sill ISA 50x50x6 | 1*2 | 8.100 | | | 4.5 | 72.900 | | |
| | Alignment primary roller & seal ISA 50x50x6 | 6*2 | 9.850 | | | 4.5 | 531.900 | | |
| | Alignment primary side guide ISA 50 x 50 x 6 | 2*2 | 9.850 | | | 4.5 | 177.300 | | |
| | Total Quantity | | | | | | 4222.634 kg | | |
| | Total Deducted Quantity | | | | | | 0.000 kg | | |
| | Net Total Quantity | | | | | | 4222.634 kg | | |
| | Say 4222.634 kg @ Rs 66.13 / kg | | | | | | Rs 279242.79 | | |
| 3 | 85.107 Supply of MS round bar including cost of conveyance charges | | | | | | | | |
| | (12x3M) 3 Nos Primary & secondary Embedded parts. | | | | | | | | |
| | Anchoring rods- sill beam ISRO 16mm | 52*3 | 0.296 | | | 1.58 | 72.959 | | |
| | Anchoring rods- Roller track ISRO 16mm | 74*3 | 0.296 | | | 1.58 | 103.825 | | |
| | Anchoring rods- Side guide ISRO 16mm | 112*3 | 0.296 | | | 1.58 | 157.141 | | |
| | Anchoring rods- Side seal seat ISRO 16mm | 60*3 | 0.296 | | | 1.58 | 84.183 | | |
| | (7.4x3M) 2 Nos Primary & secondary Embedded parts. | | | | | | | | |
| | Anchoring rods- sill beam ISRO 16mm | 32*2 | 0.296 | | | 1.58 | 29.932 | | |
| | Anchoring rods- Roller track ISRO 16mm | 74*2 | 0.296 | | | 1.58 | 69.217 | | |

| | | | | | | | | | |
|---|---|-------|-------|--|--|------|--------------------|--|--|
| | Anchoring rods- Side guide ISRO 16mm | 112*2 | 0.296 | | | 1.58 | 104.761 | | |
| | Anchoring rods- Side seal seat ISRO 16mm | 60*2 | 0.296 | | | 1.58 | 56.122 | | |
| | Total Quantity | | | | | | 678.140 kg | | |
| | Total Deducted Quantity | | | | | | 0.000 kg | | |
| | Net Total Quantity | | | | | | 678.140 kg | | |
| | Say 678.140 kg @ Rs 64.18 / kg | | | | | | Rs 43523.03 | | |
| 4 | od136869/2020_2021 Supply of MS Bolts and Nuts | | | | | | | | |
| | (12x3) 3 Nos Nuts & bolts | | | | | | | | |
| | Nut & bolt M16 x60mm W/2 Nuts | 4*3 | | | | 0.15 | 1.800 | | |
| | Nut & bolt M16 x130mm W/2 Nuts | 52*3 | | | | 0.26 | 40.560 | | |
| | Nut & bolt M16 x145mm W/2 Nuts | 14*3 | | | | 0.28 | 11.761 | | |
| | Nut & bolt M16 x160mm W/2 Nuts | 60*3 | | | | 0.31 | 55.800 | | |
| | Nut & bolt M16 x110mm W/2 Nuts | 76*3 | | | | 0.23 | 52.441 | | |
| | Nut & bolt M16 x330mm W/2 Nuts | 30*3 | | | | 0.57 | 51.300 | | |
| | Nut & bolt M16 x125mm W/2 Nuts | 30*3 | | | | 0.25 | 22.500 | | |
| | M16 Washer | 516*3 | | | | 0.01 | 15.480 | | |
| | (7.4x3) 2 Nos Nuts and Bolts | | | | | | | | |
| | Nut & bolt M16 x60mm W/2 Nuts | 4*2 | | | | 0.15 | 1.200 | | |
| | Nut & bolt M16 x130mm W/2 Nuts | 50*2 | | | | 0.26 | 26.000 | | |
| | Nut & bolt M16 x145mm W/2 Nuts | 14*2 | | | | 0.28 | 7.841 | | |
| | Nut & bolt M16 x160mm W/2 Nuts | 56*2 | | | | 0.31 | 34.720 | | |
| | Nut & bolt M16 x110mm W/2 Nuts | 72*2 | | | | 0.23 | 33.121 | | |

| | | | | | | | | | |
|---|---|-------|-------|-------|--------|------|--------------------|--|--|
| | Nut & bolt M16 x330mm W/2 Nuts | 30*2 | | | | 0.57 | 34.200 | | |
| | Nut & bolt M16 x125mm W/2 Nuts | 30*2 | | | | 0.25 | 15.000 | | |
| | M16 Washer | 502*2 | | | | 0.01 | 10.041 | | |
| | Total Quantity | | | | | | 413.765 kg | | |
| | Total Deducted Quantity | | | | | | 0.000 kg | | |
| | Net Total Quantity | | | | | | 413.765 kg | | |
| | Say 413.765 kg @ Rs 77.77 / kg | | | | | | Rs 32178.50 | | |
| 5 | 85.108 Fabrication, erection and commissioning of Structural steel Embedded parts in IS2062 Grade and accessories as per approved specifications, drawings and directions of deptl officer at site including cost of labour , machinery , incidental and handling charges etc complete but excluding cost of material already supplied | | | | | | | | |
| | (12 x3m) 3 nos Primary Embedded Parts | | | | | | | | |
| | Plate for side guide and roller track | 46*3 | 0.150 | 0.100 | 10.000 | 7.85 | 162.495 | | |
| | Plate for sill beam | 26*3 | 0.230 | 0.100 | 10.000 | 7.85 | 140.829 | | |
| | Plate for side seal and Roller track | 76*3 | 0.100 | 0.100 | 10.000 | 7.85 | 178.981 | | |
| | (12x3) 3 Nos Secondary Embedded Parts | | | | | | | | |
| | Sill Alignment plate | 26*3 | 0.230 | 0.100 | 10.000 | 7.85 | 140.829 | | |
| | Rib plate sill beam | 50*3 | 0.200 | 0.047 | 8.000 | 7.85 | 88.548 | | |
| | End plate sill Beam | 2*3 | 0.141 | 0.200 | 8.000 | 7.85 | 10.626 | | |
| | End plate seal end-1 | 2*3 | 0.400 | 0.100 | 8.000 | 7.85 | 15.073 | | |
| | Roller track alignment stiffener plate | 22*3 | 0.090 | 0.200 | 8.000 | 7.85 | 74.607 | | |
| | Seal track supporting plate | 22*3 | 0.232 | 0.200 | 8.000 | 7.85 | 192.319 | | |
| | Roller track Flange | 4*3 | 9.850 | 0.200 | 16.000 | 7.85 | 2969.184 | | |
| | Roller track Web | 2*3 | 9.850 | 0.200 | 16.000 | 7.85 | 1484.592 | | |
| | Fab seal track plate | 2*3 | 9.850 | 0.255 | 8.000 | 7.85 | 946.428 | | |
| | Side guide plate | 2*3 | 9.850 | 0.120 | 20.000 | 7.85 | 1113.444 | | |
| | Side guide base plate | 30*3 | 0.200 | 0.100 | 8.000 | 7.85 | 113.040 | | |
| | (7.4 x 3 m) 2 nos Primary Embedded Parts | | | | | | | | |

| | | | | | | | | |
|--|---|------|--------|-------|--------|------|----------|--|
| | Plate for side guide and roller track | 46*2 | 0.150 | 0.100 | 10.000 | 7.85 | 108.330 | |
| | Plate for sill beam | 20*2 | 0.230 | 0.100 | 10.000 | 7.85 | 72.220 | |
| | Plate for side seal and Roller track | 76*2 | 0.100 | 0.100 | 10.000 | 7.85 | 119.321 | |
| | (7.4 x3) 2 Nos Secondary Embedded Parts | | | | | | | |
| | Sill Alignment plate | 20*2 | 0.230 | 0.100 | 10.000 | 7.85 | 72.220 | |
| | Rib plate sill beam | 40*2 | 0.200 | 0.047 | 8.000 | 7.85 | 47.226 | |
| | End plate sill Beam | 2*2 | 0.141 | 0.200 | 8.000 | 7.85 | 7.084 | |
| | End plate seal end-1 | 2*2 | 0.400 | 0.100 | 8.000 | 7.85 | 10.049 | |
| | Roller track alignment stiffener plate | 22*2 | 0.090 | 0.200 | 8.000 | 7.85 | 49.738 | |
| | Seal track supporting plate | 22*2 | 0.232 | 0.200 | 8.000 | 7.85 | 128.213 | |
| | Roller track Flange | 4*2 | 9.850 | 0.200 | 16.000 | 7.85 | 1979.456 | |
| | Roller track Web | 2*2 | 9.850 | 0.200 | 16.000 | 7.85 | 989.728 | |
| | Fab seal track plate | 2*2 | 9.850 | 0.255 | 8.000 | 7.85 | 630.952 | |
| | Side guide plate | 2*2 | 9.850 | 0.120 | 20.000 | 7.85 | 742.296 | |
| | Side guide base plate | 30*2 | 0.200 | 0.100 | 8.000 | 7.85 | 75.361 | |
| | (12x3) 3 Nos Primary &&&Secondary Embedded Parts | | | | | | | |
| | Sill Beam ISMB-200x100 | 1*3 | 12.900 | | | 25.4 | 982.980 | |
| | ISA for Sill ISA 75x75x8 | 4*3 | 0.140 | | | 8.9 | 14.953 | |
| | ISA for Roller track ISA 75x75x8 | 22*3 | 0.800 | | | 8.9 | 469.921 | |
| | Alignment primary sill ISA 50x50x6 | 1*3 | 12.900 | | | 4.5 | 174.150 | |
| | Alignment primary roller & seal ISA 50x50x6 | 6*3 | 9.850 | | | 4.5 | 797.850 | |
| | Alignment primary side guide ISA 50x50x6 | 2*3 | 9.850 | | | 4.5 | 265.950 | |
| | (7.4x3) 2 Nos Primary &&&Secondary Embedded Parts | | | | | | | |
| | Sill Beam ISMB-200x100 | 1*2 | 8.100 | | | 25.4 | 411.480 | |

| | | | | | | | | | |
|---|---|-------|-------|--|--|------|----------------------|--|--|
| | ISA for Sill ISA 75x75x8 | 4*2 | 0.140 | | | 8.9 | 9.969 | | |
| | ISA for Roller track ISA 75x75x8 | 22*2 | 0.800 | | | 8.9 | 313.281 | | |
| | Alignment primary sill ISA 50x50x6 | 1*2 | 8.100 | | | 4.5 | 72.900 | | |
| | Alignment primary roller& seal ISA 50x50x6 | 6*2 | 9.850 | | | 4.5 | 531.900 | | |
| | Alignment primary s i d e g u i d e I S A 5 0 x 5 0 x 6 | 2*2 | 9.850 | | | 4.5 | 177.300 | | |
| | (12x3M) 3 Nos Primary & secondary Embedded parts. | | | | | | | | |
| | Anchoring rods- sill beam ISRO 16mm | 52*3 | 0.296 | | | 1.58 | 72.959 | | |
| | Anchoring rods- Roller track ISRO 16mm | 74*3 | 0.296 | | | 1.58 | 103.825 | | |
| | Anchoring rods- Side guide ISRO 16mm | 112*3 | 0.296 | | | 1.58 | 157.141 | | |
| | Anchoring rods- Side seal seat ISRO 16mm | 60*3 | 0.296 | | | 1.58 | 84.183 | | |
| | (7.4x3M) 2 Nos Primary & secondary Embedded parts. | | | | | | | | |
| | Anchoring rods- sill beam ISRO 16mm | 32*2 | 0.296 | | | 1.58 | 29.932 | | |
| | Anchoring rods- Roller track ISRO 16mm | 74*2 | 0.296 | | | 1.58 | 69.217 | | |
| | Anchoring rods- Side guide ISRO 16mm | 112*2 | 0.296 | | | 1.58 | 104.761 | | |
| | Anchoring rods- Side seal seat ISRO 16mm | 60*2 | 0.296 | | | 1.58 | 56.122 | | |
| | Total Quantity | | | | | | 17563.963 kg | | |
| | Total Deducted Quantity | | | | | | 0.000 kg | | |
| | Net Total Quantity | | | | | | 17563.963 kg | | |
| | Say 17563.963 kg @ Rs 75.59 / kg | | | | | | Rs 1327659.96 | | |
| 6 | od137238/2020_2021 Fabrication, Supply, erection and assembling in correct position and alignment by welding SS embedded parts in 304L Grade like roller track, seal track, Seal seat etc as per approved specifications, drawings and directions of de ptl officer at site including cost of all materials, labour, machinery for planning, | | | | | | | | |

| welding, grinding etc, lead and lift, conveyance, incidental and handling etc complete | | | | | | | | |
|--|---|-----|--------|-------|--------|------|----------------------|--------|
| (12x3)(3nos) SS Embededd parts. | | | | | | | | |
| | Sill beam Pad SS Plate 120x 8mm | 1*3 | 12.800 | 0.120 | 8.000 | 7.85 | 289.383 | |
| | Roller track SS pad 120x12mm | 4*3 | 9.850 | 0.120 | 12.000 | 7.85 | 1336.133 | |
| | Side seal seat SS plate 80x8 mm | 2*3 | 6.000 | 0.080 | 8.000 | 7.85 | 180.864 | |
| (7.4x3)(2nos) SS Embededd parts. | | | | | | | | |
| | Sill beam Pad SS Plate 120x 8mm | 1*2 | 8.000 | 0.120 | 8.000 | 7.85 | 120.576 | |
| | Roller track SS pad 120x12mm | 4*2 | 9.850 | 0.120 | 12.000 | 7.85 | 890.756 | |
| | Side seal seat SS plate 80x8 mm | 2*2 | 6.000 | 0.080 | 8.000 | 7.85 | 120.576 | |
| Total Quantity | | | | | | | 2938.288 kg | |
| Total Deducted Quantity | | | | | | | 0.000 kg | |
| Net Total Quantity | | | | | | | 2938.288 kg | |
| Say 2938.288 kg @ Rs 508.01 / kg | | | | | | | Rs 1492679.69 | |
| SI No | Description | No | L | B | D | CF | Quantity | Remark |
| 7 Appendix F 2- Supply of materials, fabrication, painting and erection of 12x3H 3 Nos, 7.4x3H 2 Nos of MS shutter. | | | | | | | | |
| 1 | 85.101 Supply of MS plates confirming to IS 2062GrB including cost of conveyance charges | | | | | | | |
| (12x3)m Shutter 3 Nos | | | | | | | | |
| | Skin plate 10mm plate | 1*3 | 12.350 | 1.700 | 10.000 | 7.85 | 4944.323 | |
| | Skin plate 10mm plate | 1*3 | 12.350 | 1.300 | 10.000 | 7.85 | 3780.953 | |
| | End box plate 12mm plate | 4*3 | 1.700 | 0.490 | 12.000 | 7.85 | 941.624 | |
| | End box plate 12mm plate | 4*3 | 1.300 | 0.490 | 12.000 | 7.85 | 720.065 | |
| | Stiffener plate Roller 8mm plate | 8*3 | 0.200 | 0.200 | 10.000 | 7.85 | 75.361 | |
| | Roller support plate-1 8mm plate | 8*3 | 0.200 | 0.200 | 10.000 | 7.85 | 75.361 | |
| | Roller support plate-2 Dia 180x20mm plate | 8*3 | 0.180 | 0.180 | 20.000 | 7.85 | 122.084 | |

| | | | | | | | |
|---|------|--------|-------|--------|------|-----------|--|
| Roller support plate-3 10 mm plate | 8*3 | 0.200 | 0.200 | 10.000 | 7.85 | 75.361 | |
| Roller support plate-1 10mm plate | 8*3 | 0.200 | 0.320 | 10.000 | 7.85 | 120.576 | |
| End box stiffener plate 8mm plate | 20*3 | 0.485 | 0.170 | 8.000 | 7.85 | 310.672 | |
| Horizontal girder web 10 mm plate | 4*3 | 11.936 | 1.000 | 10.000 | 7.85 | 11243.712 | |
| Horizontal girder flange 12 mm plate | 2*3 | 12.790 | 0.240 | 12.000 | 7.85 | 1734.938 | |
| Horizontal girder flange-1 12 mm plate | 2*3 | 12.790 | 0.200 | 12.000 | 7.85 | 1445.782 | |
| Web stiffener 8 mm plate | 32*3 | 0.850 | 0.090 | 8.000 | 7.85 | 461.204 | |
| Pad plate Web 10 mm plate | 4*3 | 0.912 | 0.175 | 10.000 | 7.85 | 150.344 | |
| Full depth stiffener web-1 8 mm plate | 3*3 | 1.000 | 0.570 | 8.000 | 7.85 | 322.164 | |
| Full depth stiffener web-2 8 mm plate | 3*3 | 1.000 | 0.692 | 8.000 | 7.85 | 391.119 | |
| Full depth stiffener web-3 8 mm plate | 5*3 | 1.000 | 0.684 | 8.000 | 7.85 | 644.329 | |
| Full depth stiffener web-4 8 mm plate | 5*3 | 1.000 | 0.316 | 8.000 | 7.85 | 297.672 | |
| Full depth stiffener web-4 8 mm plate | 5*3 | 1.000 | 0.492 | 8.000 | 7.85 | 463.464 | |
| Full depth stiffener web-4 8 mm plate | 5*3 | 1.000 | 0.341 | 8.000 | 7.85 | 321.222 | |
| Vertical stiffener-1 10 mm plate | 24*3 | 0.570 | 0.150 | 10.000 | 7.85 | 483.246 | |
| Vertical stiffener-2 10 mm plate | 24*3 | 0.692 | 0.150 | 10.000 | 7.85 | 586.678 | |
| Vertical stiffener-3 10 mm plate | 24*3 | 0.316 | 0.150 | 10.000 | 7.85 | 267.905 | |
| Vertical stiffener-4 10 mm plate | 24*3 | 0.366 | 0.150 | 10.000 | 7.85 | 310.295 | |
| Vertical stiffener-5 10 mm plate | 24*3 | 0.492 | 0.150 | 10.000 | 7.85 | 417.118 | |

| | | | | | | | |
|---|------|--------|-------|--------|------|---------|--|
| Vertical stiffener-6 10 mm plate | 24*3 | 0.341 | 0.150 | 10.000 | 7.85 | 289.100 | |
| Full depth stiffener flange 10 mm plate | 3*3 | 0.474 | 0.150 | 10.000 | 7.85 | 50.233 | |
| Full depth stiffener flange 10 mm plate | 5*3 | 0.500 | 0.150 | 10.000 | 7.85 | 88.313 | |
| Full depth stiffener flange 10 mm plate | 5*3 | 0.220 | 0.150 | 10.000 | 7.85 | 38.858 | |
| Full depth stiffener flange 10 mm plate | 5*3 | 0.250 | 0.150 | 10.000 | 7.85 | 44.157 | |
| Full depth stiffener flange 10 mm plate | 5*3 | 0.260 | 0.150 | 10.000 | 7.85 | 45.923 | |
| Vertical seal seat - 20 mm plate | 2*3 | 3.000 | 0.105 | 20.000 | 7.85 | 296.730 | |
| Full depth stiffener flange 10 mm plate | 4*3 | 0.570 | 0.250 | 10.000 | 7.85 | 134.235 | |
| Full depth stiffener flange 10 mm plate | 4*3 | 0.570 | 0.450 | 10.000 | 7.85 | 241.623 | |
| Splice plate 10mm U/S | 1*3 | 11.869 | 0.150 | 10.000 | 7.85 | 419.273 | |
| Splice plate 10mm D/S | 1*3 | 12.080 | 0.150 | 10.000 | 7.85 | 426.726 | |
| Splice plate 10mm End box | 4*3 | 0.450 | 0.150 | 10.000 | 7.85 | 63.586 | |
| Splice plate 10mm End box | 6*3 | 0.500 | 0.150 | 10.000 | 7.85 | 105.975 | |
| Seal seat Vertical bottom 10 mm plate | 2*3 | 3.000 | 0.040 | 10.000 | 7.85 | 56.520 | |
| Seal seat Vertical bottom 10 mm plate | 2*3 | 3.000 | 0.157 | 10.000 | 7.85 | 221.841 | |
| Seal clamp Horizontal 10 mm plate | 2*3 | 12.080 | 0.080 | 10.000 | 7.85 | 455.175 | |
| Seal guard 20 mm plate | 1*3 | 11.746 | 0.020 | 20.000 | 7.85 | 110.648 | |
| Side guide plate-1 12mm plate | 4*3 | 0.200 | 0.200 | 12.000 | 7.85 | 45.217 | |
| Side guide shoe 10 mm plate | 8*3 | 0.210 | 0.075 | 10.000 | 7.85 | 29.673 | |

| | | | | | | | |
|--|------|--------|--------|--------|------|----------|--|
| Side guide plate-2 30mm plate | 4*3 | 0.116 | 0.053 | 30.000 | 7.85 | 17.375 | |
| guide shoe-2- 40 mm plate | 4*3 | 0.150 | 0.040 | 40.000 | 7.85 | 22.608 | |
| Lifting bracket 12mm plate | 4*3 | 0.8150 | 0.440 | 12.000 | 7.85 | 405.362 | |
| Lifting bracket 12mm plate | 4*3 | 0.400 | 0.450 | 12.000 | 7.85 | 203.472 | |
| Lock plate 10mm | 2*3 | 0.120 | 0.090 | 10.000 | 7.85 | 5.087 | |
| Lock plate 10mm | 8*3 | 0.120 | 0.050 | 10.000 | 7.85 | 11.304 | |
| Lifting pin dia 90 | 2*3 | 0.100 | 0.226 | 90.000 | 7.85 | 95.802 | |
| Bottom Block(7.4x3m)(2 Nos) | | | | | | | |
| Bottom block frame - 16mm plate | 4*2 | 1.286 | 0.720 | 16.000 | 7.85 | 930.365 | |
| Longitudnel plate - 16mm plate | 4*2 | 1.286 | 0.200 | 16.000 | 7.85 | 258.435 | |
| Side plate-16mm plate | 4*2 | 0.220 | 0.100 | 16.000 | 7.85 | 22.106 | |
| Stiffner plate-12mm plate | 22*2 | 0.180 | 0.058 | 12.000 | 7.85 | 43.272 | |
| Cover plate 10mm | 6*2 | 0.150 | 0.110 | 10.000 | 7.85 | 15.543 | |
| Rope Cover plate 3.15mm | 2*2 | 0.740 | 0.110 | 3.150 | 7.85 | 8.052 | |
| (7.4x3 M) shutter (2Nos) | | | | | | | |
| Skin plate 10mm plate | 1*2 | 7.754 | 3.000 | 10.000 | 7.85 | 3652.134 | |
| End box plate 12mm plate | 4*2 | 3.000 | 0.490 | 12.000 | 7.85 | 1107.792 | |
| Stiffener plate Roller 8mmplate | 8*2 | 0.200 | 0.200 | 10.000 | 7.85 | 50.241 | |
| Roller support plate-1 8mm plate | 8*2 | 0.200 | 0.200 | 10.000 | 7.85 | 50.241 | |
| Roller support plate-2 Dia 180x20mm plate | 8*2 | 0.180 | 0.180 | 20.000 | 7.85 | 81.389 | |
| Roller support plate-3 10 mm plate | 8*2 | 0.200 | 0.200 | 10.000 | 7.85 | 50.241 | |
| Roller support plate-1 10mm plate | 8*2 | 0.200 | 0.3200 | 10.000 | 7.85 | 80.384 | |

| | | | | | | | |
|--|------|-------|-------|--------|------|----------|--|
| End box stiffener plate 8mm plate | 20*2 | 0.485 | 0.170 | 8.000 | 7.85 | 207.115 | |
| Horizontal girder web 10 mm plate | 4*2 | 7.838 | 1.000 | 10.000 | 7.85 | 4922.264 | |
| Horizontal girder flange 12 mm plate | 2*2 | 8.780 | 0.240 | 12.000 | 7.85 | 793.993 | |
| Horizontal girder flange-1 12 mm plate | 2*2 | 8.780 | 0.240 | 12.000 | 7.85 | 793.993 | |
| Web stiffener 8 mm plate | 32*2 | 0.850 | 0.090 | 8.000 | 7.85 | 307.469 | |
| Pad plate Web 10 mm plate | 4*2 | 0.912 | 0.175 | 10.000 | 7.85 | 100.229 | |
| Full depth stiffener web-1 8 mm plate | 3*2 | 1.000 | 0.570 | 8.000 | 7.85 | 214.776 | |
| Full depth stiffener web-2 8 mm plate | 3*2 | 1.000 | 0.692 | 8.000 | 7.85 | 260.746 | |
| Full depth stiffener web-3 8 mm plate | 5*2 | 1.000 | 0.684 | 8.000 | 7.85 | 429.552 | |
| Full depth stiffener web-4 8 mm plate | 5*2 | 1.000 | 0.316 | 8.000 | 7.85 | 198.448 | |
| Full depth stiffener web-4 8 mm plate | 5*2 | 1.000 | 0.492 | 8.000 | 7.85 | 308.976 | |
| Full depth stiffener web-4 8 mm plate | 5*2 | 1.000 | 0.341 | 8.000 | 7.85 | 214.148 | |
| Vertical stiffener-1 10 mm plate | 24*2 | 0.570 | 0.150 | 10.000 | 7.85 | 322.164 | |
| Vertical stiffener-2 10 mm plate | 24*2 | 0.692 | 0.150 | 10.000 | 7.85 | 391.119 | |
| Vertical stiffener-3 10 mm plate | 24*2 | 0.316 | 0.150 | 10.000 | 7.85 | 178.604 | |
| Vertical stiffener-4 10 mm plate | 24*2 | 0.366 | 0.150 | 10.000 | 7.85 | 206.864 | |
| Vertical stiffener-5 10 mm plate | 24*2 | 0.492 | 0.150 | 10.000 | 7.85 | 278.079 | |
| Vertical stiffener-6 10 mm plate | 24*2 | 0.341 | 0.150 | 10.000 | 7.85 | 192.734 | |
| Full depth stiffener flange 10 mm plate | 3*2 | 0.474 | 0.150 | 10.000 | 7.85 | 33.489 | |

| | | | | | | | |
|---|-----|-------|-------|--------|------|---------|--|
| Full depth stiffener flange 10 mm plate | 5*2 | 0.500 | 0.150 | 10.000 | 7.85 | 58.875 | |
| Full depth stiffener flange 10 mm plate | 5*2 | 0.220 | 0.150 | 10.000 | 7.85 | 25.905 | |
| Full depth stiffener flange 10 mm plate | 5*2 | 0.250 | 0.150 | 10.000 | 7.85 | 29.438 | |
| Full depth stiffener flange 10 mm plate | 5*2 | 0.260 | 0.150 | 10.000 | 7.85 | 30.616 | |
| Vertical seal seat - 20 mm plate | 2*2 | 3.000 | 0.105 | 20.000 | 7.85 | 197.820 | |
| Full depth stiffener flange 10 mm plate | 4*2 | 0.570 | 0.250 | 10.000 | 7.85 | 89.490 | |
| Full depth stiffener flange 10 mm plate | 4*2 | 0.570 | 0.450 | 10.000 | 7.85 | 161.082 | |
| Splice plate 10mm U/S | 1*2 | 8.269 | 0.150 | 10.000 | 7.85 | 194.735 | |
| Splice plate 10mm D/S | 1*2 | 8.780 | 0.150 | 10.000 | 7.85 | 206.769 | |
| Splice plate 10mm End box | 4*2 | 0.450 | 0.150 | 10.000 | 7.85 | 42.390 | |
| Splice plate 10mm End box | 6*2 | 0.500 | 0.150 | 10.000 | 7.85 | 70.650 | |
| Seal seat Vertical bottom 10 mm plate | 2*2 | 3.000 | 0.040 | 10.000 | 7.85 | 37.680 | |
| Seal seat Vertical bottom 10 mm plate | 2*2 | 3.000 | 0.157 | 10.000 | 7.85 | 147.894 | |
| Seal clamp Horizontal 10 mm plate | 2*2 | 8.780 | 0.080 | 10.000 | 7.85 | 220.554 | |
| Seal guard 20 mm plate | 1*2 | 8.146 | 0.020 | 20.000 | 7.85 | 51.157 | |
| Side guide plate-1 12mm plate | 4*2 | 0.200 | 0.200 | 12.000 | 7.85 | 30.145 | |
| Side guide shoe 10 mm plate | 8*2 | 0.210 | 0.075 | 10.000 | 7.85 | 19.782 | |
| Side guide plate-2 30mm plate | 4*2 | 0.116 | 0.053 | 30.000 | 7.85 | 11.583 | |
| guide shoe-2- 40 mm plate | 4*2 | 0.150 | 0.040 | 40.000 | 7.85 | 15.072 | |

| | | | | | | | | |
|---|--|------|-------|-------|--------|------|----------------------|--|
| | Lifting bracket 12mm plate | 4*2 | 0.815 | 0.440 | 12.000 | 7.85 | 270.241 | |
| | Lifting bracket 12mm plate | 4*2 | 0.400 | 0.450 | 12.000 | 7.85 | 135.648 | |
| | Lock plate 10mm | 2*2 | 0.120 | 0.090 | 10.000 | 7.85 | 3.392 | |
| | Lock plate 10mm | 8*2 | 0.120 | 0.050 | 10.000 | 7.85 | 7.536 | |
| | Lifting pin dia 90 | 2*2 | 0.100 | 0.226 | 90.000 | 7.85 | 63.868 | |
| | Bottom Block(12x3m)(3 Nos) | | | | | | | |
| | Bottom block frame - 16mm plate | 4*3 | 1.286 | 0.720 | 16.000 | 7.85 | 1395.547 | |
| | Longitudnel plate - 16mm plate | 4*3 | 1.286 | 0.200 | 16.000 | 7.85 | 387.652 | |
| | Side plate-16mm plate | 4*3 | 0.220 | 0.100 | 16.000 | 7.85 | 33.159 | |
| | Stiffner plate-12mm plate | 22*3 | 0.180 | 0.058 | 12.000 | 7.85 | 64.908 | |
| | Cover plate 10mm | 6*3 | 0.150 | 0.110 | 10.000 | 7.85 | 23.315 | |
| | Rope Cover plate 3.15mm | 2*3 | 0.740 | 0.110 | 10.000 | 3.15 | 15.385 | |
| | Total Quantity | | | | | | 55379.633 kg | |
| | Total Deducted Quantity | | | | | | 0.000 kg | |
| | Net Total Quantity | | | | | | 55379.633 kg | |
| | Say 55379.633 kg @ Rs 64.18 / kg | | | | | | Rs 3554264.85 | |
| 2 | 85.102 Supply of MS Tees, Angles, Joists, ISMB, ISMC confirming to IS2062GrA/B including cost of conveyance charges | | | | | | | |
| | Shutter (7.4x3) (2 Nos) Shutter | | | | | | | |
| | Brasing top ISMC 200x75 | 1*2 | 7.754 | | | 22.1 | 342.727 | |
| | Brasing angle top ISA 100x100x8 | 4*2 | 0.986 | | | 12.1 | 95.445 | |
| | Brasing angle top ISA 100x100x8 | 4*2 | 0.692 | | | 12.1 | 66.986 | |
| | Brasing angle top ISA 100x100x8 | 4*2 | 0.492 | | | 12.1 | 47.626 | |
| | Side seal clamp ISA 75x75x8 | 2*2 | 3.000 | | | 8.9 | 106.801 | |
| | Bottom block (7.4x3)(2 Nos) | | | | | | | |

| | | | | | | | | | |
|---|---|-------|--------|--|--|------|---------------------|--|--|
| | Locking angle ISA 75x75x8 | 8*2 | 0.400 | | | 8.9 | 56.961 | | |
| | Bottom block (12x3)(3 Nos) | | | | | | | | |
| | Locking angle ISA 75x75x8 | 8*3 | 0.400 | | | 8.9 | 85.441 | | |
| | Shutter (12x3).(3 Nos) | | | | | | | | |
| | Brasing top ISMC 200x75 | 1*3 | 12.790 | | | 22.1 | 847.977 | | |
| | Brasing angle top ISA 100x100x8 | 4*3 | 0.986 | | | 12.1 | 143.168 | | |
| | Brasing angle top ISA 100x100x8 | 4*3 | 0.692 | | | 12.1 | 100.479 | | |
| | Brasing angle top ISA 100x100x8 | 4*3 | 0.492 | | | 12.1 | 71.439 | | |
| | Side seal clamp ISA 75x75x8 | 2*3 | 3.000 | | | 8.9 | 160.201 | | |
| | Total Quantity | | | | | | 2125.251 kg | | |
| | Total Deducted Quantity | | | | | | 0.000 kg | | |
| | Net Total Quantity | | | | | | 2125.251 kg | | |
| | Other Engineering Say 2125.251 kg @ Rs 66.13 / kg | | | | | | Rs 140542.85 | | |
| 3 | od139130/2020_2021 Cost of MS Bolt& Nuts | | | | | | | | |
| | (12 x 3 M) Shutter 3 Nos | | | | | | | | |
| | M 12x50 hex.bolt | 64*3 | | | | 0.08 | 14.400 | | |
| | M 16x35 hex.bolt | 40*3 | | | | 0.12 | 14.280 | | |
| | M 16x45 hex.bolt | 300*3 | | | | 0.13 | 120.601 | | |
| | M 16x50 hex.bolt with nut | 24*3 | | | | 0.14 | 10.224 | | |
| | M 16x55 hex.bolt with nut | 176*3 | | | | 0.15 | 79.200 | | |
| | M 16x70 hex.bolt with nut | 100*3 | | | | 0.17 | 51.900 | | |
| | (7.4x3.M) shutter.(2 Nos) | | | | | | | | |
| | M 12x50 hex.bolt | 64*2 | | | | 0.08 | 9.600 | | |
| | M 16x35 hex.bolt | 40*2 | | | | 0.12 | 9.520 | | |
| | M 16x45 hex.bolt | 300*2 | | | | 0.13 | 80.400 | | |

| | | | | | | | | | |
|---|---|-------|--------|--|--|------|--------------------|--|--|
| | M 16x50 hex.bolt with nut | 24*2 | | | | 0.14 | 6.816 | | |
| | M 16x55 hex.bolt with nut | 176*2 | | | | 0.15 | 52.800 | | |
| | M 16x70 hex.bolt with nut | 100*2 | | | | 0.17 | 34.600 | | |
| | Total Quantity | | | | | | 484.341 kg | | |
| | Total Deducted Quantity | | | | | | 0.000 kg | | |
| | Net Total Quantity | | | | | | 484.341 kg | | |
| | Say 484.341 kg @ Rs 77.77 / kg | | | | | | Rs 37667.20 | | |
| 4 | 85.110 Fabrication and supply of Structural steel wheel gate and accessories as per approved specifications, drawings and directions of deptl officer at site including cost of labour, machinery, all leads and lifts, incidental and handling charges etc complete but excluding cost of material already supplied | | | | | | | | |
| | Shutter (7.4x3) (2 Nos) Shutter | | | | | | | | |
| | Brasing top ISMC 200x75 | 2*2 | 7.754 | | | 22.1 | 685.454 | | |
| | Brasing angle top ISA 100x100x8 | 4*2 | 0.986 | | | 12.1 | 95.445 | | |
| | Brasing angle top ISA 100x100x8 | 4*2 | 0.692 | | | 12.1 | 66.986 | | |
| | Brasing angle top ISA 100x100x8 | 4*2 | 0.492 | | | 12.1 | 47.626 | | |
| | Side seal clamp ISA 75x75x8 | 2*2 | 0.492 | | | 8.9 | 17.516 | | |
| | Bottom block (7.4x3)(2 Nos) | | | | | | | | |
| | Locking angle ISA 75x75x8 | 8*2 | 0.400 | | | 8.9 | 56.961 | | |
| | Bottom block (12x3)(3 Nos) | | | | | | | | |
| | Locking angle ISA 75x75x8 | 8*3 | 0.400 | | | 8.9 | 85.441 | | |
| | Shutter (12x3).(3 Nos) | | | | | | | | |
| | Brasing top ISMC 200x75 | 1*3 | 12.790 | | | 22.1 | 847.977 | | |
| | Brasing angle top ISA 100x100x8 | 4*3 | 0.986 | | | 12.1 | 143.168 | | |

| | | | | | | | | |
|--|--|------|--------|-------|--------|------|-----------|--|
| | Brasing angle top ISA 100x100x8 | 4*3 | 0.692 | | | 12.1 | 100.479 | |
| | Brasing angle top ISA 100x100x8 | 4*3 | 0.492 | | | 12.1 | 71.439 | |
| | Side seal clamp ISA 75x75x8 | 2*3 | 3.000 | | | 8.9 | 160.201 | |
| | (12x3)m Shutter 3 Nos | | | | | | | |
| | Skin plate 10mm plate | 1*3 | 12.350 | 1.700 | 10.000 | 7.85 | 4944.323 | |
| | Skin plate 10mm plate | 1*3 | 12.350 | 1.300 | 10.000 | 7.85 | 3780.953 | |
| | End box plate 12mm plate | 4*3 | 1.700 | 0.490 | 12.000 | 7.85 | 941.624 | |
| | End box plate 12mm plate | 4*3 | 1.300 | 0.490 | 12.000 | 7.85 | 720.065 | |
| | Stiffener plate Roller 8mmplate | 8*3 | 0.200 | 0.200 | 10.000 | 7.85 | 75.361 | |
| | Roller support plate-1 8mm plate | 8*3 | 0.200 | 0.200 | 10.000 | 7.85 | 75.361 | |
| | Roller support plate-2 Dia 180x20mm plate | 8*3 | 0.180 | 0.180 | 20.000 | 7.85 | 122.084 | |
| | Roller support plate-3 10 mm plate | 8*3 | 0.200 | 0.200 | 10.000 | 7.85 | 75.361 | |
| | Roller support plate-1 10mm plate | 8*3 | 0.200 | 0.320 | 10.000 | 7.85 | 120.576 | |
| | End box stiffener plate 8mm plate | 20*3 | 0.485 | 0.170 | 8.000 | 7.85 | 310.672 | |
| | Horizontal girder web 10 mm plate | 4*3 | 11.936 | 1.000 | 10.000 | 7.85 | 11243.712 | |
| | Horizontal girder flange 12 mm plate | 2*3 | 12.790 | 0.240 | 12.000 | 7.85 | 1734.938 | |
| | Horizontal girder flange-1 12 mm plate | 2*3 | 12.790 | 0.200 | 12.000 | 7.85 | 1445.782 | |
| | Web stiffener 8 mm plate | 32*3 | 0.850 | 0.090 | 8.000 | 7.85 | 461.204 | |
| | Pad plate Web 10 mm plate | 4*3 | 0.912 | 0.175 | 10.000 | 7.85 | 150.344 | |
| | Full depth stiffener web-1 8 mm plate | 3*3 | 1.000 | 0.570 | 8.000 | 7.85 | 322.164 | |

| | | | | | | | | |
|--|---|------|-------|-------|--------|------|---------|--|
| | Full depth stiffener web-2 8 mm plate | 3*3 | 1.000 | 0.692 | 8.000 | 7.85 | 391.119 | |
| | Full depth stiffener web-3 8 mm plate | 5*3 | 1.000 | 0.684 | 8.000 | 7.85 | 644.329 | |
| | Full depth stiffener web-4 8 mm plate | 5*3 | 1.000 | 0.316 | 8.000 | 7.85 | 297.672 | |
| | Full depth stiffener web-4 8 mm plate | 5*3 | 1.000 | 0.492 | 8.000 | 7.85 | 463.464 | |
| | Full depth stiffener web-4 8 mm plate | 5*3 | 1.000 | 0.341 | 8.000 | 7.85 | 321.222 | |
| | Vertical stiffener-1 10 mm plate | 24*3 | 0.570 | 0.150 | 10.000 | 7.85 | 483.246 | |
| | Vertical stiffener-2 10 mm plate | 24*3 | 0.692 | 0.150 | 10.000 | 7.85 | 586.678 | |
| | Vertical stiffener-3 10 mm plate | 24*3 | 0.316 | 0.150 | 10.000 | 7.85 | 267.905 | |
| | Vertical stiffener-4 10 mm plate | 24*3 | 0.366 | 0.150 | 10.000 | 7.85 | 310.295 | |
| | Vertical stiffener-5 10 mm plate | 24*3 | 0.492 | 0.150 | 10.000 | 7.85 | 417.118 | |
| | Vertical stiffener-6 10 mm plate | 24*3 | 0.341 | 0.150 | 10.000 | 7.85 | 289.100 | |
| | Full depth stiffener flange 10 mm plate | 3*3 | 0.474 | 0.150 | 10.000 | 7.85 | 50.233 | |
| | Full depth stiffener flange 10 mm plate | 5*3 | 0.500 | 0.150 | 10.000 | 7.85 | 88.313 | |
| | Full depth stiffener flange 10 mm plate | 5*3 | 0.220 | 0.150 | 10.000 | 7.85 | 38.858 | |
| | Full depth stiffener flange 10 mm plate | 5*3 | 0.250 | 0.150 | 10.000 | 7.85 | 44.157 | |
| | Full depth stiffener flange 10 mm plate | 5*3 | 0.260 | 0.150 | 10.000 | 7.85 | 45.923 | |
| | Vertical seal seat - 20 mm plate | 2*3 | 3.000 | 0.105 | 20.000 | 7.85 | 296.730 | |
| | Full depth stiffener flange 10 mm plate | 4*3 | 0.570 | 0.250 | 10.000 | 7.85 | 134.235 | |
| | Full depth stiffener flange 10 mm plate | 4*3 | 0.570 | 0.450 | 10.000 | 7.85 | 241.623 | |

| | | | | | | | |
|---------------------------------------|-----|--------|-------|--------|------|---------|--|
| Splice plate 10mm U/S | 1*3 | 11.869 | 0.150 | 10.000 | 7.85 | 419.273 | |
| Splice plate 10mm D/S | 1*3 | 12.080 | 0.150 | 10.000 | 7.85 | 426.726 | |
| Splice plate 10mm End box | 4*3 | 0.450 | 0.150 | 10.000 | 7.85 | 63.586 | |
| Splice plate 10mm End box | 6*3 | 0.500 | 0.150 | 10.000 | 7.85 | 105.975 | |
| Seal seat Vertical bottom 10 mm plate | 2*3 | 3.000 | 0.040 | 10.000 | 7.85 | 56.520 | |
| Seal seat Vertical bottom 10 mm plate | 2*3 | 3.000 | 0.157 | 10.000 | 7.85 | 221.841 | |
| Seal clamp Horizontal 10 mm plate | 2*3 | 12.080 | 0.080 | 10.000 | 7.85 | 455.175 | |
| Seal guard 20 mm plate | 1*3 | 11.746 | 0.020 | 20.000 | 7.85 | 110.648 | |
| Side guide plate-1 12mm plate | 4*3 | 0.200 | 0.200 | 12.000 | 7.85 | 45.217 | |
| Side guide shoe 10 mm plate | 8*3 | 0.210 | 0.075 | 10.000 | 7.85 | 29.673 | |
| Side guide plate-2 30mm plate | 4*3 | 0.116 | 0.053 | 30.000 | 7.85 | 17.375 | |
| guide shoe-2- 40 mm plate | 4*3 | 0.150 | 0.040 | 40.000 | 7.85 | 22.608 | |
| Lifting bracket 12mm plate | 4*3 | 0.8150 | 0.440 | 12.000 | 7.85 | 405.362 | |
| Lifting bracket 12mm plate | 4*3 | 0.400 | 0.450 | 12.000 | 7.85 | 203.472 | |
| Lock plate 10mm | 2*3 | 0.120 | 0.090 | 10.000 | 7.85 | 5.087 | |
| Lock plate 10mm | 8*3 | 0.120 | 0.050 | 10.000 | 7.85 | 11.304 | |
| Lifting pin dia 90 | 2*3 | 0.100 | 0.226 | 90.000 | 7.85 | 95.802 | |
| Bottom Block(7.4x3m)(2 Nos) | | | | | | | |
| Bottom block frame - 16mm plate | 4*2 | 1.286 | 0.720 | 16.000 | 7.85 | 930.365 | |
| Longitudnel plate - 16mm plate | 4*2 | 1.286 | 0.200 | 16.000 | 7.85 | 258.435 | |
| Side plate-16mm plate | 4*2 | 0.220 | 0.100 | 16.000 | 7.85 | 22.106 | |

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|--|---|------|-------|--------|--------|------|----------|--|
| | Stiffner plate-12mm plate | 22*2 | 0.180 | 0.058 | 12.000 | 7.85 | 43.272 | |
| | Cover plate 10mm | 6*2 | 0.150 | 0.110 | 10.000 | 7.85 | 15.543 | |
| | Rope Cover plate 3.15mm | 2*2 | 0.740 | 0.110 | 3.150 | 7.85 | 8.052 | |
| | (7.4x3 M) shutter (2Nos) | | | | | | | |
| | Skin plate 10mm plate | 1*2 | 7.754 | 3.000 | 10.000 | 7.85 | 3652.134 | |
| | End box plate 12mm plate | 4*2 | 3.000 | 0.490 | 12.000 | 7.85 | 1107.792 | |
| | Stiffener plate Roller 8mm plate | 8*2 | 0.200 | 0.200 | 10.000 | 7.85 | 50.241 | |
| | Roller support plate-1 8mm plate | 8*2 | 0.200 | 0.200 | 10.000 | 7.85 | 50.241 | |
| | Roller support plate-2 Dia 180x20mm plate | 8*2 | 0.180 | 0.180 | 20.000 | 7.85 | 81.389 | |
| | Roller support plate-3 10 mm plate | 8*2 | 0.200 | 0.200 | 10.000 | 7.85 | 50.241 | |
| | Roller support plate-1 10mm plate | 8*2 | 0.200 | 0.3200 | 10.000 | 7.85 | 80.384 | |
| | End box stiffener plate 8mm plate | 20*2 | 0.485 | 0.170 | 8.000 | 7.85 | 207.115 | |
| | Horizontal girder web 10 mm plate | 4*2 | 7.838 | 1.000 | 10.000 | 7.85 | 4922.264 | |
| | Horizontal girder flange 12 mm plate | 2*2 | 8.780 | 0.240 | 12.000 | 7.85 | 793.993 | |
| | Horizontal girder flange-1 12 mm plate | 2*2 | 8.780 | 0.240 | 12.000 | 7.85 | 793.993 | |
| | Web stiffener 8 mm plate | 32*2 | 0.850 | 0.090 | 8.000 | 7.85 | 307.469 | |
| | Pad plate Web 10 mm plate | 4*2 | 0.912 | 0.175 | 10.000 | 7.85 | 100.229 | |
| | Full depth stiffener web-1 8 mm plate | 3*2 | 1.000 | 0.570 | 8.000 | 7.85 | 214.776 | |
| | Full depth stiffener web-2 8 mm plate | 3*2 | 1.000 | 0.692 | 8.000 | 7.85 | 260.746 | |
| | Full depth stiffener web-3 8 mm plate | 5*2 | 1.000 | 0.684 | 8.000 | 7.85 | 429.552 | |

| | | | | | | | |
|---|------|-------|-------|--------|------|---------|--|
| Full depth stiffener web-4 8 mm plate | 5*2 | 1.000 | 0.316 | 8.000 | 7.85 | 198.448 | |
| Full depth stiffener web-4 8 mm plate | 5*2 | 1.000 | 0.492 | 8.000 | 7.85 | 308.976 | |
| Full depth stiffener web-4 8 mm plate | 5*2 | 1.000 | 0.341 | 8.000 | 7.85 | 214.148 | |
| Vertical stiffener-1 10 mm plate | 24*2 | 0.570 | 0.150 | 10.000 | 7.85 | 322.164 | |
| Vertical stiffener-2 10 mm plate | 24*2 | 0.692 | 0.150 | 10.000 | 7.85 | 391.119 | |
| Vertical stiffener-3 10 mm plate | 24*2 | 0.316 | 0.150 | 10.000 | 7.85 | 178.604 | |
| Vertical stiffener-4 10 mm plate | 24*2 | 0.366 | 0.150 | 10.000 | 7.85 | 206.864 | |
| Vertical stiffener-5 10 mm plate | 24*2 | 0.492 | 0.150 | 10.000 | 7.85 | 278.079 | |
| Vertical stiffener-6 10 mm plate | 24*2 | 0.341 | 0.150 | 10.000 | 7.85 | 192.734 | |
| Full depth stiffener flange 10 mm plate | 3*2 | 0.474 | 0.150 | 10.000 | 7.85 | 33.489 | |
| Full depth stiffener flange 10 mm plate | 5*2 | 0.500 | 0.150 | 10.000 | 7.85 | 58.875 | |
| Full depth stiffener flange 10 mm plate | 5*2 | 0.220 | 0.150 | 10.000 | 7.85 | 25.905 | |
| Full depth stiffener flange 10 mm plate | 5*2 | 0.250 | 0.150 | 10.000 | 7.85 | 29.438 | |
| Full depth stiffener flange 10 mm plate | 5*2 | 0.260 | 0.150 | 10.000 | 7.85 | 30.616 | |
| Vertical seal seat - 20 mm plate | 2*2 | 3.000 | 0.105 | 20.000 | 7.85 | 197.820 | |
| Full depth stiffener flange 10 mm plate | 4*2 | 0.570 | 0.250 | 10.000 | 7.85 | 89.490 | |
| Full depth stiffener flange 10 mm plate | 4*2 | 0.570 | 0.450 | 10.000 | 7.85 | 161.082 | |
| Splice plate 10mm U/S | 1*2 | 8.269 | 0.150 | 10.000 | 7.85 | 194.735 | |
| Splice plate 10mm D/S | 1*2 | 8.780 | 0.150 | 10.000 | 7.85 | 206.769 | |

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|--|--|------|-------|-------|--------|------|----------|--|
| | Splice plate 10mm End box | 4*2 | 0.450 | 0.150 | 10.000 | 7.85 | 42.390 | |
| | Splice plate 10mm End box | 6*2 | 0.500 | 0.150 | 10.000 | 7.85 | 70.650 | |
| | Seal seat Vertical bottom 10 mm plate | 2*2 | 3.000 | 0.040 | 10.000 | 7.85 | 37.680 | |
| | Seal seat Vertical bottom 10 mm plate | 2*2 | 3.000 | 0.157 | 10.000 | 7.85 | 147.894 | |
| | Seal clamp Horizontal 10 mm plate | 2*2 | 8.780 | 0.080 | 10.000 | 7.85 | 220.554 | |
| | Seal guard 20 mm plate | 1*2 | 8.146 | 0.020 | 20.000 | 7.85 | 51.157 | |
| | Side guide plate-1 12mm plate | 4*2 | 0.200 | 0.200 | 12.000 | 7.85 | 30.145 | |
| | Side guide shoe 10 mm plate | 8*2 | 0.210 | 0.075 | 10.000 | 7.85 | 19.782 | |
| | Side guide plate-2 30mm plate | 4*2 | 0.116 | 0.053 | 30.000 | 7.85 | 11.583 | |
| | guide shoe-2- 40 mm plate | 4*2 | 0.150 | 0.040 | 40.000 | 7.85 | 15.072 | |
| | Lifting bracket 12mm plate | 4*2 | 0.815 | 0.440 | 12.000 | 7.85 | 270.241 | |
| | Lifting bracket 12mm plate | 4*2 | 0.400 | 0.450 | 12.000 | 7.85 | 135.648 | |
| | Lock plate 10mm | 2*2 | 0.120 | 0.090 | 10.000 | 7.85 | 3.392 | |
| | Lock plate 10mm | 8*2 | 0.120 | 0.050 | 10.000 | 7.85 | 7.536 | |
| | Lifting pin dia 90 | 2*2 | 0.100 | 0.226 | 90.000 | 7.85 | 63.868 | |
| | Bottom Block(12x3m)(3 Nos) | | | | | | | |
| | Bottom block frame - 16mm plate | 4*3 | 1.286 | 0.720 | 16.000 | 7.85 | 1395.547 | |
| | Longitudnel plate - 16mm plate | 4*3 | 1.286 | 0.200 | 16.000 | 7.85 | 387.652 | |
| | Side plate-16mm plate | 4*3 | 0.220 | 0.100 | 16.000 | 7.85 | 33.159 | |
| | Stiffner plate-12mm plate | 22*3 | 0.180 | 0.058 | 12.000 | 7.85 | 64.908 | |
| | Cover plate 10mm | 6*3 | 0.150 | 0.110 | 10.000 | 7.85 | 23.315 | |

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|---|--|-----|--------|-------|--------|------|----------------------|--|
| | Rope Cover plate 3.15mm | 2*3 | 0.740 | 0.110 | 10.000 | 3.15 | 15.385 | |
| | Total Quantity | | | | | | 57758.326 kg | |
| | Total Deducted Quantity | | | | | | 0.000 kg | |
| | Net Total Quantity | | | | | | 57758.326 kg | |
| | Say 57758.326 kg @ Rs 62.86 / kg | | | | | | Rs 3630688.37 | |
| 5 | <p>85.112 Painting all the exposed surfaces of the gate and embedded parts with two coats of epoxy coal tar black paint confirming to IS14948 with a minimum film thickness of 150+/-5 microns per each coat over two coats of priming coat applied with zinc primer containing not less than 85% of zinc dry film with a film thickness of 70+/-5 microns , so that the total film thickness of all coats including priming coat at any rate is not less than 350microns over the grit blasted and cleaned surface to class A standard of IS 14177 including cost of all materials , labour charges , cost of testing all painting materials, all incidental charges, hire of T&P etc complete as per the direction of departmental officer at site</p> | | | | | | | |
| | Shutter (7.4x3) (2 Nos) Shutter | | | | | | | |
| | Brasing top ISMC 200x75 | 2*2 | 7.754 | | | 0.5 | 15.508 | |
| | Brasing angle top ISA 100x100x8 | 4*2 | 0.986 | | | 0.4 | 3.156 | |
| | Brasing angle top ISA 100x100x8 | 4*2 | 0.692 | | | 0.4 | 2.215 | |
| | Brasing angle top ISA 100x100x8 | 4*2 | 0.492 | | | 0.4 | 1.575 | |
| | Side seal clamp ISA 75x75x8 | 2*2 | 3.000 | | | 0.3 | 3.600 | |
| | Bottom block (7.4x3)(2 Nos) | | | | | | | |
| | Locking angle ISA 75x75x8 | 8*2 | 0.400 | | | 0.3 | 1.920 | |
| | Bottom block (12x3)(3 Nos) | | | | | | | |
| | Locking angle ISA 75x75x8 | 8*3 | 0.400 | | | 0.3 | 2.881 | |
| | Shutter (12x3).(3 Nos) | | | | | | | |
| | Brasing top ISMC 200x75 | 1*3 | 12.790 | | | 0.5 | 19.185 | |
| | Brasing angle top ISA 100x100x8 | 4*3 | 0.986 | | | 0.4 | 4.733 | |
| | Brasing angle top ISA 100x100x8 | 4*3 | 0.692 | | | 0.4 | 3.322 | |

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|--|--|------|--------|-------|--|-----|---------|--|
| | Brasing angle top ISA 100x100x8 | 4*3 | 0.492 | | | 0.4 | 2.362 | |
| | Side seal clamp ISA 75x75x8 | 2*3 | 3.000 | | | 0.3 | 5.400 | |
| | (12x3)m Shutter 3 Nos | | | | | | | |
| | Skin plate 10mm plate | 1*3 | 12.350 | 1.700 | | 2.0 | 125.970 | |
| | Skin plate 10mm plate | 1*3 | 12.350 | 1.300 | | 2.0 | 96.330 | |
| | End box plate 12mm plate | 4*3 | 1.700 | 0.490 | | 2.0 | 19.992 | |
| | End box plate 12mm plate | 4*3 | 1.300 | 0.490 | | 2.0 | 15.288 | |
| | Stiffener plate Roller 8mmplate | 8*3 | 0.200 | 0.200 | | 2.0 | 1.921 | |
| | Roller support plate-1 8mm plate | 8*3 | 0.200 | 0.200 | | 2.0 | 1.921 | |
| | Roller support plate-2 Dia 180x20mm plate | 8*3 | 0.180 | 0.180 | | 2.0 | 1.556 | |
| | Roller support plate-3 10 mm plate | 8*3 | 0.200 | 0.200 | | 2.0 | 1.921 | |
| | Roller support plate-1 10mm plate | 8*3 | 0.200 | 0.320 | | 2.0 | 3.072 | |
| | End box stiffener plate 8mm plate | 20*3 | 0.485 | 0.170 | | 2.0 | 9.895 | |
| | Horizontal girder web 10 mm plate | 4*3 | 11.936 | 1.000 | | 2.0 | 286.464 | |
| | Horizontal girder flange 12 mm plate | 2*3 | 12.790 | 0.240 | | 2.0 | 36.836 | |
| | Horizontal girder flange-1 12 mm plate | 2*3 | 12.790 | 0.200 | | 2.0 | 30.696 | |
| | Web stiffener 8 mm plate | 32*3 | 0.850 | 0.090 | | 2.0 | 14.688 | |
| | Pad plate Web 10 mm plate | 4*3 | 0.912 | 0.175 | | 2.0 | 3.831 | |
| | Full depth stiffener web-1 8 mm plate | 3*3 | 1.000 | 0.570 | | 2.0 | 10.260 | |
| | Full depth stiffener web-2 8 mm plate | 3*3 | 1.000 | 0.692 | | 2.0 | 12.456 | |

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|---|------|--------|-------|--|-----|--------|--|
| Full depth stiffener web-3 8 mm plate | 5*3 | 1.000 | 0.684 | | 2.0 | 20.521 | |
| Full depth stiffener web-4 8 mm plate | 5*3 | 1.000 | 0.316 | | 2.0 | 9.480 | |
| Full depth stiffener web-4 8 mm plate | 5*3 | 1.000 | 0.492 | | 2.0 | 14.760 | |
| Full depth stiffener web-4 8 mm plate | 5*3 | 1.000 | 0.341 | | 2.0 | 10.230 | |
| Vertical stiffener-1 10 mm plate | 24*3 | 0.570 | 0.150 | | 2.0 | 12.312 | |
| Vertical stiffener-2 10 mm plate | 24*3 | 0.692 | 0.150 | | 2.0 | 14.948 | |
| Vertical stiffener-3 10 mm plate | 24*3 | 0.316 | 0.150 | | 2.0 | 6.826 | |
| Vertical stiffener-4 10 mm plate | 24*3 | 0.366 | 0.150 | | 2.0 | 7.906 | |
| Vertical stiffener-5 10 mm plate | 24*3 | 0.492 | 0.150 | | 2.0 | 10.628 | |
| Vertical stiffener-6 10 mm plate | 24*3 | 0.341 | 0.150 | | 2.0 | 7.366 | |
| Full depth stiffener flange 10 mm plate | 3*3 | 0.474 | 0.150 | | 2.0 | 1.280 | |
| Full depth stiffener flange 10 mm plate | 5*3 | 0.500 | 0.150 | | 2.0 | 2.250 | |
| Full depth stiffener flange 10 mm plate | 5*3 | 0.220 | 0.150 | | 2.0 | 0.990 | |
| Full depth stiffener flange 10 mm plate | 5*3 | 0.250 | 0.150 | | 2.0 | 1.125 | |
| Full depth stiffener flange 10 mm plate | 5*3 | 0.260 | 0.150 | | 2.0 | 1.170 | |
| Vertical seal seat - 20 mm plate | 2*3 | 3.000 | 0.105 | | 2.0 | 3.781 | |
| Full depth stiffener flange 10 mm plate | 4*3 | 0.570 | 0.250 | | 2.0 | 3.420 | |
| Full depth stiffener flange 10 mm plate | 4*3 | 0.570 | 0.450 | | 2.0 | 6.157 | |
| Splice plate 10mm U/S | 1*3 | 11.869 | 0.150 | | 2.0 | 10.683 | |

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|--|---------------------------------------|------|--------|-------|--|-----|--------|--|
| | Splice plate 10mm D/S | 1*3 | 12.080 | 0.150 | | 2.0 | 10.872 | |
| | Splice plate 10mm End box | 4*3 | 0.450 | 0.150 | | 2.0 | 1.620 | |
| | Splice plate 10mm End box | 6*3 | 0.500 | 0.150 | | 2.0 | 2.700 | |
| | Seal seat Vertical bottom 10 mm plate | 2*3 | 3.000 | 0.040 | | 2.0 | 1.440 | |
| | Seal seat Vertical bottom 10 mm plate | 2*3 | 3.000 | 0.157 | | 2.0 | 5.652 | |
| | Seal clamp Horizontal 10 mm plate | 2*3 | 12.080 | 0.080 | | 2.0 | 11.597 | |
| | Seal guard 20 mm plate | 1*3 | 11.746 | 0.020 | | 2.0 | 1.410 | |
| | Side guide plate-1 12mm plate | 4*3 | 0.200 | 0.200 | | 2.0 | 0.961 | |
| | Side guide shoe 10 mm plate | 8*3 | 0.210 | 0.075 | | 2.0 | 0.756 | |
| | Side guide plate-2 30mm plate | 4*3 | 0.116 | 0.053 | | 2.0 | 0.148 | |
| | guide shoe-2- 40 mm plate | 4*3 | 0.150 | 0.040 | | 2.0 | 0.145 | |
| | Lifting bracket 12mm plate | 4*3 | 0.8150 | 0.440 | | 2.0 | 8.607 | |
| | Lifting bracket 12mm plate | 4*3 | 0.400 | 0.450 | | 2.0 | 4.320 | |
| | Lock plate 10mm | 2*3 | 0.120 | 0.090 | | 2.0 | 0.130 | |
| | Lock plate 10mm | 8*3 | 0.120 | 0.050 | | 2.0 | 0.289 | |
| | Lifting pin dia 90 | 2*3 | 0.100 | 0.226 | | 2.0 | 0.272 | |
| | Bottom Block(7.4x3m)(2 Nos) | | | | | | | |
| | Bottom block frame - 16mm plate | 4*2 | 1.286 | 0.720 | | 2.0 | 14.815 | |
| | Longitudnel plate - 16mm plate | 4*2 | 1.286 | 0.200 | | 2.0 | 4.116 | |
| | Side plate-16mm plate | 4*2 | 0.220 | 0.100 | | 2.0 | 0.353 | |
| | Stiffner plate-12mm plate | 22*2 | 0.180 | 0.058 | | 2.0 | 0.919 | |

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|--|--|------|-------|--------|--|-----|---------|--|
| | Cover plate 10mm | 6*2 | 0.150 | 0.110 | | 2.0 | 0.396 | |
| | Rope Cover plate 3.15mm | 2*2 | 0.740 | 0.110 | | 2.0 | 0.652 | |
| | (7.4x3 M) shutter (2Nos) | | | | | | | |
| | Skin plate 10mm plate | 1*2 | 7.754 | 3.000 | | 2.0 | 93.048 | |
| | End box plate 12mm plate | 4*2 | 3.000 | 0.490 | | 2.0 | 23.520 | |
| | Stiffener plate Roller 8mmplate | 8*2 | 0.200 | 0.200 | | 2.0 | 1.281 | |
| | Roller support plate-1 8mm plate | 8*2 | 0.200 | 0.200 | | 2.0 | 1.281 | |
| | Roller support plate-2 Dia 180x20mm plate | 8*2 | 0.180 | 0.180 | | 2.0 | 1.037 | |
| | Roller support plate-3 10 mm plate | 8*2 | 0.200 | 0.200 | | 2.0 | 1.281 | |
| | Roller support plate-1 10mm plate | 8*2 | 0.200 | 0.3200 | | 2.0 | 2.048 | |
| | End box stiffener plate 8mm plate | 20*2 | 0.485 | 0.170 | | 2.0 | 6.597 | |
| | Horizontal girder web 10 mm plate | 4*2 | 7.838 | 1.000 | | 2.0 | 125.408 | |
| | Horizontal girder flange 12 mm plate | 2*2 | 8.780 | 0.240 | | 2.0 | 16.858 | |
| | Horizontal girder flange-1 12 mm plate | 2*2 | 8.780 | 0.240 | | 2.0 | 16.858 | |
| | Web stiffener 8 mm plate | 32*2 | 0.850 | 0.090 | | 2.0 | 9.792 | |
| | Pad plate Web 10 mm plate | 4*2 | 0.912 | 0.175 | | 2.0 | 2.554 | |
| | Full depth stiffener web-1 8 mm plate | 3*2 | 1.000 | 0.570 | | 2.0 | 6.840 | |
| | Full depth stiffener web-2 8 mm plate | 3*2 | 1.000 | 0.692 | | 2.0 | 8.304 | |
| | Full depth stiffener web-3 8 mm plate | 5*2 | 1.000 | 0.684 | | 2.0 | 13.681 | |
| | Full depth stiffener web-4 8 mm plate | 5*2 | 1.000 | 0.316 | | 2.0 | 6.320 | |

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|---|------|-------|-------|--|-----|-------|--|
| Full depth stiffener web-4 8 mm plate | 5*2 | 1.000 | 0.492 | | 2.0 | 9.840 | |
| Full depth stiffener web-4 8 mm plate | 5*2 | 1.000 | 0.341 | | 2.0 | 6.820 | |
| Vertical stiffener-1 10 mm plate | 24*2 | 0.570 | 0.150 | | 2.0 | 8.208 | |
| Vertical stiffener-2 10 mm plate | 24*2 | 0.692 | 0.150 | | 2.0 | 9.965 | |
| Vertical stiffener-3 10 mm plate | 24*2 | 0.316 | 0.150 | | 2.0 | 4.551 | |
| Vertical stiffener-4 10 mm plate | 24*2 | 0.366 | 0.150 | | 2.0 | 5.271 | |
| Vertical stiffener-5 10 mm plate | 24*2 | 0.492 | 0.150 | | 2.0 | 7.085 | |
| Vertical stiffener-6 10 mm plate | 24*2 | 0.341 | 0.150 | | 2.0 | 4.911 | |
| Full depth stiffener flange 10 mm plate | 3*2 | 0.474 | 0.150 | | 2.0 | 0.854 | |
| Full depth stiffener flange 10 mm plate | 5*2 | 0.500 | 0.150 | | 2.0 | 1.500 | |
| Full depth stiffener flange 10 mm plate | 5*2 | 0.220 | 0.150 | | 2.0 | 0.660 | |
| Full depth stiffener flange 10 mm plate | 5*2 | 0.250 | 0.150 | | 2.0 | 0.750 | |
| Full depth stiffener flange 10 mm plate | 5*2 | 0.260 | 0.150 | | 2.0 | 0.780 | |
| Vertical seal seat - 20 mm plate | 2*2 | 3.000 | 0.105 | | 2.0 | 2.520 | |
| Full depth stiffener flange 10 mm plate | 4*2 | 0.570 | 0.250 | | 2.0 | 2.280 | |
| Full depth stiffener flange 10 mm plate | 4*2 | 0.570 | 0.450 | | 2.0 | 4.104 | |
| Splice plate 10mm U/S | 1*2 | 8.269 | 0.150 | | 2.0 | 4.962 | |
| Splice plate 10mm D/S | 1*2 | 8.780 | 0.150 | | 2.0 | 5.268 | |
| Splice plate 10mm End box | 4*2 | 0.450 | 0.150 | | 2.0 | 1.080 | |

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|--|------|-------|-------|--|-----|--------------|--|
| Splice plate 10mm End box | 6*2 | 0.500 | 0.150 | | 2.0 | 1.800 | |
| Seal seat Vertical bottom 10 mm plate | 2*2 | 3.000 | 0.040 | | 2.0 | 0.960 | |
| Seal seat Vertical bottom 10 mm plate | 2*2 | 3.000 | 0.157 | | 2.0 | 3.768 | |
| Seal clamp Horizontal 10 mm plate | 2*2 | 8.780 | 0.080 | | 2.0 | 5.620 | |
| Seal guard 20 mm plate | 1*2 | 8.146 | 0.020 | | 2.0 | 0.652 | |
| Side guide plate-1 12mm plate | 4*2 | 0.200 | 0.200 | | 2.0 | 0.641 | |
| Side guide shoe 10 mm plate | 8*2 | 0.210 | 0.075 | | 2.0 | 0.504 | |
| Side guide plate-2 30mm plate | 4*2 | 0.116 | 0.053 | | 2.0 | 0.099 | |
| guide shoe-2- 40 mm plate | 4*2 | 0.150 | 0.040 | | 2.0 | 0.096 | |
| Lifting bracket 12mm plate | 4*2 | 0.815 | 0.440 | | 2.0 | 5.738 | |
| Lifting bracket 12mm plate | 4*2 | 0.400 | 0.450 | | 2.0 | 2.881 | |
| Lock plate 10mm | 2*2 | 0.120 | 0.090 | | 2.0 | 0.087 | |
| Lock plate 10mm | 8*2 | 0.120 | 0.050 | | 2.0 | 0.192 | |
| Lifting pin dia 90 | 2*2 | 0.100 | 0.226 | | 2.0 | 0.181 | |
| Bottom Block(12x3m)(3 Nos) | | | | | | | |
| Bottom block frame - 16mm plate | 4*3 | 1.286 | 0.720 | | 2.0 | 22.223 | |
| Longitudnel plate - 16mm plate | 4*3 | 1.286 | 0.200 | | 2.0 | 6.173 | |
| Side plate-16mm plate | 4*3 | 0.220 | 0.100 | | 2.0 | 0.528 | |
| Stiffner plate-12mm plate | 22*3 | 0.180 | 0.058 | | 2.0 | 1.379 | |
| Cover plate 10mm | 6*3 | 0.150 | 0.110 | | 2.0 | 0.595 | |
| Rope Cover plate 3.15mm | 2*3 | 0.740 | 0.110 | | 2.0 | 0.977 | |
| Total Quantity | | | | | | 1430.168 sqm | |

| | | | | | | | |
|------------------------------------|------------------------------------|---|--------|-------|--------|------|----------------------|
| Total Deducted Quantity | | | | | | | 0.000 sqm |
| Net Total Quantity | | | | | | | 1430.168 sqm |
| Say 1430.168 sqm @ Rs 809.89 / sqm | | | | | | | Rs 1158278.76 |
| 6 | 85.111 | Erection of the gates safely in the grooves , assembling and aligning including cost of all machinery, labour all incidental and conveyance charges etc complete as per direction of departmental officer at site | | | | | |
| Shutter (7.4x3) (2 Nos) Shutter | | | | | | | |
| | Brasing top ISMC 200x75 | 2*2 | 7.754 | | | 22.1 | 685.454 |
| | Brasing angle top ISA 100x100x8 | 4*2 | 0.986 | | | 12.1 | 95.445 |
| | Brasing angle top ISA 100x100x8 | 4*2 | 0.692 | | | 12.1 | 66.986 |
| | Brasing angle top ISA 100x100x8 | 4*2 | 0.492 | | | 12.1 | 47.626 |
| | Side seal clamp ISA 75x75x8 | 2*2 | 0.492 | | | 8.9 | 17.516 |
| Bottom block (7.4x3)(2 Nos) | | | | | | | |
| | Locking angle ISA 75x75x8 | 8*2 | 0.400 | | | 8.9 | 56.961 |
| Bottom block (12x3)(3 Nos) | | | | | | | |
| | Locking angle ISA 75x75x8 | 8*3 | 0.400 | | | 8.9 | 85.441 |
| Shutter (12x3).(3 Nos) | | | | | | | |
| | Brasing top ISMC 200x75 | 1*3 | 12.790 | | | 22.1 | 847.977 |
| | Brasing angle top ISA 100x100x8 | 4*3 | 0.986 | | | 12.1 | 143.168 |
| | Brasing angle top ISA 100x100x8 | 4*3 | 0.692 | | | 12.1 | 100.479 |
| | Brasing angle top ISA 100x100x8 | 4*3 | 0.492 | | | 12.1 | 71.439 |
| | Side seal clamp ISA 75x75x8 | 2*3 | 3.000 | | | 8.9 | 160.201 |
| (12x3)m Shutter 3 Nos | | | | | | | |
| | Skin plate 10mm plate | 1*3 | 12.350 | 1.700 | 10.000 | 7.85 | 4944.323 |
| | Skin plate 10mm plate | 1*3 | 12.350 | 1.300 | 10.000 | 7.85 | 3780.953 |

| | | | | | | | |
|---|------|--------|-------|--------|------|-----------|--|
| End box plate 12mm plate | 4*3 | 1.700 | 0.490 | 12.000 | 7.85 | 941.624 | |
| End box plate 12mm plate | 4*3 | 1.300 | 0.490 | 12.000 | 7.85 | 720.065 | |
| Stiffener plate Roller 8mm plate | 8*3 | 0.200 | 0.200 | 10.000 | 7.85 | 75.361 | |
| Roller support plate-1 8mm plate | 8*3 | 0.200 | 0.200 | 10.000 | 7.85 | 75.361 | |
| Roller support plate-2 Dia 180x20mm plate | 8*3 | 0.180 | 0.180 | 20.000 | 7.85 | 122.084 | |
| Roller support plate-3 10 mm plate | 8*3 | 0.200 | 0.200 | 10.000 | 7.85 | 75.361 | |
| Roller support plate-1 10mm plate | 8*3 | 0.200 | 0.320 | 10.000 | 7.85 | 120.576 | |
| End box stiffener plate 8mm plate | 20*3 | 0.485 | 0.170 | 8.000 | 7.85 | 310.672 | |
| Horizontal girder web 10 mm plate | 4*3 | 11.936 | 1.000 | 10.000 | 7.85 | 11243.712 | |
| Horizontal girder flange 12 mm plate | 2*3 | 12.790 | 0.240 | 12.000 | 7.85 | 1734.938 | |
| Horizontal girder flange-1 12 mm plate | 2*3 | 12.790 | 0.200 | 12.000 | 7.85 | 1445.782 | |
| Web stiffener 8 mm plate | 32*3 | 0.850 | 0.090 | 8.000 | 7.85 | 461.204 | |
| Pad plate Web 10 mm plate | 4*3 | 0.912 | 0.175 | 10.000 | 7.85 | 150.344 | |
| Full depth stiffener web-1 8 mm plate | 3*3 | 1.000 | 0.570 | 8.000 | 7.85 | 322.164 | |
| Full depth stiffener web-2 8 mm plate | 3*3 | 1.000 | 0.692 | 8.000 | 7.85 | 391.119 | |
| Full depth stiffener web-3 8 mm plate | 5*3 | 1.000 | 0.684 | 8.000 | 7.85 | 644.329 | |
| Full depth stiffener web-4 8 mm plate | 5*3 | 1.000 | 0.316 | 8.000 | 7.85 | 297.672 | |
| Full depth stiffener web-4 8 mm plate | 5*3 | 1.000 | 0.492 | 8.000 | 7.85 | 463.464 | |
| Full depth stiffener web-4 8 mm plate | 5*3 | 1.000 | 0.341 | 8.000 | 7.85 | 321.222 | |

| | | | | | | | |
|---|------|--------|-------|--------|------|---------|--|
| Vertical stiffener-1 10 mm plate | 24*3 | 0.570 | 0.150 | 10.000 | 7.85 | 483.246 | |
| Vertical stiffener-2 10 mm plate | 24*3 | 0.692 | 0.150 | 10.000 | 7.85 | 586.678 | |
| Vertical stiffener-3 10 mm plate | 24*3 | 0.316 | 0.150 | 10.000 | 7.85 | 267.905 | |
| Vertical stiffener-4 10 mm plate | 24*3 | 0.366 | 0.150 | 10.000 | 7.85 | 310.295 | |
| Vertical stiffener-5 10 mm plate | 24*3 | 0.492 | 0.150 | 10.000 | 7.85 | 417.118 | |
| Vertical stiffener-6 10 mm plate | 24*3 | 0.341 | 0.150 | 10.000 | 7.85 | 289.100 | |
| Full depth stiffener flange 10 mm plate | 3*3 | 0.474 | 0.150 | 10.000 | 7.85 | 50.233 | |
| Full depth stiffener flange 10 mm plate | 5*3 | 0.500 | 0.150 | 10.000 | 7.85 | 88.313 | |
| Full depth stiffener flange 10 mm plate | 5*3 | 0.220 | 0.150 | 10.000 | 7.85 | 38.858 | |
| Full depth stiffener flange 10 mm plate | 5*3 | 0.250 | 0.150 | 10.000 | 7.85 | 44.157 | |
| Full depth stiffener flange 10 mm plate | 5*3 | 0.260 | 0.150 | 10.000 | 7.85 | 45.923 | |
| Vertical seal seat - 20 mm plate | 2*3 | 3.000 | 0.105 | 20.000 | 7.85 | 296.730 | |
| Full depth stiffener flange 10 mm plate | 4*3 | 0.570 | 0.250 | 10.000 | 7.85 | 134.235 | |
| Full depth stiffener flange 10 mm plate | 4*3 | 0.570 | 0.450 | 10.000 | 7.85 | 241.623 | |
| Splice plate 10mm U/S | 1*3 | 11.869 | 0.150 | 10.000 | 7.85 | 419.273 | |
| Splice plate 10mm D/S | 1*3 | 12.080 | 0.150 | 10.000 | 7.85 | 426.726 | |
| Splice plate 10mm End box | 4*3 | 0.450 | 0.150 | 10.000 | 7.85 | 63.586 | |
| Splice plate 10mm End box | 6*3 | 0.500 | 0.150 | 10.000 | 7.85 | 105.975 | |
| Seal seat Vertical bottom 10 mm plate | 2*3 | 3.000 | 0.040 | 10.000 | 7.85 | 56.520 | |

| | | | | | | | |
|---------------------------------------|------|--------|-------|--------|------|----------|--|
| Seal seat Vertical bottom 10 mm plate | 2*3 | 3.000 | 0.157 | 10.000 | 7.85 | 221.841 | |
| Seal clamp Horizontal 10 mm plate | 2*3 | 12.080 | 0.080 | 10.000 | 7.85 | 455.175 | |
| Seal guard 20 mm plate | 1*3 | 11.746 | 0.020 | 20.000 | 7.85 | 110.648 | |
| Side guide plate-1 12mm plate | 4*3 | 0.200 | 0.200 | 12.000 | 7.85 | 45.217 | |
| Side guide shoe 10 mm plate | 8*3 | 0.210 | 0.075 | 10.000 | 7.85 | 29.673 | |
| Side guide plate-2 30mm plate | 4*3 | 0.116 | 0.053 | 30.000 | 7.85 | 17.375 | |
| guide shoe-2- 40 mm plate | 4*3 | 0.150 | 0.040 | 40.000 | 7.85 | 22.608 | |
| Lifting bracket 12mm plate | 4*3 | 0.8150 | 0.440 | 12.000 | 7.85 | 405.362 | |
| Lifting bracket 12mm plate | 4*3 | 0.400 | 0.450 | 12.000 | 7.85 | 203.472 | |
| Lock plate 10mm | 2*3 | 0.120 | 0.090 | 10.000 | 7.85 | 5.087 | |
| Lock plate 10mm | 8*3 | 0.120 | 0.050 | 10.000 | 7.85 | 11.304 | |
| Lifting pin dia 90 | 2*3 | 0.100 | 0.226 | 90.000 | 7.85 | 95.802 | |
| Bottom Block(7.4x3m)(2 Nos) | | | | | | | |
| Bottom block frame - 16mm plate | 4*2 | 1.286 | 0.720 | 16.000 | 7.85 | 930.365 | |
| Longitudnel plate - 16mm plate | 4*2 | 1.286 | 0.200 | 16.000 | 7.85 | 258.435 | |
| Side plate-16mm plate | 4*2 | 0.220 | 0.100 | 16.000 | 7.85 | 22.106 | |
| Stiffner plate-12mm plate | 22*2 | 0.180 | 0.058 | 12.000 | 7.85 | 43.272 | |
| Cover plate 10mm | 6*2 | 0.150 | 0.110 | 10.000 | 7.85 | 15.543 | |
| Rope Cover plate 3.15mm | 2*2 | 0.740 | 0.110 | 3.150 | 7.85 | 8.052 | |
| (7.4x3 M) shutter (2Nos) | | | | | | | |
| Skin plate 10mm plate | 1*2 | 7.754 | 3.000 | 10.000 | 7.85 | 3652.134 | |
| End box plate 12mm plate | 4*2 | 3.000 | 0.490 | 12.000 | 7.85 | 1107.792 | |

| | | | | | | | |
|--|------|-------|--------|--------|------|----------|--|
| Stiffener plate Roller 8mm plate | 8*2 | 0.200 | 0.200 | 10.000 | 7.85 | 50.241 | |
| Roller support plate-1 8mm plate | 8*2 | 0.200 | 0.200 | 10.000 | 7.85 | 50.241 | |
| Roller support plate-2 Dia 180x20mm plate | 8*2 | 0.180 | 0.180 | 20.000 | 7.85 | 81.389 | |
| Roller support plate-3 10 mm plate | 8*2 | 0.200 | 0.200 | 10.000 | 7.85 | 50.241 | |
| Roller support plate-1 10mm plate | 8*2 | 0.200 | 0.3200 | 10.000 | 7.85 | 80.384 | |
| End box stiffener plate 8mm plate | 20*2 | 0.485 | 0.170 | 8.000 | 7.85 | 207.115 | |
| Horizontal girder web 10 mm plate | 4*2 | 7.838 | 1.000 | 10.000 | 7.85 | 4922.264 | |
| Horizontal girder flange 12 mm plate | 2*2 | 8.780 | 0.240 | 12.000 | 7.85 | 793.993 | |
| Horizontal girder flange-1 12 mm plate | 2*2 | 8.780 | 0.240 | 12.000 | 7.85 | 793.993 | |
| Web stiffener 8 mm plate | 32*2 | 0.850 | 0.090 | 8.000 | 7.85 | 307.469 | |
| Pad plate Web 10 mm plate | 4*2 | 0.912 | 0.175 | 10.000 | 7.85 | 100.229 | |
| Full depth stiffener web-1 8 mm plate | 3*2 | 1.000 | 0.570 | 8.000 | 7.85 | 214.776 | |
| Full depth stiffener web-2 8 mm plate | 3*2 | 1.000 | 0.692 | 8.000 | 7.85 | 260.746 | |
| Full depth stiffener web-3 8 mm plate | 5*2 | 1.000 | 0.684 | 8.000 | 7.85 | 429.552 | |
| Full depth stiffener web-4 8 mm plate | 5*2 | 1.000 | 0.316 | 8.000 | 7.85 | 198.448 | |
| Full depth stiffener web-4 8 mm plate | 5*2 | 1.000 | 0.492 | 8.000 | 7.85 | 308.976 | |
| Full depth stiffener web-4 8 mm plate | 5*2 | 1.000 | 0.341 | 8.000 | 7.85 | 214.148 | |
| Vertical stiffener-1 10 mm plate | 24*2 | 0.570 | 0.150 | 10.000 | 7.85 | 322.164 | |
| Vertical stiffener-2 10 mm plate | 24*2 | 0.692 | 0.150 | 10.000 | 7.85 | 391.119 | |

| | | | | | | | |
|---|------|-------|-------|--------|------|---------|--|
| Vertical stiffener-3 10 mm plate | 24*2 | 0.316 | 0.150 | 10.000 | 7.85 | 178.604 | |
| Vertical stiffener-4 10 mm plate | 24*2 | 0.366 | 0.150 | 10.000 | 7.85 | 206.864 | |
| Vertical stiffener-5 10 mm plate | 24*2 | 0.492 | 0.150 | 10.000 | 7.85 | 278.079 | |
| Vertical stiffener-6 10 mm plate | 24*2 | 0.341 | 0.150 | 10.000 | 7.85 | 192.734 | |
| Full depth stiffener flange 10 mm plate | 3*2 | 0.474 | 0.150 | 10.000 | 7.85 | 33.489 | |
| Full depth stiffener flange 10 mm plate | 5*2 | 0.500 | 0.150 | 10.000 | 7.85 | 58.875 | |
| Full depth stiffener flange 10 mm plate | 5*2 | 0.220 | 0.150 | 10.000 | 7.85 | 25.905 | |
| Full depth stiffener flange 10 mm plate | 5*2 | 0.250 | 0.150 | 10.000 | 7.85 | 29.438 | |
| Full depth stiffener flange 10 mm plate | 5*2 | 0.260 | 0.150 | 10.000 | 7.85 | 30.616 | |
| Vertical seal seat - 20 mm plate | 2*2 | 3.000 | 0.105 | 20.000 | 7.85 | 197.820 | |
| Full depth stiffener flange 10 mm plate | 4*2 | 0.570 | 0.250 | 10.000 | 7.85 | 89.490 | |
| Full depth stiffener flange 10 mm plate | 4*2 | 0.570 | 0.450 | 10.000 | 7.85 | 161.082 | |
| Splice plate 10mm U/S | 1*2 | 8.269 | 0.150 | 10.000 | 7.85 | 194.735 | |
| Splice plate 10mm D/S | 1*2 | 8.780 | 0.150 | 10.000 | 7.85 | 206.769 | |
| Splice plate 10mm End box | 4*2 | 0.450 | 0.150 | 10.000 | 7.85 | 42.390 | |
| Splice plate 10mm End box | 6*2 | 0.500 | 0.150 | 10.000 | 7.85 | 70.650 | |
| Seal seat Vertical bottom 10 mm plate | 2*2 | 3.000 | 0.040 | 10.000 | 7.85 | 37.680 | |
| Seal seat Vertical bottom 10 mm plate | 2*2 | 3.000 | 0.157 | 10.000 | 7.85 | 147.894 | |
| Seal clamp Horizontal 10 mm plate | 2*2 | 8.780 | 0.080 | 10.000 | 7.85 | 220.554 | |

| | | | | | | | |
|------------------------------------|-------|-------|-------|--------|------|----------|--|
| Seal guard 20 mm plate | 1*2 | 8.146 | 0.020 | 20.000 | 7.85 | 51.157 | |
| Side guide plate-1 12mm plate | 4*2 | 0.200 | 0.200 | 12.000 | 7.85 | 30.145 | |
| Side guide shoe 10 mm plate | 8*2 | 0.210 | 0.075 | 10.000 | 7.85 | 19.782 | |
| Side guide plate-2 30mm plate | 4*2 | 0.116 | 0.053 | 30.000 | 7.85 | 11.583 | |
| guide shoe-2- 40 mm plate | 4*2 | 0.150 | 0.040 | 40.000 | 7.85 | 15.072 | |
| Lifting bracket 12mm plate | 4*2 | 0.815 | 0.440 | 12.000 | 7.85 | 270.241 | |
| Lifting bracket 12mm plate | 4*2 | 0.400 | 0.450 | 12.000 | 7.85 | 135.648 | |
| Lock plate 10mm | 2*2 | 0.120 | 0.090 | 10.000 | 7.85 | 3.392 | |
| Lock plate 10mm | 8*2 | 0.120 | 0.050 | 10.000 | 7.85 | 7.536 | |
| Lifting pin dia 90 | 2*2 | 0.100 | 0.226 | 90.000 | 7.85 | 63.868 | |
| Bottom Block(12x3m)(3 Nos) | | | | | | | |
| Bottom block frame - 16mm plate | 4*3 | 1.286 | 0.720 | 16.000 | 7.85 | 1395.547 | |
| Longitudnel plate - 16mm plate | 4*3 | 1.286 | 0.200 | 16.000 | 7.85 | 387.652 | |
| Side plate-16mm plate | 4*3 | 0.220 | 0.100 | 16.000 | 7.85 | 33.159 | |
| Stiffner plate-12mm plate | 22*3 | 0.180 | 0.058 | 12.000 | 7.85 | 64.908 | |
| Cover plate 10mm | 6*3 | 0.150 | 0.110 | 10.000 | 7.85 | 23.315 | |
| Rope Cover plate 3.15mm | 2*3 | 0.740 | 0.110 | 10.000 | 3.15 | 15.385 | |
| (12 x 3 M) Shutter 3 Nos | | | | | | | |
| M 12x50 hex.bolt | 64*3 | | | | 0.08 | 14.400 | |
| M 16x35 hex.bolt | 40*3 | | | | 0.12 | 14.280 | |
| M 16x45 hex.bolt | 300*3 | | | | 0.13 | 120.601 | |
| M 16x50 hex.bolt with nut | 24*3 | | | | 0.14 | 10.224 | |
| M 16x55 hex.bolt with nut | 176*3 | | | | 0.15 | 79.200 | |

| | M 16x70 hex.bolt with nut | 100*3 | | | | | 0.17 | 51.900 | |
|---|---|-------|--------|---|---|----|----------|---------------------|--|
| | (7.4x3.M) shutter.(2 Nos) | | | | | | | | |
| | M 12x50 hex.bolt | 64*2 | | | | | 0.08 | 9.600 | |
| | M 16x35 hex.bolt | 40*2 | | | | | 0.12 | 9.520 | |
| | M 16x45 hex.bolt | 300*2 | | | | | 0.13 | 80.400 | |
| | M 16x50 hex.bolt with nut | 24*2 | | | | | 0.14 | 6.816 | |
| | M 16x55 hex.bolt with nut | 176*2 | | | | | 0.15 | 52.800 | |
| | M 16x70 hex.bolt with nut | 100*2 | | | | | 0.17 | 34.600 | |
| | Total Quantity | | | | | | | 58242.667 kg | |
| | Total Deducted Quantity | | | | | | | 0.000 kg | |
| | Net Total Quantity | | | | | | | 58242.667 kg | |
| | Say 58242.667 kg @ Rs 6.09 / kg | | | | | | | Rs 354697.84 | |
| Sl No | Description | No | L | B | D | CF | Quantity | Remark | |
| 8 Appendix F 3-Supplying and fixing of rubber seals. | | | | | | | | | |
| 1 | 85.116 Supplying and fixing in correct position with specified initial interface the flat type rubber seal confirming to IS 11855 to the gates including cost of SS bolts and nut all labour and machinery and incidental and conveyance charges complete as per approved specification and drawing | | | | | | | | |
| | Flat rubber seals.(12x3 3nos) | | | | | | | | |
| | Flat type rubber seals 90x14mm | 1*3 | 11.960 | | | | 35.880 | | |
| | Flat rubber seals.(7.4x3 2 nos) | | | | | | | | |
| | Flat type rubber seals 90x14mm | 1*2 | 7.360 | | | | 14.720 | | |
| | Total Quantity | | | | | | | 50.600 metre | |
| | Total Deducted Quantity | | | | | | | 0.000 metre | |
| | Net Total Quantity | | | | | | | 50.600 metre | |
| | Say 50.600 metre @ Rs 1905.10 / metre | | | | | | | Rs 96398.06 | |
| 2 | 85.118 Supplying and fixing in correct position with specified initial interface L-type / bulb nose rubber seal confirming to IS11855 to the gates including cost of SS bolts and nuts and all labour and machinery and incidental and conveyance charges complete as per approved specifications and drawings | | | | | | | | |
| | Side seals.(12x3 3nos,7.4x3 2no) | | | | | | | | |

| | Z-type Rubber seal Dia30x120mm | 2*5 | 3.000 | | | | | 30.000 | |
|---|---|-----|-------|---|---|----|----------|---------------------|--|
| | Total Quantity | | | | | | | 30.000 metre | |
| | Total Deducted Quantity | | | | | | | 0.000 metre | |
| | Net Total Quantity | | | | | | | 30.000 metre | |
| | Say 30.000 metre @ Rs 2675.20 / metre | | | | | | | Rs 80256.00 | |
| 3 | 85.117 Supplying and fixing in correct position with specified initial interface the Angular type rubber seal confirming to IS11855 to the gates including cost of SS bolts and nuts and all labour and machinery and incidental and conveyance charges complete as per approved specifications and drawings | | | | | | | | |
| | Side seals.(12x3 3nos,7.4x3 2nos) | | | | | | | | |
| | Angular-type Rubber seal Dia30x120mm | 2*5 | 3.000 | | | | | 30.000 | |
| | Total Quantity | | | | | | | 30.000 metre | |
| | Total Deducted Quantity | | | | | | | 0.000 metre | |
| | Net Total Quantity | | | | | | | 30.000 metre | |
| | Say 30.000 metre @ Rs 2971.20 / metre | | | | | | | Rs 89136.00 | |
| SI No | Description | No | L | B | D | CF | Quantity | Remark | |
| 9 Appendix F- 4 Supplying and fixing of roller assembly. | | | | | | | | | |
| 1 | od140717/2020_2021 Supplying and fixing cast steel thrust roller assembly having 300mm Dia, 90mm tread width, SS(304) shaft and 22220E self aligning spherical roller bearing and accessories as per approved specifications and drawings including cost of all materials, machineries, labour , all lift and lead, incidental and conveyance charges etc complete | | | | | | | | |
| | Roller wheels | | | | | | | | |
| | Dia 300mm wheels | 4*5 | | | | | | 20.000 | |
| | Total Quantity | | | | | | | 20.000 no | |
| | Total Deducted Quantity | | | | | | | 0.000 no | |
| | Net Total Quantity | | | | | | | 20.000 no | |
| | Say 20.000 no @ Rs 39073.46 / no | | | | | | | Rs 781469.20 | |
| SI No | Description | No | L | B | D | CF | Quantity | Remark | |
| 10 Appendix F-5 Supply of materials, fabrication,painting and erection of hoisting bridge, covers and frames of driving units && rope drum for shutter | | | | | | | | | |
| 1 | 85.101 Supply of MS plates confirming to IS 2062GrB including cost of conveyance charges | | | | | | | | |
| | Dial assembly (12 x3M).(3nos)(7.4x3)(2no) | | | | | | | | |

| | | | | | | | | |
|--|--|------|-------|-------|--------|------|----------|--|
| | Base plate 8mm plate | 1*5 | 0.470 | 0.300 | 8.000 | 7.85 | 44.274 | |
| | Stiffener plate-1 10mm plate | 2*5 | 0.185 | 0.150 | 10.000 | 7.85 | 21.784 | |
| | Stiffener plate-2 10mm plate | 1*5 | 0.170 | 0.150 | 10.000 | 7.85 | 10.009 | |
| | Shim 2mm plate | 1*5 | 0.165 | 0.060 | 2.000 | 7.85 | 0.778 | |
| | Plummer block base plate 10mm plate | 1*5 | 0.280 | 0.090 | 10.000 | 7.85 | 9.891 | |
| | Stiffener plate-1 10mm plate | 2*5 | 0.100 | 0.090 | 10.000 | 7.85 | 7.065 | |
| | Stiffener plate-2 10mm plate | 2*5 | 0.276 | 0.230 | 10.000 | 7.85 | 49.832 | |
| | Lifting arrangement (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| | Lifting Bracket Frame1 12mm plate | 4*5 | 1.030 | 0.590 | 12.000 | 7.85 | 1144.907 | |
| | Lifting Bracket side plate -1 10mm plate | 4*5 | 0.300 | 0.130 | 10.000 | 7.85 | 61.231 | |
| | Lifting Bracket stiffener -1 10mm plate | 6*5 | 0.100 | 0.080 | 10.000 | 7.85 | 18.840 | |
| | Lifting Bracket stiffener -2 10mm plate | 2*5 | 0.140 | 0.100 | 10.000 | 7.85 | 10.990 | |
| | Lifting Bracket stiffener -3 10mm plate | 4*5 | 0.100 | 0.100 | 10.000 | 7.85 | 15.701 | |
| | Rope guard 3.15 sheet | 4*5 | 0.650 | 0.100 | 3.150 | 7.85 | 32.146 | |
| | Pin lock plate-1 10mm plate | 12*5 | 0.180 | 0.180 | 10.000 | 7.85 | 152.604 | |
| | Lock plate -10mm plate | 24*5 | 0.130 | 0.050 | 10.000 | 7.85 | 61.231 | |
| | S p a c e r O D - 150, ID82, 8 Thk | 8*5 | 0.150 | 0.150 | 8.000 | 7.85 | 56.520 | |
| | Pin Cover-1 10mm plate | 4*5 | 0.080 | 0.025 | 10.000 | 7.85 | 3.140 | |
| | Lifting bracket Main frame-1 16mm plate | 4*5 | 1.220 | 0.250 | 16.000 | 7.85 | 766.160 | |

| | | | | | | | |
|---|------|-------|-------|--------|------|---------|--|
| Lifting bracket Main frame-2 10mm plate | 2*5 | 1.100 | 0.128 | 10.000 | 7.85 | 110.528 | |
| Lifting bracket Base 10mm plate | 2*5 | 1.050 | 0.400 | 10.000 | 7.85 | 329.700 | |
| Traverse plate lifting bracket-1 10mm plate | 2*5 | 1.100 | 0.692 | 10.000 | 7.85 | 597.542 | |
| Traverse plate lifting bracket-2 10mm plate | 2*5 | 1.269 | 0.210 | 10.000 | 7.85 | 209.195 | |
| Wheels & Pinion (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| Wheel Lock plate 15mm plate | 6*5 | 0.025 | 0.070 | 15.000 | 7.85 | 6.182 | |
| Rope drum unit Rope locking plate 20mm | 2*5 | 0.100 | 0.006 | 20.000 | 7.85 | 0.942 | |
| Gear box cover (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| Cover-1 3.15 sheet | 2*5 | 2.200 | 0.530 | 3.150 | 7.85 | 288.323 | |
| Cover-1 3.15 sheet | 4*5 | 1.415 | 0.575 | 3.150 | 7.85 | 402.379 | |
| Cover-1 3.15 sheet | 2*5 | 0.310 | 0.210 | 3.150 | 7.85 | 16.098 | |
| Gear box assembly (12 x3.M).(3nos),(7.4x3)(2no) | | | | | | | |
| Frame extension plate-1 10mm plate | 2*5 | 1.500 | 0.060 | 10.000 | 7.85 | 70.650 | |
| Frame extension plate-2 10mm plate | 2*5 | 0.600 | 0.060 | 10.000 | 7.85 | 28.260 | |
| Stiffener-1 10mm plate | 10*5 | 0.276 | 0.140 | 10.000 | 7.85 | 151.663 | |
| Stiffener-2 10mm plate | 2*5 | 0.273 | 0.080 | 10.000 | 7.85 | 17.145 | |
| Drum support plate-1 10mm plate | 8*5 | 0.120 | 0.090 | 10.000 | 7.85 | 33.912 | |
| Drum support plate-2 10mm plate | 4*5 | 0.090 | 0.060 | 10.000 | 7.85 | 8.478 | |
| Drum shaft support plate-1 20mm plate | 4*5 | 0.525 | 0.350 | 20.000 | 7.85 | 576.975 | |
| Drum shaft support plate-1 20mm plate | 4*5 | 0.280 | 0.100 | 20.000 | 7.85 | 87.920 | |
| Spacer O D - 160, ID76, 8mm Thk | 4*5 | 0.160 | 0.160 | 8.000 | 7.85 | 32.154 | |
| Plummer block frame | 8*5 | 0.260 | 0.100 | 50.000 | 7.85 | 408.200 | |

| Drive unit cover (12. x3.M)(3 nos).(7.4x3) (2no). | | | | | | | | |
|---|-----|--------|-------|--------|------|-----------|--|--|
| Side cover-1 3.15 sheet | 2*5 | 1.472 | 0.970 | 3.150 | 7.85 | 353.070 | | |
| Side cover-2 3.15 sheet | 1*5 | 0.970 | 0.820 | 3.150 | 7.85 | 98.342 | | |
| Side cover-3 3.15 sheet | 1*5 | 0.670 | 0.820 | 3.150 | 7.85 | 67.927 | | |
| Top cover-1 3.15 sheet | 1*5 | 1.640 | 0.820 | 3.150 | 7.85 | 166.268 | | |
| Plate on side plate 5mm plate | 1*5 | 0.150 | 0.150 | 5.000 | 7.85 | 4.416 | | |
| Plate at the opening of both side- 5mm plate | 2*5 | 1.100 | 0.050 | 5.000 | 7.85 | 21.588 | | |
| Drive unit(12 x 3.M)(3nos),(7.4x3)(2no) | | | | | | | | |
| Worm reducer base-1 10mm plate | 1*5 | 0.380 | 0.360 | 10.000 | 7.85 | 53.694 | | |
| Worm reducer angle support -1 10mm plate | 4*5 | 0.090 | 0.090 | 10.000 | 7.85 | 12.717 | | |
| Worm reducer angle support -2 10mm plate | 2*5 | 0.147 | 0.100 | 10.000 | 7.85 | 11.540 | | |
| Brake support -1 10mm plate | 1*5 | 0.360 | 0.140 | 10.000 | 7.85 | 19.782 | | |
| Brake support stiffener -2 10mm plate | 4*5 | 0.065 | 0.065 | 10.000 | 7.85 | 6.634 | | |
| Base plate motor-10 mm plate | 1*5 | 0.240 | 0.190 | 10.000 | 7.85 | 17.898 | | |
| Base plate stiffner motor-1-10 mm plate | 2*5 | 0.065 | 0.065 | 10.000 | 7.85 | 3.317 | | |
| Base plate stiffner motor-2--10 mm plate | 1*5 | 0.075 | 0.050 | 10.000 | 7.85 | 1.472 | | |
| Hoisting bridge (12 x 3M)(3 Nos),(7.4 x3)(2 No) | | | | | | | | |
| Longitudinal Girder Flange 16mm plate | 4*5 | 13.990 | 0.150 | 16.000 | 7.85 | 5271.432 | | |
| Longitudinal Girder Web 10mm plate | 2*5 | 13.990 | 1.200 | 10.000 | 7.85 | 13178.580 | | |
| Base plate Main Girder 20mm plate | 4*5 | 0.340 | 0.290 | 20.000 | 7.85 | 309.605 | | |

| | | | | | | | | |
|---|--|--|--------|--------|--------|------|----------------------|--|
| | Alignment plate for base plate 10mm plate | 4*5 | 0.590 | 0.340 | 10.000 | 7.85 | 314.942 | |
| | Web stiffener end side 10mm plate | 8*5 | 1.216 | 0.160 | 10.000 | 7.85 | 610.919 | |
| | Anchoring rod end plate Dia 100x10 Thk | 16*5 | 0.100 | 0.100 | 10.000 | 7.85 | 62.801 | |
| | Web stiffener-1 10mm plate | 8*5 | 0.908 | 0.0700 | 10.000 | 7.85 | 199.579 | |
| | Web stiffener-2 10mm plate | 4*5 | 1.008 | 0.0700 | 10.000 | 7.85 | 110.780 | |
| | Web stiffener-3-10mm plate | 22*5 | 1.058 | 0.0700 | 10.000 | 7.85 | 639.509 | |
| | Web stiffener-4-10mm plate | 32*5 | 1.200 | 0.0700 | 10.000 | 7.85 | 1055.040 | |
| | Hand rail base support 10mm plate | 14*5 | 0.250 | 0.135 | 10.000 | 7.85 | 185.457 | |
| | Pulley frame 16mm plate | 4*5 | 1.192 | 0.525 | 16.000 | 7.85 | 1572.010 | |
| | Pulley pin lock plate ,10mm | 16*5 | 0.160 | 0.050 | 10.000 | 7.85 | 50.240 | |
| | Pulley- spacer OD 180, ID 82, 8mm thick | 8*5 | 0.180 | 0.180 | 8.000 | 7.85 | 81.389 | |
| | Plate connect hoist bridge, 10mm plate | 2*5 | 0.150 | 0.150 | 10.000 | 7.85 | 17.663 | |
| | Plummer block support (12 x 3.M)(3 Nos),(7.4 x3) (2no) | | | | | | | |
| | Plummer block base 10mm plate | 8*5 | 0.300 | 0.150 | 10.000 | 7.85 | 141.300 | |
| | Plummer block Support-1 10mm plate | 4*5 | 0.3300 | 0.300 | 10.000 | 7.85 | 155.430 | |
| | Plummer block Support-2 10mm plate | 4*5 | 0.3300 | 0.1300 | 10.000 | 7.85 | 67.353 | |
| | Total Quantity | | | | | | 30706.043 kg | |
| | Total Deducted Quantity | | | | | | 0.000 kg | |
| | Net Total Quantity | | | | | | 30706.043 kg | |
| | Say 30706.043 kg @ Rs 64.18 / kg | | | | | | Rs 1970713.84 | |
| 2 | 85.102 | Supply of MS Tees, Angles, Joists, ISMB, ISMC confirming to IS2062GrA/B including cost of conveyance | | | | | | |

| | | | | | | | | |
|---|--|-------|--|--|--|------|---------|--|
| | charges | | | | | | | |
| | Drive unit(12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| Motor Frame-1 ISMC 150x75 | 2*5 | 1.570 | | | | 16.4 | 257.481 | |
| Motor Frame-2 ISMC 150x75 | 2*5 | 0.700 | | | | 16.4 | 114.800 | |
| Motor Frame-3 ISMC 150x75 | 1*5 | 0.700 | | | | 16.4 | 57.400 | |
| Frame of hand operating mechanism -1 ISA75x75x8 | 4*5 | 0.900 | | | | 8.9 | 160.201 | |
| Frame of hand operating mechanism -2 ISA75x75x8 | 2*5 | 0.400 | | | | 8.9 | 35.600 | |
| Frame of hand operating Mechanism -3 ISA75x75x8 | 2*5 | 0.500 | | | | 8.9 | 44.500 | |
| Worm reducer support-1 ISA 100x100x8 | 2*5 | 0.700 | | | | 12.1 | 84.700 | |
| Brake Frame-1 ISA 75x75x8 | 2*5 | 0.700 | | | | 8.9 | 62.301 | |
| Motorr Frame-1 ISA 75x75x8 | 2*5 | 0.700 | | | | 8.9 | 62.301 | |
| Plummer block frame ISMC150x75 | 1*5 | 0.250 | | | | 16.4 | 20.500 | |
| | Ladder | | | | | | | |
| Ladder Rails ISMC 150 x 75 | 2*2 | 6.000 | | | | 16.4 | 393.600 | |
| Platform ISA 75x75x8 | 28*2 | 1.500 | | | | 8.9 | 747.600 | |
| Platform ISA 75x75x8 | 42*2 | 0.300 | | | | 8.9 | 224.280 | |
| Support ISMC150x75 | 2*2 | 1.500 | | | | 16.4 | 98.400 | |
| Hand rail ISA 75x75x8 | 10*2 | 1.000 | | | | 8.9 | 178.000 | |
| Hand rail support ISA 75x75x8 | 10*2 | 0.150 | | | | 8.9 | 26.701 | |
| | Dial gauge assy (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| Main frame - 1 ISMC 100 x 50 | 2*5 | 0.925 | | | | 9.2 | 85.100 | |

| | | | | | | | |
|--|------|--------|-------|-------|------|----------|--|
| Dial gauge support ISA 50x50x6 | 2*5 | 0.050 | | | 4.5 | 2.250 | |
| Hoisting bridge (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| Cross girder -1 (C6), ISMC 300 x90 | 4*5 | 2.090 | | | 35.8 | 1496.440 | |
| Cross girder- 2 (C-4), ISMC 200x75 | 2*5 | 2.090 | | | 22.1 | 461.890 | |
| Cross girder-3 (C-3), ISMC 150x75 | 4*5 | 0.770 | | | 16.4 | 252.560 | |
| Cross girder-4 (C-2), ISMC 150x75 | 2*5 | 0.979 | | | 16.4 | 160.556 | |
| Cross girder-5 (C-7), ISMC 150x75 | 10*5 | 2.090 | | | 16.4 | 1713.800 | |
| Cross girder-6 ISMC 150x75 | 4*5 | 0.979 | | | 16.4 | 321.112 | |
| Cross support- angle ISA 75x75x8 | 38*5 | 0.100 | | | 8.9 | 169.100 | |
| Catwalk main frame ISMC150x75 | 14*5 | 0.595 | | | 16.4 | 683.060 | |
| Catwalk support angle ISA75x75x8 | 14*5 | 0.150 | | | 8.9 | 93.450 | |
| Longitudinal support ISA 65x65x6 | 2*5 | 13.990 | | | 5.8 | 811.420 | |
| Hand rail post ISA 65 x 65 x 6 | 28*5 | 1.250 | | | 5.8 | 1015.000 | |
| Hand rail middle 50x8 Flat | 2*5 | 13.990 | 0.050 | 8.000 | 7.85 | 439.286 | |
| Inclined support ISA 75x75x8 | 14*5 | 0.720 | | | 8.9 | 448.560 | |
| Gear box cover (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| Frame-1 ISA 35x35x5 | 4*5 | 2.200 | | | 2.6 | 114.400 | |
| Frame-2 ISA 35x35x5 | 4*5 | 0.540 | | | 2.6 | 28.081 | |
| Frame-3 ISA 35x35x5 | 2*5 | 0.828 | | | 2.6 | 21.528 | |
| Frame-4 ISA 35x35x5 | 4*5 | 0.132 | | | 2.6 | 6.865 | |
| Frame-5 ISA 35x35x5 | 2*5 | 0.175 | | | 2.6 | 4.550 | |
| Frame -6 ISA 35x35x5 | 2*5 | 0.073 | | | 2.6 | 1.898 | |

| | | | | | | | | | |
|---|--|-----|-------|-------|-------|------|---------------------|--|--|
| | Handle support ISA 35x35x5 | 8*5 | 0.470 | | | 2.6 | 48.880 | | |
| | Curved frame-1 50x5 Flat | 4*5 | 1.074 | 0.050 | 5.000 | 7.85 | 42.155 | | |
| | Curved frame-2 50x5 Flat | 2*5 | 1.134 | 0.050 | 5.000 | 7.85 | 22.255 | | |
| | Gear box assy (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | | |
| | Winch unit frame-1 ISMC 300x90 | 2*5 | 0.240 | | | 35.8 | 85.920 | | |
| | Winch unit frame-2 ISMC 300x90 | 2*5 | 1.500 | | | 35.8 | 537.000 | | |
| | Winch unit frame-3 ISMC 300x90 | 2*5 | 0.770 | | | 35.8 | 275.660 | | |
| | Winch unit frame-4 ISMC 300x90 | 2*5 | 0.900 | | | 35.8 | 322.200 | | |
| | Winch unit frame-5 ISMC 300x90 | 2*5 | 0.620 | | | 35.8 | 221.960 | | |
| | Winch unit frame-6 ISMC 300x90 | 2*5 | 0.690 | | | 35.8 | 247.020 | | |
| | Drive unit cover (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | | |
| | Frame-1 ISA 35x35x6 | 2*5 | 0.840 | | | 3.0 | 25.201 | | |
| | Frame-2 ISA 35x35x6 | 2*5 | 1.000 | | | 3.0 | 30.000 | | |
| | Frame-2 ISA 35x35x6 | 2*5 | 0.180 | | | 3.0 | 5.400 | | |
| | Frame-4 ISA 35x35x6 | 2*5 | 0.994 | | | 3.0 | 29.820 | | |
| | Frame-5 ISA 35x35x6 | 2*5 | 2.300 | | | 3.0 | 69.000 | | |
| | Frame-6 ISA 35x35x6 | 2*5 | 0.840 | | | 3.0 | 25.201 | | |
| | Frame-7 ISA 35x35x6 | 3*5 | 0.770 | | | 3.0 | 34.651 | | |
| | Inspection Window supporting angle ISA 35x35x6 | 1*5 | 0.850 | | | 3.0 | 12.750 | | |
| | Total Quantity | | | | | | 12934.344 kg | | |
| | Total Deducted Quantity | | | | | | 0.000 kg | | |
| | Net Total Quantity | | | | | | 12934.344 kg | | |
| | Say 12934.344 kg @ Rs 66.13 / kg | | | | | | Rs 855348.17 | | |
| 3 | 85.103 Supply of MS chequered plates including cost of conveyance charges | | | | | | | | |

| Hoisting platform(12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | | |
|---|---|-------|--------|-------|--|------|---------------------|--|
| | MS chequered plate 6mm | 2*5 | 2.050 | 2.750 | | 49.2 | 2773.650 | |
| | MS chequered plate 6mm | 4*5 | 1.150 | 0.985 | | 49.2 | 1114.626 | |
| | MS chequered plate 6mm | 2*5 | 0.495 | 0.880 | | 49.2 | 214.316 | |
| | MS chequered plate 6mm | 2*5 | 0.835 | 0.280 | | 49.2 | 115.030 | |
| | MS chequered plate 6mm | 2*5 | 2.050 | 1.800 | | 49.2 | 1815.480 | |
| | MS chequered plate 6mm | 1*5 | 13.990 | 0.410 | | 49.2 | 1411.032 | |
| Step for ladder | | | | | | | | |
| | MS chequered plate 6mm | 14*2 | 1.500 | 0.300 | | 49.2 | 619.920 | |
| Total Quantity | | | | | | | 8064.054 kg | |
| Total Deducted Quantity | | | | | | | 0.000 kg | |
| Net Total Quantity | | | | | | | 8064.054 kg | |
| Say 8064.054 kg @ Rs 73.33 / kg | | | | | | | Rs 591337.08 | |
| 4 | od140892/2020_2021 Supply of NB 32mm GI pipe | | | | | | | |
| hand rails NB 32 | | | | | | | | |
| | Hand rails of Hoist bridge | 2*2*5 | 13.990 | | | | 279.800 | |
| | Ladder hand rail | 2*2*2 | 6.000 | | | | 48.000 | |
| Total Quantity | | | | | | | 327.800 metre | |
| Total Deducted Quantity | | | | | | | 0.000 metre | |
| Net Total Quantity | | | | | | | 327.800 metre | |
| Say 327.800 metre @ Rs 220.96 / metre | | | | | | | Rs 72430.69 | |
| 5 | od136869/2020_2021 Supply of MS Bolts and Nuts | | | | | | | |
| Shutter (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | | |
| | M16x80 Bolts W/ nuts | 8*5 | | | | 0.18 | 7.200 | |
| | M16x50 Bolts W/ nuts | 84*5 | | | | 0.14 | 58.801 | |
| | M16x60 Bolts W/ nuts | 8*5 | | | | 0.15 | 6.000 | |

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|---|--|--------|-------|--|--|------|--------------------|--|--|
| | M16x60 Bolts W/ nuts | 8*5 | | | | 0.06 | 2.400 | | |
| | M20x100 Bolts W/ nuts | 4*5 | | | | 0.36 | 7.200 | | |
| | M12x65 Bolts W/ nuts | 6*5 | | | | 0.09 | 2.700 | | |
| | M20x100 Bolts W/ nuts | 12*5 | | | | 0.36 | 21.600 | | |
| | M12x60 Bolts W/ nuts | 20*5 | | | | 0.08 | 8.000 | | |
| | M16x120 Bolts W/ nuts | 8*2*5 | | | | 0.25 | 20.000 | | |
| | M16x40 Bolts W/ nuts | 16*2*5 | | | | 0.12 | 19.200 | | |
| | M8 Hex screw | 8*2*5 | | | | 0.02 | 1.600 | | |
| | M12x40 Bolts W/ nuts | 16*2*5 | | | | 0.06 | 9.600 | | |
| | M16x55 Bolts W/ nuts | 4*5 | | | | 0.15 | 3.000 | | |
| | M16x70 Bolts W/ nuts | 6*2*5 | | | | 0.17 | 10.201 | | |
| | M6x25 Screw | 8*5 | | | | 0.01 | 0.400 | | |
| | M16x40Bolts W/ nuts | 48*5 | | | | 0.12 | 28.800 | | |
| | Washer | 360 | | | | 0.01 | 3.600 | | |
| | Total Quantity | | | | | | 210.302 kg | | |
| | Total Deducted Quantity | | | | | | 0.000 kg | | |
| | Net Total Quantity | | | | | | 210.302 kg | | |
| | Say 210.302 kg @ Rs 77.77 / kg | | | | | | Rs 16355.19 | | |
| 6 | 85.107 Supply of MS round bar including cost of conveyance charges | | | | | | | | |
| | Shutter (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | | |
| | Dia 12mm Rod | 2*5 | 0.300 | | | 0.89 | 2.670 | | |
| | Handle-1 16mm Rod | 2*2*5 | 0.300 | | | 1.58 | 9.480 | | |
| | Handle-2 16mm Rod | 1*2*5 | 0.280 | | | 1.58 | 4.424 | | |
| | Handle-3 16mm Rod | 1*2*5 | 0.400 | | | 1.58 | 6.320 | | |
| | Total Quantity | | | | | | 22.894 kg | | |
| | Total Deducted Quantity | | | | | | 0.000 kg | | |
| | Net Total Quantity | | | | | | 22.894 kg | | |
| | Say 22.894 kg @ Rs 64.18 / kg | | | | | | Rs 1469.34 | | |
| 7 | 85.124 Fabrication and supply of Hoisting bridge unit in structural steel conforming to IS2062Gr including ladder, covers for hoisting unit etc as per approved specifications, drawings and directions of depl officer at site | | | | | | | | |

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|--|------|-------|-------|--------|------|----------|--|--|
| including cost of labour, machinery, incidental and handling charges for fixing handrails and allied works etc complete but excluding material already supplied and weight of pipes for hand rails etc | | | | | | | | |
| Dial assembly (12 x3M).(3nos)(7.4x3)(2no) | | | | | | | | |
| Base plate 8mm plate | 1*5 | 0.470 | 0.300 | 8.000 | 7.85 | 44.274 | | |
| Stiffener plate-1 10mm plate | 2*5 | 0.185 | 0.150 | 10.000 | 7.85 | 21.784 | | |
| Stiffener plate-2 10mm plate | 1*5 | 0.170 | 0.150 | 10.000 | 7.85 | 10.009 | | |
| Shim 2mm plate | 1*5 | 0.165 | 0.060 | 2.000 | 7.85 | 0.778 | | |
| Plummer block base plate 10mm plate | 1*5 | 0.280 | 0.090 | 10.000 | 7.85 | 9.891 | | |
| Stiffener plate-1 10mm plate | 2*5 | 0.100 | 0.090 | 10.000 | 7.85 | 7.065 | | |
| Stiffener plate-2 10mm plate | 2*5 | 0.276 | 0.230 | 10.000 | 7.85 | 49.832 | | |
| Lifting arrangement (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | | |
| Lifting Bracket Frame1 12mm plate | 4*5 | 1.030 | 0.590 | 12.000 | 7.85 | 1144.907 | | |
| Lifting Bracket side plate -1 10mm plate | 4*5 | 0.300 | 0.130 | 10.000 | 7.85 | 61.231 | | |
| Lifting Bracket stiffener -1 10mm plate | 6*5 | 0.100 | 0.080 | 10.000 | 7.85 | 18.840 | | |
| Lifting Bracket stiffener -2 10mm plate | 2*5 | 0.140 | 0.100 | 10.000 | 7.85 | 10.990 | | |
| Lifting Bracket stiffener -3 10mm plate | 4*5 | 0.100 | 0.100 | 10.000 | 7.85 | 15.701 | | |
| Rope guard 3.15 sheet | 4*5 | 0.650 | 0.100 | 3.150 | 7.85 | 32.146 | | |
| Pin lock plate-1 10mm plate | 12*5 | 0.180 | 0.180 | 10.000 | 7.85 | 152.604 | | |
| Lock plate -10mm plate | 24*5 | 0.130 | 0.050 | 10.000 | 7.85 | 61.231 | | |
| S p a c e r O D - 150, ID82, 8 Thk | 8*5 | 0.150 | 0.150 | 8.000 | 7.85 | 56.520 | | |

| | | | | | | | |
|---|------|-------|-------|--------|------|---------|--|
| Pin Cover-1 10mm plate | 4*5 | 0.080 | 0.025 | 10.000 | 7.85 | 3.140 | |
| Lifting bracket Main frame-1 16mm plate | 4*5 | 1.220 | 0.250 | 16.000 | 7.85 | 766.160 | |
| Lifting bracket Main frame-2 10mm plate | 2*5 | 1.100 | 0.128 | 10.000 | 7.85 | 110.528 | |
| Lifting bracket Base 10mm plate | 2*5 | 1.050 | 0.400 | 10.000 | 7.85 | 329.700 | |
| Traverse plate lifting bracket-1 10mm plate | 2*5 | 1.100 | 0.692 | 10.000 | 7.85 | 597.542 | |
| Traverse plate lifting bracket-2 10mm plate | 2*5 | 1.269 | 0.210 | 10.000 | 7.85 | 209.195 | |
| Wheels & Pinion (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| Wheel Lock plate 15mm plate | 6*5 | 0.025 | 0.070 | 15.000 | 7.85 | 6.182 | |
| Rope drum unit Rope locking plate 20mm | 2*5 | 0.100 | 0.006 | 20.000 | 7.85 | 0.942 | |
| Gear box cover (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| Cover-1 3.15 sheet | 2*5 | 2.200 | 0.530 | 3.150 | 7.85 | 288.323 | |
| Cover-1 3.15 sheet | 4*5 | 1.415 | 0.575 | 3.150 | 7.85 | 402.379 | |
| Cover-1 3.15 sheet | 2*5 | 0.310 | 0.210 | 3.150 | 7.85 | 16.098 | |
| Gear box assembly (12 x3.M).(3nos),(7.4x3)(2no) | | | | | | | |
| Frame extension plate-1 10mm plate | 2*5 | 1.500 | 0.060 | 10.000 | 7.85 | 70.650 | |
| Frame extension plate-2 10mm plate | 2*5 | 0.600 | 0.060 | 10.000 | 7.85 | 28.260 | |
| Stiffener-1 10mm plate | 10*5 | 0.276 | 0.140 | 10.000 | 7.85 | 151.663 | |
| Stiffener-2 10mm plate | 2*5 | 0.273 | 0.080 | 10.000 | 7.85 | 17.145 | |
| Drum support plate-1 10mm plate | 8*5 | 0.120 | 0.090 | 10.000 | 7.85 | 33.912 | |
| Drum support plate-2 10mm plate | 4*5 | 0.090 | 0.060 | 10.000 | 7.85 | 8.478 | |
| Drum shaft support plate-1 20mm plate | 4*5 | 0.525 | 0.350 | 20.000 | 7.85 | 576.975 | |

| | | | | | | | | |
|--|---|-----|-------|-------|--------|------|---------|--|
| | Drum shaft support plate-1 20mm plate | 4*5 | 0.280 | 0.100 | 20.000 | 7.85 | 87.920 | |
| | Spacer O D - 160, ID 76, 8mm Thk | 4*5 | 0.160 | 0.160 | 8.000 | 7.85 | 32.154 | |
| | Plummer block frame | 8*5 | 0.260 | 0.100 | 50.000 | 7.85 | 408.200 | |
| | Drive unit cover (12. x3.M)(3 nos).(7.4x3) (2no). | | | | | | | |
| | Side cover-1 3.15 sheet | 2*5 | 1.472 | 0.970 | 3.150 | 7.85 | 353.070 | |
| | Side cover-2 3.15 sheet | 1*5 | 0.970 | 0.820 | 3.150 | 7.85 | 98.342 | |
| | Side cover-3 3.15 sheet | 1*5 | 0.670 | 0.820 | 3.150 | 7.85 | 67.927 | |
| | Top cover-1 3.15 sheet | 1*5 | 1.640 | 0.820 | 3.150 | 7.85 | 166.268 | |
| | Plate on side plate 5mm plate | 1*5 | 0.150 | 0.150 | 5.000 | 7.85 | 4.416 | |
| | Plate at the opening of both side- 5mm plate | 2*5 | 1.100 | 0.050 | 5.000 | 7.85 | 21.588 | |
| | Drive unit(12 x 3.M)(3nos),(7.4x3)(2no) | | | | | | | |
| | Worm reducer base-1 10mm plate | 1*5 | 0.380 | 0.360 | 10.000 | 7.85 | 53.694 | |
| | Worm reducer angle support -1 10mm plate | 4*5 | 0.090 | 0.090 | 10.000 | 7.85 | 12.717 | |
| | Worm reducer angle support -2 10mm plate | 2*5 | 0.147 | 0.100 | 10.000 | 7.85 | 11.540 | |
| | Brake support -1 10mm plate | 1*5 | 0.360 | 0.140 | 10.000 | 7.85 | 19.782 | |
| | Brake support stiffener -2 10mm plate | 4*5 | 0.065 | 0.065 | 10.000 | 7.85 | 6.634 | |
| | Base plate motor-10 mm plate | 1*5 | 0.240 | 0.190 | 10.000 | 7.85 | 17.898 | |
| | Base plate stiffner motor-1-10 mm plate | 2*5 | 0.065 | 0.065 | 10.000 | 7.85 | 3.317 | |
| | Base plate stiffner motor-2--10 mm plate | 1*5 | 0.075 | 0.050 | 10.000 | 7.85 | 1.472 | |
| | Hoisting bridge (12 x 3M)(3 Nos),(7.4 x3)(2 No) | | | | | | | |

| | | | | | | | |
|--|------|--------|--------|--------|------|-----------|--|
| Longitudinal Girder Flange 16mm plate | 4*5 | 13.990 | 0.150 | 16.000 | 7.85 | 5271.432 | |
| Longitudinal Girder Web 10mm plate | 2*5 | 13.990 | 1.200 | 10.000 | 7.85 | 13178.580 | |
| Base plate Main Girder 20mm plate | 4*5 | 0.340 | 0.290 | 20.000 | 7.85 | 309.605 | |
| Alignment plate for base plate 10mm plate | 4*5 | 0.590 | 0.340 | 10.000 | 7.85 | 314.942 | |
| Web stiffener end side 10mm plate | 8*5 | 1.216 | 0.160 | 10.000 | 7.85 | 610.919 | |
| Anchoring rod end plate Dia 100x10 Thk | 16*5 | 0.100 | 0.100 | 10.000 | 7.85 | 62.801 | |
| Web stiffener-1 10mm plate | 8*5 | 0.908 | 0.0700 | 10.000 | 7.85 | 199.579 | |
| Web stiffener-2 10mm plate | 4*5 | 1.008 | 0.0700 | 10.000 | 7.85 | 110.780 | |
| Web stiffener-3-10mm plate | 22*5 | 1.058 | 0.0700 | 10.000 | 7.85 | 639.509 | |
| Web stiffener-4-10mm plate | 32*5 | 1.200 | 0.0700 | 10.000 | 7.85 | 1055.040 | |
| Hand rail base support 10mm plate | 14*5 | 0.250 | 0.135 | 10.000 | 7.85 | 185.457 | |
| Pulley frame 16mm plate | 4*5 | 1.192 | 0.525 | 16.000 | 7.85 | 1572.010 | |
| Pulley pin lock plate ,10mm | 16*5 | 0.160 | 0.050 | 10.000 | 7.85 | 50.240 | |
| Pulley- spacer OD 180, ID 82, 8mm thick | 8*5 | 0.180 | 0.180 | 8.000 | 7.85 | 81.389 | |
| Plate connect hoist bridge, 10mm plate | 2*5 | 0.150 | 0.150 | 10.000 | 7.85 | 17.663 | |
| Plummer block support (12 x 3.M)(3 Nos),(7.4 x3) (2no) | | | | | | | |
| Plummer block base 10mm plate | 8*5 | 0.300 | 0.150 | 10.000 | 7.85 | 141.300 | |
| Plummer block Support-1 10mm plate | 4*5 | 0.3300 | 0.300 | 10.000 | 7.85 | 155.430 | |
| Plummer block Support-2 10mm plate | 4*5 | 0.3300 | 0.1300 | 10.000 | 7.85 | 67.353 | |

| Drive unit(12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | | |
|---|------|-------|--|--|--|------|---------|--|
| Motor Frame-1 ISMC 150x75 | 2*5 | 1.570 | | | | 16.4 | 257.481 | |
| Motor Frame-2 ISMC 150x75 | 2*5 | 0.700 | | | | 16.4 | 114.800 | |
| Motor Frame-3 ISMC 150x75 | 1*5 | 0.700 | | | | 16.4 | 57.400 | |
| Frame of hand operating mechanism -1 ISA75x75x8 | 4*5 | 0.900 | | | | 8.9 | 160.201 | |
| Frame of hand operating mechanism -2 ISA75x75x8 | 2*5 | 0.400 | | | | 8.9 | 35.600 | |
| Frame of hand operating Mechanism -3 ISA75x75x8 | 2*5 | 0.500 | | | | 8.9 | 44.500 | |
| Worm reducer support-1 ISA 100x100x8 | 2*5 | 0.700 | | | | 12.1 | 84.700 | |
| Brake Frame-1 ISA 75x75x8 | 2*5 | 0.700 | | | | 8.9 | 62.301 | |
| Motorr Frame-1 ISA 75x75x8 | 2*5 | 0.700 | | | | 8.9 | 62.301 | |
| Plummer block frame ISMC150x75 | 1*5 | 0.250 | | | | 16.4 | 20.500 | |
| Ladder | | | | | | | | |
| Ladder Rails ISMC 150 x 75 | 2*2 | 6.000 | | | | 16.4 | 393.600 | |
| Platform ISA 75x75x8 | 28*2 | 1.500 | | | | 8.9 | 747.600 | |
| Platform ISA 75x75x8 | 42*2 | 0.300 | | | | 8.9 | 224.280 | |
| Support ISMC150x75 | 2*2 | 1.500 | | | | 16.4 | 98.400 | |
| Hand rail ISA 75x75x8 | 10*2 | 1.000 | | | | 8.9 | 178.000 | |
| Hand rail support ISA 75x75x8 | 10*2 | 0.150 | | | | 8.9 | 26.701 | |
| Dial gauge assy (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | | |
| Main frame - 1 ISMC 100 x 50 | 2*5 | 0.925 | | | | 9.2 | 85.100 | |

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|--|---------------------------------------|------|--------|-------|-------|------|----------|--|
| | Dial gauge support ISA 50x50x6 | 2*5 | 0.050 | | | 4.5 | 2.250 | |
| Hoisting bridge (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | | |
| | Cross girder -1 (C6), ISMC 300 x90 | 4*5 | 2.090 | | | 35.8 | 1496.440 | |
| | Cross girder- 2 (C-4), ISMC 200x75 | 2*5 | 2.090 | | | 22.1 | 461.890 | |
| | Cross girder-3 (C-3), ISMC 150x75 | 4*5 | 0.770 | | | 16.4 | 252.560 | |
| | Cross girder-4 (C-2), ISMC 150x75 | 2*5 | 0.979 | | | 16.4 | 160.556 | |
| | Cross girder-5 (C-7), ISMC 150x75 | 10*5 | 2.090 | | | 16.4 | 1713.800 | |
| | Cross girder-6 ISMC 150x75 | 4*5 | 0.979 | | | 16.4 | 321.112 | |
| | Cross support- angle ISA 75x75x8 | 38*5 | 0.100 | | | 8.9 | 169.100 | |
| | Catwalk main frame ISMC150x75 | 14*5 | 0.595 | | | 16.4 | 683.060 | |
| | Catwalk support angle ISA75x75x8 | 14*5 | 0.150 | | | 8.9 | 93.450 | |
| | Longitudinal support ISA 65x65x6 | 2*5 | 13.990 | | | 5.8 | 811.420 | |
| | Hand rail post ISA 65 x 65 x 6 | 28*5 | 1.250 | | | 5.8 | 1015.000 | |
| | Hand rail middle 50x8 Flat | 2*5 | 13.990 | 0.050 | 8.000 | 7.85 | 439.286 | |
| | Inclined support ISA 75x75x8 | 14*5 | 0.720 | | | 8.9 | 448.560 | |
| Gear box cover (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | | |
| | Frame-1 ISA 35x35x5 | 4*5 | 2.200 | | | 2.6 | 114.400 | |
| | Frame-2 ISA 35x35x5 | 4*5 | 0.540 | | | 2.6 | 28.081 | |
| | Frame-3 ISA 35x35x5 | 2*5 | 0.828 | | | 2.6 | 21.528 | |
| | Frame-4 ISA 35x35x5 | 4*5 | 0.132 | | | 2.6 | 6.865 | |
| | Frame-5 ISA 35x35x5 | 2*5 | 0.175 | | | 2.6 | 4.550 | |
| | Frame -6 ISA 35x35x5 | 2*5 | 0.073 | | | 2.6 | 1.898 | |

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|--|--|-----|-------|-------|-------|------|----------|--|
| | Handle support ISA 35x35x5 | 8*5 | 0.470 | | | 2.6 | 48.880 | |
| | Curved frame-1 50x5 Flat | 4*5 | 1.074 | 0.050 | 5.000 | 7.85 | 42.155 | |
| | Curved frame-2 50x5 Flat | 2*5 | 1.134 | 0.050 | 5.000 | 7.85 | 22.255 | |
| | Gear box assy (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| | Winch unit frame-1 ISMC 300x90 | 2*5 | 0.240 | | | 35.8 | 85.920 | |
| | Winch unit frame-2 ISMC 300x90 | 2*5 | 1.500 | | | 35.8 | 537.000 | |
| | Winch unit frame-3 ISMC 300x90 | 2*5 | 0.770 | | | 35.8 | 275.660 | |
| | Winch unit frame-4 ISMC 300x90 | 2*5 | 0.900 | | | 35.8 | 322.200 | |
| | Winch unit frame-5 ISMC 300x90 | 2*5 | 0.620 | | | 35.8 | 221.960 | |
| | Winch unit frame-6 ISMC 300x90 | 2*5 | 0.690 | | | 35.8 | 247.020 | |
| | Drive unit cover (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| | Frame-1 ISA 35x35x6 | 2*5 | 0.840 | | | 3.0 | 25.201 | |
| | Frame-2 ISA 35x35x6 | 2*5 | 1.000 | | | 3.0 | 30.000 | |
| | Frame-2 ISA 35x35x6 | 2*5 | 0.180 | | | 3.0 | 5.400 | |
| | Frame-4 ISA 35x35x6 | 2*5 | 0.994 | | | 3.0 | 29.820 | |
| | Frame-5 ISA 35x35x6 | 2*5 | 2.300 | | | 3.0 | 69.000 | |
| | Frame-6 ISA 35x35x6 | 2*5 | 0.840 | | | 3.0 | 25.201 | |
| | Frame-7 ISA 35x35x6 | 3*5 | 0.770 | | | 3.0 | 34.651 | |
| | Inspection Window supporting angle ISA 35x35x6 | 1*5 | 0.850 | | | 3.0 | 12.750 | |
| | Hoisting platform(12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| | MS chequered plate 6mm | 2*5 | 2.050 | 2.750 | | 49.2 | 2773.650 | |
| | MS chequered plate 6mm | 4*5 | 1.150 | 0.985 | | 49.2 | 1114.626 | |
| | MS chequered plate 6mm | 2*5 | 0.495 | 0.880 | | 49.2 | 214.316 | |

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|---|--|-------|--------|-------|--|------|----------------------|--|--|
| | MS chequered plate 6mm | 2*5 | 0.835 | 0.280 | | 49.2 | 115.030 | | |
| | MS chequered plate 6mm | 2*5 | 2.050 | 1.800 | | 49.2 | 1815.480 | | |
| | MS chequered plate 6mm | 1*5 | 13.990 | 0.410 | | 49.2 | 1411.032 | | |
| | Step for ladder | | | | | | | | |
| | MS chequered plate 6mm | 14*2 | 1.500 | 0.300 | | 49.2 | 619.920 | | |
| | Shutter (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | | |
| | Dia 12mm Rod | 2*5 | 0.300 | | | 0.89 | 2.670 | | |
| | Handle-1 16mm Rod | 2*2*5 | 0.300 | | | 1.58 | 9.480 | | |
| | Handle-2 16mm Rod | 1*2*5 | 0.280 | | | 1.58 | 4.424 | | |
| | Handle-3 16mm Rod | 1*2*5 | 0.400 | | | 1.58 | 6.320 | | |
| | Total Quantity | | | | | | 51727.335 kg | | |
| | Total Deducted Quantity | | | | | | 0.000 kg | | |
| | Net Total Quantity | | | | | | 51727.335 kg | | |
| | Say 51727.335 kg @ Rs 58.93 / kg | | | | | | Rs 3048291.85 | | |
| 8 | <p>10.19 Providing and fixing mild steel round holding down bolts with nuts and washer plates complete.</p> <p style="text-align: center;">Shutter (12 x3.M).(3nos)(7.4x3)(2no)</p> | | | | | | | | |
| | Rod 25mmx750mm W/2Nuts & Washer | 16*5 | | | | 2.95 | 236.000 | | |
| | Total Quantity | | | | | | 236.000 kg | | |
| | Total Deducted Quantity | | | | | | 0.000 kg | | |
| | Net Total Quantity | | | | | | 236.000 kg | | |
| | Say 236.000 kg @ Rs 89.19 / kg | | | | | | Rs 21048.84 | | |
| 9 | <p>od140930/2020_2021 Painting all the exposed surfaces 2 coats of enamel paint over 1 coat of zinchromate primer as per IS 1477:1994 over the grit blasted and cleaned surface to class A standard of IS 14177 including cost of all materials, labour charges, cost of testing all painting materials, all incidental charges, hire of T&P etc complete as per the direction of departmental officer at site.</p> <p style="text-align: center;">Gear box cover (12 x3.M).(3nos)(7.4x3)(2no)</p> | | | | | | | | |
| | Frame-1 ISA 35x35x5 | 4*5 | 2.200 | | | 0.14 | 6.160 | | |
| | Frame-2 ISA 35x35x5 | 4*5 | 0.540 | | | 0.14 | 1.513 | | |
| | Frame-3 ISA 35x35x5 | 2*5 | 0.828 | | | 0.14 | 1.160 | | |

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|--|--|------|--------|-------|--|------|--------|--|
| | Frame-4 ISA 35x35x5 | 4*5 | 0.132 | | | 0.14 | 0.370 | |
| | Frame-5 ISA 35x35x5 | 2*5 | 0.175 | | | 0.14 | 0.246 | |
| | Frame -6 ISA 35x35x5 | 2*5 | 0.073 | | | 0.14 | 0.103 | |
| | Handle support ISA 35x35x5 | 8*5 | 0.470 | | | 0.14 | 2.632 | |
| | Curved frame-1 50x5 Flat | 4*5 | 1.074 | 0.050 | | 2.0 | 2.148 | |
| | Curved frame-2 50x5 Flat | 2*5 | 1.134 | 0.050 | | 2.0 | 1.134 | |
| | Hoisting bridge (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| | Cross girder -1 (C6), ISMC 300 x90 | 4*5 | 2.090 | | | 0.96 | 40.128 | |
| | Cross girder- 2 (C-4), ISMC 200x75 | 2*5 | 2.090 | | | 0.7 | 14.630 | |
| | Cross girder-3 (C-3), ISMC 150x75 | 4*5 | 0.770 | | | 0.6 | 9.240 | |
| | Cross girder-4 (C-2), ISMC 150x75 | 2*5 | 0.979 | | | 0.6 | 5.874 | |
| | Cross girder-5 (C-7), ISMC 150x75 | 10*5 | 2.090 | | | 0.6 | 62.700 | |
| | Cross girder-6 ISMC 150x75 | 4*5 | 0.979 | | | 0.6 | 11.748 | |
| | Cross support- angle ISA 75x75x8 | 34*5 | 0.100 | | | 0.3 | 5.100 | |
| | Catwalk main frame ISMC150x75 | 14*5 | 0.595 | | | 0.6 | 24.990 | |
| | Catwalk support angle ISA75x75x8 | 14*5 | 0.150 | | | 0.3 | 3.150 | |
| | Longitudinal support ISA 65x65x6 | 2*5 | 13.990 | | | 0.26 | 36.374 | |
| | Hand rail post ISA 65 x 65 x 6 | 28*5 | 1.250 | | | 0.26 | 45.500 | |
| | Hand rail middle 50x8 Flat | 2*5 | 13.990 | 0.050 | | 2.0 | 13.990 | |
| | Inclined support ISA 75x75x8 | 14*5 | 0.720 | | | 0.3 | 15.120 | |
| | Dial assembly (12 x3M).(3nos)(7.4x3)(2no) | | | | | | | |

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|--|--|------|-------|-------|--|------|--------|--|
| | Base plate 8mm plate | 1*5 | 0.470 | 0.300 | | 2.0 | 1.410 | |
| | Stiffener plate-1 10mm plate | 2*5 | 0.185 | 0.150 | | 2.0 | 0.555 | |
| | Stiffener plate-2 10mm plate | 1*5 | 0.170 | 0.150 | | 2.0 | 0.255 | |
| | Shim 2mm plate | 1*5 | 0.165 | 0.060 | | 2.0 | 0.099 | |
| | Plummer block base plate 10mm plate | 1*5 | 0.280 | 0.090 | | 2.0 | 0.252 | |
| | Stiffener plate-1 10mm plate | 2*5 | 0.100 | 0.090 | | 2.0 | 0.180 | |
| | Round Dia 20mm,220 Lg | 1*5 | | | | 0.01 | 0.050 | |
| | R o u n d O D - 4 0 , I D 2 0 , 4 0 L g | 1*5 | | | | 0.12 | 0.600 | |
| | Stiffener plate-2 10mm plate | 2*5 | 0.276 | 0.230 | | 2.0 | 1.270 | |
| | Lifting arrangement (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| | Lifting Bracket Frame1 12mm plate | 4*5 | 1.030 | 0.590 | | 2.0 | 24.308 | |
| | Lifting Bracket side plate -1 10mm plate | 4*5 | 0.300 | 0.130 | | 2.0 | 1.560 | |
| | Lifting Bracket stiffener -1 10mm plate | 6*5 | 0.100 | 0.080 | | 2.0 | 0.480 | |
| | Lifting Bracket stiffener -2 10mm plate | 2*5 | 0.140 | 0.100 | | 2.0 | 0.280 | |
| | Lifting Bracket stiffener -3 10mm plate | 4*5 | 0.100 | 0.100 | | 2.0 | 0.401 | |
| | Rope guard 3.15 sheet | 4*5 | 0.650 | 0.100 | | 2.0 | 2.600 | |
| | Pin lock plate-1 10mm plate | 12*5 | 0.180 | 0.180 | | 2.0 | 3.888 | |
| | Lock plate -10mm plate | 24*5 | 0.130 | 0.050 | | 2.0 | 1.560 | |
| | S p a c e r O D - 1 5 0 , I D 8 2 , 8 T h k | 8*5 | 0.150 | 0.150 | | 2.0 | 1.800 | |

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|--|-----|--------|--------|--|-----|---------|--|
| Pin Cover-1 10mm plate | 4*5 | 0.080 | 0.025 | | 2.0 | 0.080 | |
| Lifting bracket Main frame-1 16mm plate | 4*5 | 1.220 | 0.250 | | 2.0 | 12.200 | |
| Lifting bracket Main frame-2 10mm plate | 2*5 | 1.100 | 0.128 | | 2.0 | 2.817 | |
| Lifting bracket Base 10mm plate | 2*5 | 1.050 | 0.400 | | 2.0 | 8.400 | |
| Traverse plate lifting bracket-1 10mm plate | 2*5 | 1.100 | 0.692 | | 2.0 | 15.224 | |
| Traverse plate lifting bracket-2 10mm plate | 2*5 | 1.269 | 0.210 | | 2.0 | 5.330 | |
| Gear box cover (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| Cover-1 3.15 sheet | 1*5 | 2.200 | 0.530 | | 2.0 | 11.661 | |
| Cover-1 3.15 sheet | 2*5 | 1.415 | 0.575 | | 2.0 | 16.273 | |
| Cover-1 3.15 sheet | 1*5 | 0.310 | 0.210 | | 2.0 | 0.651 | |
| Handle side plate 5mm plate | 1*5 | 0.073 | 0.035 | | 2.0 | 0.026 | |
| Plummer block support (12 x 3.M)(3 Nos),(7.4 x3) (2no) | | | | | | | |
| Plummer block base 10mm plate | 8*5 | 0.300 | 0.150 | | 2.0 | 3.600 | |
| Plummer block Support-1 10mm plate | 4*5 | 0.3300 | 0.300 | | 2.0 | 3.960 | |
| Plummer block Support-2 10mm plate | 4*5 | 0.3300 | 0.1300 | | 2.0 | 1.716 | |
| Hoisting bridge (12 x 3M)(3 Nos),(7.4 x3)(2 No) | | | | | | | |
| Longitudinal Girder Flange 16mm plate | 4*5 | 13.990 | 0.150 | | 2.0 | 83.940 | |
| Longitudinal Girder Web 10mm plate | 2*5 | 13.990 | 1.200 | | 2.0 | 335.760 | |
| Base plate Main Girder 20mm plate | 4*5 | 0.340 | 0.290 | | 2.0 | 3.945 | |
| Alignment plate for base plate 10mm plate | 4*5 | 0.590 | 0.340 | | 2.0 | 8.025 | |
| Web stiffener end side 10mm plate | 8*5 | 1.216 | 0.160 | | 2.0 | 15.565 | |

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|---|------|-------|--------|--|------|--------|--|
| Anchoring rod end plate Dia 100x10 Thk | 16*5 | 0.100 | 0.100 | | 2.0 | 1.601 | |
| Web stiffener-1 10mm plate | 8*5 | 0.908 | 0.0700 | | 2.0 | 5.085 | |
| Web stiffener-2 10mm plate | 4*5 | 1.008 | 0.0700 | | 2.0 | 2.823 | |
| Web stiffener-3-10mm plate | 22*5 | 1.058 | 0.0700 | | 2.0 | 16.294 | |
| Web stiffener-4-10mm plate | 32*5 | 1.200 | 0.0700 | | 2.0 | 26.881 | |
| Hand rail base support 10mm plate | 14*5 | 0.250 | 0.135 | | 2.0 | 4.726 | |
| Pulley frame 16mm plate | 4*5 | 1.192 | 0.525 | | 2.0 | 25.032 | |
| Gear box assembly (12 x3.M).(3nos),(7.4x3)(2no) | | | | | | | |
| Frame extension plate-1 10mm plate | 2*5 | 1.500 | 0.060 | | 2.0 | 1.800 | |
| Frame extension plate-2 10mm plate | 2*5 | 0.600 | 0.060 | | 2.0 | 0.720 | |
| Stiffener-1 10mm plate | 10*5 | 0.276 | 0.140 | | 2.0 | 3.865 | |
| Stiffener-2 10mm plate | 2*5 | 0.273 | 0.080 | | 2.0 | 0.437 | |
| Drum support plate-1 10mm plate | 8*5 | 0.120 | 0.090 | | 2.0 | 0.864 | |
| Drum support plate-2 10mm plate | 4*5 | 0.090 | 0.060 | | 2.0 | 0.216 | |
| Drum shaft support plate-1 20mm plate | 4*5 | 0.525 | 0.350 | | 2.0 | 7.350 | |
| Drum shaft support plate-1 20mm plate | 4*5 | 0.280 | 0.100 | | 2.0 | 1.120 | |
| Spacer OD - 160, ID76, 8mm Thk | 4*5 | | | | 0.64 | 12.800 | |
| Plummer block frame | 8*5 | 0.260 | 0.100 | | 2.0 | 2.080 | |
| Drive unit cover (12. x3.M)(3 nos).(7.4x3) (2no). | | | | | | | |
| Side cover-1 3.15 sheet | 2*5 | 1.472 | 0.970 | | 2.0 | 28.557 | |

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|--|-------|--------|-------|--|------|--------|--|
| Side cover-2 3.15 sheet | 1*5 | 0.970 | 0.820 | | 2.0 | 7.954 | |
| Top cover-1 3.15 sheet | 1*5 | 0.670 | 0.820 | | 2.0 | 5.494 | |
| Top cover-1 3.15 sheet | 1*5 | 1.640 | 0.820 | | 2.0 | 13.448 | |
| hand rails NB 32 | | | | | | | |
| Hand rails of Hoist bridge | 2*2*5 | 13.990 | | | 0.13 | 36.374 | |
| Ladder hand rail | 2*2*2 | 6.000 | | | 0.13 | 6.240 | |
| Drive unit(12 x 3.M)(3nos),(7.4x3)(2no) | | | | | | | |
| Worm reducer base-1 10mm plate | 1*5 | 0.380 | 0.360 | | 2.0 | 1.368 | |
| Worm reducer angle support -1 10mm plate | 4*5 | 0.090 | 0.090 | | 2.0 | 0.324 | |
| Worm reducer angle support -2 10mm plate | 2*5 | 0.147 | 0.100 | | 2.0 | 0.294 | |
| Brake support -1 10mm plate | 1*5 | 0.360 | 0.140 | | 2.0 | 0.504 | |
| Brake support stiffener -2 10mm plate | 4*5 | 0.065 | 0.065 | | 2.0 | 0.169 | |
| Base plate motor-10 mm plate | 1*5 | 0.240 | 0.190 | | 2.0 | 0.456 | |
| Base plate stiffner motor-1-10 mm plate | 2*5 | 0.065 | 0.065 | | 2.0 | 0.085 | |
| Base plate stiffner motor-2--10 mm plate | 1*5 | 0.075 | 0.050 | | 2.0 | 0.038 | |
| Wheels & Pinion (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| Wheel Lock plate 15mm plate | 6*5 | 0.025 | 0.070 | | 2.0 | 0.106 | |
| Rope drum unit Rope locking plate 20mm | 2*5 | 0.100 | 0.006 | | 2.0 | 0.012 | |
| Ladder | | | | | | | |
| Ladder Rails ISMC 150 x 75 | 2*2 | 6.000 | | | 0.6 | 14.400 | |
| Platform ISA 75x75x8 | 28*2 | 1.500 | | | 0.3 | 25.200 | |

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|--|---|------|-------|--|--|------|--------|--|
| | Platform ISA 75x75x8 | 42*2 | 0.300 | | | 0.3 | 7.560 | |
| | Support ISMC150x75 | 2*2 | 1.500 | | | 0.6 | 3.600 | |
| | Hand rail ISA 75x75x8 | 10*2 | 1.000 | | | 0.3 | 6.000 | |
| | Hand rail support ISA 75x75x8 | 10*2 | 0.150 | | | 0.3 | 0.900 | |
| | Dial gauge assy (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| | Main frame - 1 ISMC 100 x 50 | 2*5 | 0.925 | | | 0.4 | 3.700 | |
| | Dial gauge support ISA 50x50x6 | 2*5 | 0.050 | | | 0.2 | 0.100 | |
| | Gear box assy (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| | Winch unit frame-1 ISMC 300x90 | 2*5 | 0.240 | | | 0.96 | 2.304 | |
| | Winch unit frame-2 ISMC 300x90 | 2*5 | 1.500 | | | 0.96 | 14.400 | |
| | Winch unit frame-3 ISMC 300x90 | 2*5 | 0.770 | | | 0.96 | 7.392 | |
| | Winch unit frame-4 ISMC 300x90 | 2*5 | 0.900 | | | 0.96 | 8.640 | |
| | Winch unit frame-5 ISMC 300x90 | 2*5 | 0.620 | | | 0.96 | 5.952 | |
| | Winch unit frame-6 ISMC 300x90 | 2*5 | 0.690 | | | 0.96 | 6.624 | |
| | Drive unit cover (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| | Frame-1 ISA 35x35x6 | 2*5 | 0.840 | | | 0.14 | 1.177 | |
| | Frame-2 ISA 35x35x6 | 2*5 | 1.000 | | | 0.14 | 1.401 | |
| | Frame-2 ISA 35x35x6 | 2*5 | 0.180 | | | 0.14 | 0.252 | |
| | Frame-4 ISA 35x35x6 | 2*5 | 0.994 | | | 0.14 | 1.392 | |
| | Frame-5 ISA 35x35x6 | 2*5 | 2.300 | | | 0.14 | 3.220 | |
| | Frame-6 ISA 35x35x6 | 2*5 | 0.840 | | | 0.14 | 1.177 | |
| | Frame-7 ISA 35x35x6 | 3*5 | 0.770 | | | 0.14 | 1.618 | |
| | Drive unit(12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| | Motor Frame-1 ISMC 150x75 | 2*5 | 1.570 | | | 0.6 | 9.420 | |
| | Motor Frame-2 ISMC 150x75 | 2*5 | 0.700 | | | 0.6 | 4.200 | |

| | | | | | | | |
|---|------|--------|-------|--|------|---------|--|
| Motor Frame-3 ISMC 150x75 | 1*5 | 0.700 | | | 0.6 | 2.100 | |
| Frame of hand operating mechanism -1 ISA75x75x8 | 4*5 | 0.900 | | | 0.3 | 5.400 | |
| Frame of hand operating mechanism -2 ISA75x75x8 | 2*5 | 0.400 | | | 0.3 | 1.200 | |
| Frame of hand operating Mechanism -3 ISA75x75x8 | 2*5 | 0.500 | | | 0.3 | 1.500 | |
| Worm reducer support-1 ISA 100x100x8 | 2*5 | 0.700 | | | 0.4 | 2.801 | |
| Brake Frame-1 ISA 75x75x8 | 2*5 | 0.700 | | | 0.3 | 2.100 | |
| Motorr Frame-1 ISA 75x75x8 | 2*5 | 0.700 | | | 0.3 | 2.100 | |
| Plummer block frame ISMC150x75 | 1*5 | 0.250 | | | 0.6 | 0.750 | |
| Hoisting platform(12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| MS chequered plate 6mm | 2*5 | 2.050 | 2.750 | | 2.0 | 112.750 | |
| MS chequered plate 6mm | 4*5 | 1.150 | 0.985 | | 2.0 | 45.310 | |
| MS chequered plate 6mm | 2*5 | 0.495 | 0.880 | | 2.0 | 8.712 | |
| MS chequered plate 6mm | 2*5 | 0.835 | 0.280 | | 2.0 | 4.676 | |
| MS chequered plate 6mm | 2*5 | 2.050 | 1.800 | | 2.0 | 73.800 | |
| MS chequered plate 6mm | 1*5 | 13.990 | 0.410 | | 2.0 | 57.359 | |
| Step for ladder | | | | | | | |
| MS chequered plate 6mm | 14*2 | 1.500 | 0.300 | | 2.0 | 25.200 | |
| Shutter (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| Dia 12mm Rod | 2*5 | 0.300 | | | 0.05 | 0.151 | |

| | | | | | | | | | |
|----|--|--------|-------|-------|-------|------|---------------------|--|--|
| | Handle-1 16mm Rod | 2*2*5 | 0.300 | | | 0.05 | 0.301 | | |
| | Handle-2 16mm Rod | 1*2*5 | 0.280 | | | 0.05 | 0.140 | | |
| | Handle-3 16mm Rod | 1*2*5 | 0.400 | | | 0.05 | 0.200 | | |
| | Total Quantity | | | | | | 1567.027 sqm | | |
| | Total Deducted Quantity | | | | | | 0.000 sqm | | |
| | Net Total Quantity | | | | | | 1567.027 sqm | | |
| | Say 1567.027 sqm @ Rs 556.86 / sqm | | | | | | Rs 872614.66 | | |
| 10 | 85.136 Erection of the hoisting bridge unit including handrails , ladder and platform etc. in correct alignment and anchoring it ; setting and aligning the covers of the hoisting unit etc complete including cost of all labour, machinery, incidental and conveyance , lead and lift charges etc complete but excluding cost of materials already supplied | | | | | | | | |
| | Shutter (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | | |
| | M16x80 Bolts W/ nuts | 8*5 | | | | 0.18 | 7.200 | | |
| | M16x50 Bolts W/ nuts | 84*5 | | | | 0.14 | 58.801 | | |
| | M16x60 Bolts W/ nuts | 8*5 | | | | 0.15 | 6.000 | | |
| | M16x60 Bolts W/ nuts | 8*5 | | | | 0.06 | 2.400 | | |
| | M20x100 Bolts W/ nuts | 4*5 | | | | 0.36 | 7.200 | | |
| | M12x65 Bolts W/ nuts | 6*5 | | | | 0.09 | 2.700 | | |
| | M20x100 Bolts W/ nuts | 12*5 | | | | 0.36 | 21.600 | | |
| | M12x60 Bolts W/ nuts | 20*5 | | | | 0.08 | 8.000 | | |
| | M16x120 Bolts W/ nuts | 8*2*5 | | | | 0.25 | 20.000 | | |
| | M16x40 Bolts W/ nuts | 16*2*5 | | | | 0.12 | 19.200 | | |
| | M8 Hex screw | 8*2*5 | | | | 0.02 | 1.600 | | |
| | M12x40 Bolts W/ nuts | 16*2*5 | | | | 0.06 | 9.600 | | |
| | M16x55 Bolts W/ nuts | 4*5 | | | | 0.15 | 3.000 | | |
| | M16x70 Bolts W/ nuts | 6*2*5 | | | | 0.17 | 10.201 | | |
| | M6x25 Screw | 8*5 | | | | 0.01 | 0.400 | | |
| | M16x40Bolts W/ nuts | 48*5 | | | | 0.12 | 28.800 | | |
| | Washer | 360 | | | | 0.01 | 3.600 | | |
| | Dial assembly (12 x3M).(3nos)(7.4x3)(2no) | | | | | | | | |
| | Base plate 8mm plate | 1*5 | 0.470 | 0.300 | 8.000 | 7.85 | 44.274 | | |

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|--|--|------|-------|-------|--------|------|----------|--|
| | Stiffener plate-1 10mm plate | 2*5 | 0.185 | 0.150 | 10.000 | 7.85 | 21.784 | |
| | Stiffener plate-2 10mm plate | 1*5 | 0.170 | 0.150 | 10.000 | 7.85 | 10.009 | |
| | Shim 2mm plate | 1*5 | 0.165 | 0.060 | 2.000 | 7.85 | 0.778 | |
| | Plummer block base plate 10mm plate | 1*5 | 0.280 | 0.090 | 10.000 | 7.85 | 9.891 | |
| | Stiffener plate-1 10mm plate | 2*5 | 0.100 | 0.090 | 10.000 | 7.85 | 7.065 | |
| | Stiffener plate-2 10mm plate | 2*5 | 0.276 | 0.230 | 10.000 | 7.85 | 49.832 | |
| | Lifting arrangement (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| | Lifting Bracket Frame1 12mm plate | 4*5 | 1.030 | 0.590 | 12.000 | 7.85 | 1144.907 | |
| | Lifting Bracket side plate -1 10mm plate | 4*5 | 0.300 | 0.130 | 10.000 | 7.85 | 61.231 | |
| | Lifting Bracket stiffener -1 10mm plate | 6*5 | 0.100 | 0.080 | 10.000 | 7.85 | 18.840 | |
| | Lifting Bracket stiffener -2 10mm plate | 2*5 | 0.140 | 0.100 | 10.000 | 7.85 | 10.990 | |
| | Lifting Bracket stiffener -3 10mm plate | 4*5 | 0.100 | 0.100 | 10.000 | 7.85 | 15.701 | |
| | Rope guard 3.15 sheet | 4*5 | 0.650 | 0.100 | 3.150 | 7.85 | 32.146 | |
| | Pin lock plate-1 10mm plate | 12*5 | 0.180 | 0.180 | 10.000 | 7.85 | 152.604 | |
| | Lock plate -10mm plate | 24*5 | 0.130 | 0.050 | 10.000 | 7.85 | 61.231 | |
| | Spacer OD - 150, ID82, 8 Thk | 8*5 | 0.150 | 0.150 | 8.000 | 7.85 | 56.520 | |
| | Pin Cover-1 10mm plate | 4*5 | 0.080 | 0.025 | 10.000 | 7.85 | 3.140 | |
| | Lifting bracket Main frame-1 16mm plate | 4*5 | 1.220 | 0.250 | 16.000 | 7.85 | 766.160 | |
| | Lifting bracket Main frame-2 10mm plate | 2*5 | 1.100 | 0.128 | 10.000 | 7.85 | 110.528 | |

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|---|------|-------|-------|--------|------|---------|--|
| Lifting bracket Base 10mm plate | 2*5 | 1.050 | 0.400 | 10.000 | 7.85 | 329.700 | |
| Traverse plate lifting bracket-1 10mm plate | 2*5 | 1.100 | 0.692 | 10.000 | 7.85 | 597.542 | |
| Traverse plate lifting bracket-2 10mm plate | 2*5 | 1.269 | 0.210 | 10.000 | 7.85 | 209.195 | |
| Wheels & Pinion (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| Wheel Lock plate 15mm plate | 6*5 | 0.025 | 0.070 | 15.000 | 7.85 | 6.182 | |
| Rope drum unit Rope locking plate 20mm | 2*5 | 0.100 | 0.006 | 20.000 | 7.85 | 0.942 | |
| Gear box cover (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| Cover-1 3.15 sheet | 2*5 | 2.200 | 0.530 | 3.150 | 7.85 | 288.323 | |
| Cover-1 3.15 sheet | 4*5 | 1.415 | 0.575 | 3.150 | 7.85 | 402.379 | |
| Cover-1 3.15 sheet | 2*5 | 0.310 | 0.210 | 3.150 | 7.85 | 16.098 | |
| Gear box assembly (12 x3.M).(3nos),(7.4x3)(2no) | | | | | | | |
| Frame extension plate-1 10mm plate | 2*5 | 1.500 | 0.060 | 10.000 | 7.85 | 70.650 | |
| Frame extension plate-2 10mm plate | 2*5 | 0.600 | 0.060 | 10.000 | 7.85 | 28.260 | |
| Stiffener-1 10mm plate | 10*5 | 0.276 | 0.140 | 10.000 | 7.85 | 151.663 | |
| Stiffener-2 10mm plate | 2*5 | 0.273 | 0.080 | 10.000 | 7.85 | 17.145 | |
| Drum support plate-1 10mm plate | 8*5 | 0.120 | 0.090 | 10.000 | 7.85 | 33.912 | |
| Drum support plate-2 10mm plate | 4*5 | 0.090 | 0.060 | 10.000 | 7.85 | 8.478 | |
| Drum shaft support plate-1 20mm plate | 4*5 | 0.525 | 0.350 | 20.000 | 7.85 | 576.975 | |
| Drum shaft support plate-1 20mm plate | 4*5 | 0.280 | 0.100 | 20.000 | 7.85 | 87.920 | |
| S p a c e r O D - 160, ID76, 8mm Thk | 4*5 | 0.160 | 0.160 | 8.000 | 7.85 | 32.154 | |
| Plummer block frame | 8*5 | 0.260 | 0.100 | 50.000 | 7.85 | 408.200 | |
| Drive unit cover (12. x3.M)(3 nos).(7.4x3) (2no). | | | | | | | |

| | | | | | | | |
|---|-----|--------|-------|--------|------|-----------|--|
| Side cover-1 3.15 sheet | 2*5 | 1.472 | 0.970 | 3.150 | 7.85 | 353.070 | |
| Side cover-2 3.15 sheet | 1*5 | 0.970 | 0.820 | 3.150 | 7.85 | 98.342 | |
| Side cover-3 3.15 sheet | 1*5 | 0.670 | 0.820 | 3.150 | 7.85 | 67.927 | |
| Top cover-1 3.15 sheet | 1*5 | 1.640 | 0.820 | 3.150 | 7.85 | 166.268 | |
| Plate on side plate 5mm plate | 1*5 | 0.150 | 0.150 | 5.000 | 7.85 | 4.416 | |
| Plate at the opening of both side- 5mm plate | 2*5 | 1.100 | 0.050 | 5.000 | 7.85 | 21.588 | |
| Drive unit(12 x 3.M)(3nos),(7.4x3)(2no) | | | | | | | |
| Worm reducer base-1 10mm plate | 1*5 | 0.380 | 0.360 | 10.000 | 7.85 | 53.694 | |
| Worm reducer angle support -1 10mm plate | 4*5 | 0.090 | 0.090 | 10.000 | 7.85 | 12.717 | |
| Worm reducer angle support -2 10mm plate | 2*5 | 0.147 | 0.100 | 10.000 | 7.85 | 11.540 | |
| Brake support -1 10mm plate | 1*5 | 0.360 | 0.140 | 10.000 | 7.85 | 19.782 | |
| Brake support stiffener -2 10mm plate | 4*5 | 0.065 | 0.065 | 10.000 | 7.85 | 6.634 | |
| Base plate motor-10 mm plate | 1*5 | 0.240 | 0.190 | 10.000 | 7.85 | 17.898 | |
| Base plate stiffner motor-1-10 mm plate | 2*5 | 0.065 | 0.065 | 10.000 | 7.85 | 3.317 | |
| Base plate stiffner motor-2--10 mm plate | 1*5 | 0.075 | 0.050 | 10.000 | 7.85 | 1.472 | |
| Hoisting bridge (12 x 3M)(3 Nos),(7.4 x3)(2 No) | | | | | | | |
| Longitudinal Girder Flange 16mm plate | 4*5 | 13.990 | 0.150 | 16.000 | 7.85 | 5271.432 | |
| Longitudinal Girder Web 10mm plate | 2*5 | 13.990 | 1.200 | 10.000 | 7.85 | 13178.580 | |
| Base plate Main Girder 20mm plate | 4*5 | 0.340 | 0.290 | 20.000 | 7.85 | 309.605 | |

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|--|------|--------|--------|--------|------|----------|--|
| Alignment plate for base plate 10mm plate | 4*5 | 0.590 | 0.340 | 10.000 | 7.85 | 314.942 | |
| Web stiffener end side 10mm plate | 8*5 | 1.216 | 0.160 | 10.000 | 7.85 | 610.919 | |
| Anchoring rod end plate Dia 100x10 Thk | 16*5 | 0.100 | 0.100 | 10.000 | 7.85 | 62.801 | |
| Web stiffener-1 10mm plate | 8*5 | 0.908 | 0.0700 | 10.000 | 7.85 | 199.579 | |
| Web stiffener-2 10mm plate | 4*5 | 1.008 | 0.0700 | 10.000 | 7.85 | 110.780 | |
| Web stiffener-3-10mm plate | 22*5 | 1.058 | 0.0700 | 10.000 | 7.85 | 639.509 | |
| Web stiffener-4-10mm plate | 32*5 | 1.200 | 0.0700 | 10.000 | 7.85 | 1055.040 | |
| Hand rail base support 10mm plate | 14*5 | 0.250 | 0.135 | 10.000 | 7.85 | 185.457 | |
| Pulley frame 16mm plate | 4*5 | 1.192 | 0.525 | 16.000 | 7.85 | 1572.010 | |
| Pulley pin lock plate ,10mm | 16*5 | 0.160 | 0.050 | 10.000 | 7.85 | 50.240 | |
| Pulley- spacer OD 180, ID 82, 8mm thick | 8*5 | 0.180 | 0.180 | 8.000 | 7.85 | 81.389 | |
| Plate connect hoist bridge, 10mm plate | 2*5 | 0.150 | 0.150 | 10.000 | 7.85 | 17.663 | |
| Plummer block support (12 x 3.M)(3 Nos),(7.4 x3) (2no) | | | | | | | |
| Plummer block base 10mm plate | 8*5 | 0.300 | 0.150 | 10.000 | 7.85 | 141.300 | |
| Plummer block Support-1 10mm plate | 4*5 | 0.3300 | 0.300 | 10.000 | 7.85 | 155.430 | |
| Plummer block Support-2 10mm plate | 4*5 | 0.3300 | 0.1300 | 10.000 | 7.85 | 67.353 | |
| Drive unit(12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| Motor Frame-1 ISMC 150x75 | 2*5 | 1.570 | | | 16.4 | 257.481 | |
| Motor Frame-2 ISMC 150x75 | 2*5 | 0.700 | | | 16.4 | 114.800 | |

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|---|------|-------|--|--|------|----------|--|
| Motor Frame-3 ISMC 150x75 | 1*5 | 0.700 | | | 16.4 | 57.400 | |
| Frame of hand operating mechanism -1 ISA75x75x8 | 4*5 | 0.900 | | | 8.9 | 160.201 | |
| Frame of hand operating mechanism -2 ISA75x75x8 | 2*5 | 0.400 | | | 8.9 | 35.600 | |
| Frame of hand operating Mechanism -3 ISA75x75x8 | 2*5 | 0.500 | | | 8.9 | 44.500 | |
| Worm reducer support-1 ISA 100x100x8 | 2*5 | 0.700 | | | 12.1 | 84.700 | |
| Brake Frame-1 ISA 75x75x8 | 2*5 | 0.700 | | | 8.9 | 62.301 | |
| Motorr Frame-1 ISA 75x75x8 | 2*5 | 0.700 | | | 8.9 | 62.301 | |
| Plummer block frame ISMC150x75 | 1*5 | 0.250 | | | 16.4 | 20.500 | |
| Ladder | | | | | | | |
| Ladder Rails ISMC 150 x 75 | 2*2 | 6.000 | | | 16.4 | 393.600 | |
| Platform ISA 75x75x8 | 28*2 | 1.500 | | | 8.9 | 747.600 | |
| Platform ISA 75x75x8 | 42*2 | 0.300 | | | 8.9 | 224.280 | |
| Support ISMC150x75 | 2*2 | 1.500 | | | 16.4 | 98.400 | |
| Hand rail ISA 75x75x8 | 10*2 | 1.000 | | | 8.9 | 178.000 | |
| Hand rail support ISA 75x75x8 | 10*2 | 0.150 | | | 8.9 | 26.701 | |
| Dial gauge assy (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| Main frame - 1 ISMC 100 x 50 | 2*5 | 0.925 | | | 9.2 | 85.100 | |
| Dial gauge support ISA 50x50x6 | 2*5 | 0.050 | | | 4.5 | 2.250 | |
| Hoisting bridge (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| Cross girder -1 (C6), ISMC 300 x90 | 4*5 | 2.090 | | | 35.8 | 1496.440 | |

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|---|------|--------|-------|-------|------|----------|--|
| Cross girder- 2 (C-4), ISMC 200x75 | 2*5 | 2.090 | | | 22.1 | 461.890 | |
| Cross girder-3 (C-3), ISMC 150x75 | 4*5 | 0.770 | | | 16.4 | 252.560 | |
| Cross girder-4 (C-2), ISMC 150x75 | 2*5 | 0.979 | | | 16.4 | 160.556 | |
| Cross girder-5 (C-7), ISMC 150x75 | 10*5 | 2.090 | | | 16.4 | 1713.800 | |
| Cross girder-6 ISMC 150x75 | 4*5 | 0.979 | | | 16.4 | 321.112 | |
| Cross support- angle ISA 75x75x8 | 38*5 | 0.100 | | | 8.9 | 169.100 | |
| Catwalk main frame ISMC150x75 | 14*5 | 0.595 | | | 16.4 | 683.060 | |
| Catwalk support angle ISA75x75x8 | 14*5 | 0.150 | | | 8.9 | 93.450 | |
| Longitudinal support ISA 65x65x6 | 2*5 | 13.990 | | | 5.8 | 811.420 | |
| Hand rail post ISA 65 x 65 x 6 | 28*5 | 1.250 | | | 5.8 | 1015.000 | |
| Hand rail middle 50x8 Flat | 2*5 | 13.990 | 0.050 | 8.000 | 7.85 | 439.286 | |
| Inclined support ISA 75x75x8 | 14*5 | 0.720 | | | 8.9 | 448.560 | |
| Gear box cover (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| Frame-1 ISA 35x35x5 | 4*5 | 2.200 | | | 2.6 | 114.400 | |
| Frame-2 ISA 35x35x5 | 4*5 | 0.540 | | | 2.6 | 28.081 | |
| Frame-3 ISA 35x35x5 | 2*5 | 0.828 | | | 2.6 | 21.528 | |
| Frame-4 ISA 35x35x5 | 4*5 | 0.132 | | | 2.6 | 6.865 | |
| Frame-5 ISA 35x35x5 | 2*5 | 0.175 | | | 2.6 | 4.550 | |
| Frame -6 ISA 35x35x5 | 2*5 | 0.073 | | | 2.6 | 1.898 | |
| Handle support ISA 35x35x5 | 8*5 | 0.470 | | | 2.6 | 48.880 | |
| Curved frame-1 50x5 Flat | 4*5 | 1.074 | 0.050 | 5.000 | 7.85 | 42.155 | |
| Curved frame-2 50x5 Flat | 2*5 | 1.134 | 0.050 | 5.000 | 7.85 | 22.255 | |

| Gear box assy (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | | |
|--|-----|--------|-------|--|--|------|----------|--|
| Winch unit frame-1 ISMC 300x90 | 2*5 | 0.240 | | | | 35.8 | 85.920 | |
| Winch unit frame-2 ISMC 300x90 | 2*5 | 1.500 | | | | 35.8 | 537.000 | |
| Winch unit frame-3 ISMC 300x90 | 2*5 | 0.770 | | | | 35.8 | 275.660 | |
| Winch unit frame-4 ISMC 300x90 | 2*5 | 0.900 | | | | 35.8 | 322.200 | |
| Winch unit frame-5 ISMC 300x90 | 2*5 | 0.620 | | | | 35.8 | 221.960 | |
| Winch unit frame-6 ISMC 300x90 | 2*5 | 0.690 | | | | 35.8 | 247.020 | |
| Drive unit cover (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | | |
| Frame-1 ISA 35x35x6 | 2*5 | 0.840 | | | | 3.0 | 25.201 | |
| Frame-2 ISA 35x35x6 | 2*5 | 1.000 | | | | 3.0 | 30.000 | |
| Frame-2 ISA 35x35x6 | 2*5 | 0.180 | | | | 3.0 | 5.400 | |
| Frame-4 ISA 35x35x6 | 2*5 | 0.994 | | | | 3.0 | 29.820 | |
| Frame-5 ISA 35x35x6 | 2*5 | 2.300 | | | | 3.0 | 69.000 | |
| Frame-6 ISA 35x35x6 | 2*5 | 0.840 | | | | 3.0 | 25.201 | |
| Frame-7 ISA 35x35x6 | 3*5 | 0.770 | | | | 3.0 | 34.651 | |
| Inspection Window supporting angle ISA 35x35x6 | 1*5 | 0.850 | | | | 3.0 | 12.750 | |
| Hoisting platform(12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | | |
| MS chequered plate 6mm | 2*5 | 2.050 | 2.750 | | | 49.2 | 2773.650 | |
| MS chequered plate 6mm | 4*5 | 1.150 | 0.985 | | | 49.2 | 1114.626 | |
| MS chequered plate 6mm | 2*5 | 0.495 | 0.880 | | | 49.2 | 214.316 | |
| MS chequered plate 6mm | 2*5 | 0.835 | 0.280 | | | 49.2 | 115.030 | |
| MS chequered plate 6mm | 2*5 | 2.050 | 1.800 | | | 49.2 | 1815.480 | |
| MS chequered plate 6mm | 1*5 | 13.990 | 0.410 | | | 49.2 | 1411.032 | |

| SI No | Description | No | L | B | D | CF | Quantity | Remark |
|---|---|-------|-------|-------|---|----|---------------------|----------|
| | Step for ladder | | | | | | | |
| | MS chequered plate 6mm | 14*2 | 1.500 | 0.300 | | | 49.2 | 619.920 |
| | Shutter (12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| | Dia 12mm Rod | 2*5 | 0.300 | | | | 0.89 | 2.670 |
| | Handle-1 16mm Rod | 2*2*5 | 0.300 | | | | 1.58 | 9.480 |
| | Handle-2 16mm Rod | 1*2*5 | 0.280 | | | | 1.58 | 4.424 |
| | Handle-3 16mm Rod | 1*2*5 | 0.400 | | | | 1.58 | 6.320 |
| | Total Quantity | | | | | | 51937.637 kg | |
| | Total Deducted Quantity | | | | | | 0.000 kg | |
| | Net Total Quantity | | | | | | 51937.637 kg | |
| | Say 51937.637 kg @ Rs 3.40 / kg | | | | | | Rs 176587.97 | |
| 11 | 10.2 Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. | | | | | | | |
| | stair case | | | | | | | |
| | structural steel staircase to the operating platform having dimensions 3mx1m @15kg/m2 | 1 | 3.000 | 1.000 | | | 15.0 | 45.000 |
| | Total Quantity | | | | | | 45.000 kg | |
| | Total Deducted Quantity | | | | | | 0.000 kg | |
| | Net Total Quantity | | | | | | 45.000 kg | |
| | Say 45.000 kg @ Rs 88.66 / kg | | | | | | Rs 3989.70 | |
| 11 Appendix F 6 Supplying, stacking, erecting and trial run of rope drum hoisting Unit | | | | | | | | |
| 1 | 85.128 Providing Line shaft ,material : MS rolled/ forged steel | | | | | | | |
| | Shutter(12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| | 60mm Dia Line shaft | 2*5 | 8.200 | | | | 22.18 | 1818.760 |
| | Total Quantity | | | | | | 1818.760 kg | |
| | Total Deducted Quantity | | | | | | 0.000 kg | |
| | Net Total Quantity | | | | | | 1818.760 kg | |
| | Say 1818.760 kg @ Rs 128.95 / kg | | | | | | Rs 234529.10 | |

| | | | | | | | | |
|---|--|-------|--|--|--|--|--|----------------------|
| 2 | od141103/2020_2021 Cost of supplying and stacking 20mm, 6/36 construction, right hand lay ungalvanised main fiber core wire rope having UTS 180Kg/mm ² breaking load capacity 19266 Kg confirming to IS2266-1989 | | | | | | | |
| | Shutter(12 x3.M).(3nos)(7.4x3)(2no) | | | | | | | |
| | 18mm wire rope for 10 units | 118*5 | | | | | | 590.000 |
| | Total Quantity | | | | | | | 590.000 metre |
| | Total Deducted Quantity | | | | | | | 0.000 metre |
| | Net Total Quantity | | | | | | | 590.000 metre |
| | Say 590.000 metre @ Rs 309.77 / metre | | | | | | | Rs 182764.30 |
| 3 | od141104/2020_2021 Providing DIAL ASSEMBLY | | | | | | | |
| | For hoisting unit | | | | | | | |
| | For 5 Nos hoisting unit | 1*5 | | | | | | 5.000 |
| | Total Quantity | | | | | | | 5.000 set |
| | Total Deducted Quantity | | | | | | | 0.000 set |
| | Net Total Quantity | | | | | | | 5.000 set |
| | Say 5.000 set @ Rs 26937.86 / set | | | | | | | Rs 134689.30 |
| 4 | 85.133 Other Engineering Organisations Supplying and stacking of 25 Tonne capacity rope drum hoisting unit having 13.5 m lift at a hoisting speed of about 0.45 m/min(+/-10%) through pulley arrangements with 4 numbers of falls on either side with 20mm tested galvanized wire rope 6/36 construction, fibre core having breaking capacity 23853Kg and driven by TEFC squirrel cage induction motor hoist duty type having capacity not less than 5HP and driven through self locking worm reducer and open gear reduction unit excluding the cost of Line shaft but including 2 nos. of plummer blocks with bearings for line shaft supported at proper intervals and including cost of electro magnetic thruster brake assembly manual operating systems, electrical accessories like DOL starters, limit switch, main switches and other safety equipments as per drawings specifications and statutory requirements etc complete but excluding cost of wire rope. | | | | | | | |
| | For hoisting unit | | | | | | | |
| | For 5 Nos hoisting unit | 1*5 | | | | | | 5.000 |
| | Total Quantity | | | | | | | 5.000 set |
| | Total Deducted Quantity | | | | | | | 0.000 set |
| | Net Total Quantity | | | | | | | 5.000 set |
| | Say 5.000 set @ Rs 917881.48 / set | | | | | | | Rs 4589407.40 |
| 5 | 85.125 Conveying and erecting in position the already supplied rope drum hoisting units (15T/ 20T/25T/30T) capacity on the hoisting bridge and correcting the alignment as far as possible manually as per the direction of departmental officer at site including cost of all labour, machinery, lead and lift and all | | | | | | | |

| | | | | | | | | |
|--------------------------------------|---|-----|---|---|---|----|---------------------|--------|
| | incidental and conveyance charges etc complete | | | | | | | |
| | For hoisting unit | | | | | | | |
| | For 5 Nos hoisting unit | 1*5 | | | | | 5.000 | |
| | Total Quantity | | | | | | 5.000 no | |
| | Total Deducted Quantity | | | | | | 0.000 no | |
| | Net Total Quantity | | | | | | 5.000 no | |
| | Say 5.000 no @ Rs 55766.26 / no | | | | | | Rs 278831.30 | |
| 6 | 85.135 Conveying and Fixing wire rope already supplied to the new gates and Hoisting unit safely and conducting Trial run | | | | | | | |
| | For hoisting unit | | | | | | | |
| | For 5 nos hoisting unit | 1*5 | | | | | 5.000 | |
| | Total Quantity | | | | | | 5.000 set | |
| | Total Deducted Quantity | | | | | | 0.000 set | |
| | Net Total Quantity | | | | | | 5.000 set | |
| | Say 5.000 set @ Rs 16889.83 / set | | | | | | Rs 84449.15 | |
| SI No | Description | No | L | B | D | CF | Quantity | Remark |
| 12 Appendix H-Electrical work | | | | | | | | |
| 1 | od334205/2020_2021 Supply & installation of dust and vermin proof, 3 Phase Syntex Meter Board GS-MB-6535(size 760x450x260x) and to fix KSEB meters, fuse units, CT etc as required including fixing it on wall, making good the damages colour washing etc. as required. | | | | | | | |
| | od334205/2020_2021 | 1 | | | | | 1.000 | |
| | Total Quantity | | | | | | 1.000 each | |
| | Total Deducted Quantity | | | | | | 0.000 each | |
| | Net Total Quantity | | | | | | 1.000 each | |
| | Say 1.000 each @ Rs 4814.18 / each | | | | | | Rs 4814.18 | |
| 2 | od334206/2020_2021 100A HRC fuse fuse base with fuse link | | | | | | | |
| | od334206/2020_2021 | 3 | | | | | 3.000 | |
| | Total Quantity | | | | | | 3.000 each | |
| | Total Deducted Quantity | | | | | | 0.000 each | |
| | Net Total Quantity | | | | | | 3.000 each | |
| | Say 3.000 each @ Rs 548.41 / each | | | | | | Rs 1645.23 | |
| 3 | od334207/2020_2021 | | | | | | | |

| | | | | | | | |
|---|--|----|--------|--|--|--|-------------------|
| | 100 A, 415 V, 2 way neutral link mounted on DMC/ SMC base. | | | | | | |
| | od334207/2020_2021 | 1 | | | | | 1.000 |
| | Total Quantity | | | | | | 1.000 each |
| | Total Deducted Quantity | | | | | | 0.000 each |
| | Net Total Quantity | | | | | | 1.000 each |
| | Say 1.000 each @ Rs 343.98 / each | | | | | | Rs 343.98 |
| 4 | 1.10.3 Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVCinsulated copper conductor single core cable in surface / recessed medium class PVC conduit,with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLSPVC insulated copper conductor single core cable etc as required.Group C | | | | | | |
| | 1.10.3 | 8 | | | | | 8.000 |
| | Total Quantity | | | | | | 8.000 point |
| | Total Deducted Quantity | | | | | | 0.000 point |
| | Net Total Quantity | | | | | | 8.000 point |
| | Say 8.000 point @ Rs 992.12 / point | | | | | | Rs 7936.96 |
| 5 | 1.12 Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single corecable in surface/ recessed medium class PVC conduit along with 1 No 4 sq. mm FRLS PVC insulatedcopper conductor single core cable for loop earthing as required. | | | | | | |
| | 1.12 | 10 | | | | | 10.000 |
| | Total Quantity | | | | | | 10.000 metre |
| | Total Deducted Quantity | | | | | | 0.000 metre |
| | Net Total Quantity | | | | | | 10.000 metre |
| | Say 10.000 metre @ Rs 220.18 / metre | | | | | | Rs 2201.80 |
| 6 | 1.14.1 Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface / recessed medium class PVC conduit as required2x1.5 sq.mm + 1x1.5 sq.mm earth wire | | | | | | |
| | 1.14.1 | 1 | 15.000 | | | | 15.000 |
| | Total Quantity | | | | | | 15.000 metre |
| | Total Deducted Quantity | | | | | | 0.000 metre |
| | Net Total Quantity | | | | | | 15.000 metre |
| | Say 15.000 metre @ Rs 146.79 / metre | | | | | | Rs 2201.85 |
| 7 | 1.25 Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate | | | | | | |

| | | | | | | | |
|----|--|---|--|--|--|--|-------------------|
| | switch box including connections but excluding modular plate etc. as required. | | | | | | |
| | 1.25 | 3 | | | | | 3.000 |
| | Total Quantity | | | | | | 3.000 each |
| | Total Deducted Quantity | | | | | | 0.000 each |
| | Net Total Quantity | | | | | | 3.000 each |
| | Say 3.000 each @ Rs 377.45 / each | | | | | | Rs 1132.35 |
| 8 | od334659/2020_2021 Supply, conveyance, installation, testing and commissioning of ceiling fans of the following sizes using standard accessories excluding resistance type regulator, wiring the down rod with 16/0.20mm PVC insulated and PVC sheathed 650/1100V grade 3 core round copper conductor flex wire or with extended original wiring etc. as required.1200 mm sweep- 5 star rated Ceiling fan, complete with 300mm down rod, canopies, shackles and blades and resistance type regulator working on 230/240V single phase A/C | | | | | | |
| | od334659/2020_2021 | 3 | | | | | 3.000 |
| | Total Quantity | | | | | | 3.000 each |
| | Total Deducted Quantity | | | | | | 0.000 each |
| | Net Total Quantity | | | | | | 3.000 each |
| | Say 3.000 each @ Rs 1857.51 / each | | | | | | Rs 5572.53 |
| 9 | 1.31 Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. (For light plugs to be used in non residential buildings). | | | | | | |
| | 1.31 | 2 | | | | | 2.000 |
| | Total Quantity | | | | | | 2.000 each |
| | Total Deducted Quantity | | | | | | 0.000 each |
| | Net Total Quantity | | | | | | 2.000 each |
| | Say 2.000 each @ Rs 410.22 / each | | | | | | Rs 820.44 |
| 10 | 1.32 Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required. | | | | | | |
| | 1.32 | 1 | | | | | 1.000 |
| | Total Quantity | | | | | | 1.000 each |
| | Total Deducted Quantity | | | | | | 0.000 each |
| | Net Total Quantity | | | | | | 1.000 each |
| | Say 1.000 each @ Rs 532.10 / each | | | | | | Rs 532.10 |
| 11 | 90.14.11.17 | | | | | | |

| | | | | | | | |
|----|---|-----|--|--|--|--|--------------------|
| | MCCB Accessories Supply and fixing kastel interlock kit up to 250A. | | | | | | |
| | 90.14.11.17 | 2 | | | | | 2.000 |
| | Total Quantity | | | | | | 2.000 no |
| | Total Deducted Quantity | | | | | | 0.000 no |
| | Net Total Quantity | | | | | | 2.000 no |
| | Say 2.000 no @ Rs 3020.65 / no | | | | | | Rs 6041.30 |
| 12 | 90.6.5.21 Supply and drawing the following sizes of multi-core PVC insulated & FRLS PVC sheathed 650/1100 V grade copper conductor round flexible cables conforming to IS 694 part I 1960 in the existing surface / recess conduit as required including giving necessary connections of the following sizes.4 core 6.00 sq mm | | | | | | |
| | 90.6.5.21 | 200 | | | | | 200.000 |
| | Total Quantity | | | | | | 200.000 metre |
| | Total Deducted Quantity | | | | | | 0.000 metre |
| | Net Total Quantity | | | | | | 200.000 metre |
| | Say 200.000 metre @ Rs 253.11 / metre | | | | | | Rs 50622.00 |
| 13 | 90.12.7.41 Supply, laying and clamping of 1 no. PVC insulated and PVC sheathed armoured aluminium power cable, 1.1 KV grade of the following sizes using clamps noted along with the cables, spacing of clamps not exceeding 60cms, making good the damages, colour washing etc. as required.4 core 16 sq mm with factory made clamp | | | | | | |
| | 90.12.7.41 | 20 | | | | | 20.000 |
| | Total Quantity | | | | | | 20.000 metre |
| | Total Deducted Quantity | | | | | | 0.000 metre |
| | Net Total Quantity | | | | | | 20.000 metre |
| | Say 20.000 metre @ Rs 260.77 / metre | | | | | | Rs 5215.40 |
| 14 | 90.12.1.27 Supply & laying of one number PVC insulated and PVC sheathed armoured aluminium power cable of 1.1KV grade of the following sizes in ground including excavation of trench of size 35 x 75 cm, refilling the trench etc. as required but excluding sand cushioning and protective covering (in ordinary soil).3.5 core 25 sq mm | | | | | | |
| | 90.12.1.27 | 30 | | | | | 30.000 |
| | Total Quantity | | | | | | 30.000 metre |
| | Total Deducted Quantity | | | | | | 0.000 metre |
| | Net Total Quantity | | | | | | 30.000 metre |
| | Say 30.000 metre @ Rs 436.20 / metre | | | | | | Rs 13086.00 |

| | | | | | | | | |
|----|--|--------------------------------------|--|--|--|--|--------------------|--|
| 15 | 90.12.7.27 Supply, laying and clamping of 1 no. PVC insulated and PVC sheathed armoured aluminium power cable, 1.1 KV grade of the following sizes using clamps noted along with the cables, spacing of clamps not exceeding 60cms, making good the damages , colour washing etc. as required.3.5 core 25 sq mm with factory made clamp | | | | | | | |
| | 90.12.7.27 | 20 | | | | | 20.000 | |
| | | Total Quantity | | | | | 20.000 metre | |
| | | Total Deducted Quantity | | | | | 0.000 metre | |
| | | Net Total Quantity | | | | | 20.000 metre | |
| | | Say 20.000 metre @ Rs 302.77 / metre | | | | | Rs 6055.40 | |
| 16 | 90.16.1.4 Supply and drawing bare earthing conductors of the following sizes along with wiring/ cables and giving connection as required4.00 mm copper conductor (8 SWG) | | | | | | | |
| | 90.16.1.4 | 500 | | | | | 500.000 | |
| | | Total Quantity | | | | | 500.000 metre | |
| | | Total Deducted Quantity | | | | | 0.000 metre | |
| | | Net Total Quantity | | | | | 500.000 metre | |
| | | Say 500.000 metre @ Rs 87.35 / metre | | | | | Rs 43675.00 | |
| 17 | 90.16.3.9 Supply and clamping the following size of strips on surface of wall/ parapet/ existing cable tray using clamps fabricated from 20 X 3 mm GI flat duly painted or heavy duty GI spacer saddles spacing of clamps not exceeding 1 m, making good the damages, colour washing etc. as required (for horizontal run)25 x 3 mm copper strip | | | | | | | |
| | 90.16.3.9 | 2 | | | | | 2.000 | |
| | | Total Quantity | | | | | 2.000 metre | |
| | | Total Deducted Quantity | | | | | 0.000 metre | |
| | | Net Total Quantity | | | | | 2.000 metre | |
| | | Say 2.000 metre @ Rs 429.87 / metre | | | | | Rs 859.74 | |
| 18 | 9.1.1 Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.2 X 6 sq. mm (19mm) | | | | | | | |
| | 9.1.1 | 13 | | | | | 13.000 | |
| | | Total Quantity | | | | | 13.000 set | |
| | | Total Deducted Quantity | | | | | 0.000 set | |
| | | Net Total Quantity | | | | | 13.000 set | |
| | | Say 13.000 set @ Rs 205.76 / set | | | | | Rs 2674.88 | |

| | | | | | | | | |
|----|---|----|--|--|--|--|-------------------|--|
| 19 | 9.1.33 Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.4 X 16 sq. mm (28mm) | | | | | | | |
| | 9.1.33 | 4 | | | | | 4.000 | |
| | Total Quantity | | | | | | 4.000 set | |
| | Total Deducted Quantity | | | | | | 0.000 set | |
| | Net Total Quantity | | | | | | 4.000 set | |
| | Say 4.000 set @ Rs 334.20 / set | | | | | | Rs 1336.80 | |
| 20 | 9.1.20 Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.3 1/2X25 sq.mm (28mm) | | | | | | | |
| | 9.1.20 | 2 | | | | | 2.000 | |
| | Total Quantity | | | | | | 2.000 set | |
| | Total Deducted Quantity | | | | | | 0.000 set | |
| | Net Total Quantity | | | | | | 2.000 set | |
| | Say 2.000 set @ Rs 336.82 / set | | | | | | Rs 673.64 | |
| 21 | 9.2.17 Supplying and making outdoor end termination with cast resin compound including aluminium lugs and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.3 1/2 X 25 sq. mm | | | | | | | |
| | 9.2.17 | 1 | | | | | 1.000 | |
| | Total Quantity | | | | | | 1.000 each | |
| | Total Deducted Quantity | | | | | | 0.000 each | |
| | Net Total Quantity | | | | | | 1.000 each | |
| | Say 1.000 each @ Rs 868.93 / each | | | | | | Rs 868.93 | |
| 22 | 2.10.1 Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.Single pole | | | | | | | |
| | 2.10.1 | 13 | | | | | 13.000 | |
| | Total Quantity | | | | | | 13.000 each | |
| | Total Deducted Quantity | | | | | | 0.000 each | |
| | Net Total Quantity | | | | | | 13.000 each | |
| | Say 13.000 each @ Rs 226.73 / each | | | | | | Rs 2947.49 | |

| | | | | | | | | |
|----|---|----|--|--|--|--|------------------------------------|--------------------|
| 23 | 90.11.1.10 Supply and installation of sheet steel, phosphatised and painted, dust and vermin proof enclosure of MCB DB including copper /brass bus bar, neutral link, earth bus and DIN rail suitable for fixing MCB/ isolator etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting hole on the wall , making good the damages, colour washing etc. as required 4 way (8+12) - three phase double cover (IP 42/43) | | | | | | | |
| | 90.11.1.10 | 1 | | | | | 1.000 | |
| | | | | | | | Total Quantity | 1.000 each |
| | | | | | | | Total Deducted Quantity | 0.000 each |
| | | | | | | | Net Total Quantity | 1.000 each |
| | | | | | | | Say 1.000 each @ Rs 2759.17 / each | Rs 2759.17 |
| 24 | od336173/2020_2021 Supplying and fixing following rating, four pole, (three phase and neutral), 415 V, RCBO having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.63A | | | | | | | |
| | od336173/2020_2021 | 1 | | | | | 1.000 | |
| | | | | | | | Total Quantity | 1.000 each |
| | | | | | | | Total Deducted Quantity | 0.000 each |
| | | | | | | | Net Total Quantity | 1.000 each |
| | | | | | | | Say 1.000 each @ Rs 5541.30 / each | Rs 5541.30 |
| 25 | 90.14.1.2 Fabrication, supply, conveyance, installation testing and commissioning of floor or wall mounting, dust and vermin proof, cubicle type MV panel board comprising of the following components/ devices & complying to IS 8623. Fabrication of fully partitioned, dust and vermin proof enclosure for panel assembly as per form 4 of IS 8623 (with latest amendments) using CRCA sheet as per approved design and requirement, with front and rear access facility, bus bar chambers, hinged doors for all switch gear compartments, earthing the doors using 4 sq mm braided copper conductor, providing necessary cut-outs for mounting meters, relays, indication lamps, bus bar interconnection etc, detachable covers for bus bar chamber and cable alley, powder coating the assembly after subjecting to 7 tank process etc as required. CRCA sheet alone be used for the fabrication. Angles/ flats/ slotted angles etc shall not be used for the fabrication of panel assembly. The measurements will be taken the area of the complete sheets used for panel board including partitions, folding, shrouding etc. Supply and fabrication of MV panel board using 1.6mm CRCA sheet, powder coated (excluding base frame) | | | | | | | |
| | 90.14.1.2 | 10 | | | | | 10.000 | |
| | | | | | | | Total Quantity | 10.000 sqm |
| | | | | | | | Total Deducted Quantity | 0.000 sqm |
| | | | | | | | Net Total Quantity | 10.000 sqm |
| | | | | | | | Say 10.000 sqm @ Rs 2377.26 / sqm | Rs 23772.60 |
| 26 | 90.14.2.2 | | | | | | | |

| | | | | | | | | |
|----|--|------|--|--|--|--|-------------------|--|
| | Supply and providing 3mm SMC sheet as shrouding for bus interconnection / terminations etc. including required nut & bolt etc. | | | | | | | |
| | 90.14.2.2 | 0.5 | | | | | 0.500 | |
| | Total Quantity | | | | | | 0.500 sqm | |
| | Total Deducted Quantity | | | | | | 0.000 sqm | |
| | Net Total Quantity | | | | | | 0.500 sqm | |
| | Say 0.500 sqm @ Rs 3932.69 / sqm | | | | | | Rs 1966.35 | |
| 27 | 90.14.3.2 Supply and providing heavy duty 'A' section neoprene gasket in the panel boardU' section rubber beeding suitable for 1.60/ 2.00 mm sheet | | | | | | | |
| | 90.14.3.2 | 30 | | | | | 30.000 | |
| | Total Quantity | | | | | | 30.000 metre | |
| | Total Deducted Quantity | | | | | | 0.000 metre | |
| | Net Total Quantity | | | | | | 30.000 metre | |
| | Say 30.000 metre @ Rs 7.31 / metre | | | | | | Rs 219.30 | |
| 28 | 90.14.4 Supply and fabrication conveyance and installation of base frame of panel board using 75 x 40 mm rolled steel channel (ISMC) | | | | | | | |
| | 90.14.4 | 3.6 | | | | | 3.600 | |
| | Total Quantity | | | | | | 3.600 metre | |
| | Total Deducted Quantity | | | | | | 0.000 metre | |
| | Net Total Quantity | | | | | | 3.600 metre | |
| | Say 3.600 metre @ Rs 953.58 / metre | | | | | | Rs 3432.89 | |
| 29 | 90.14.6 Supply and providing copper bus bars including finger type SMC bus bar supports in the bus chamber, suitable size nut & bolt, providing heat shrink sleeves etc. as required. | | | | | | | |
| | 90.14.6 | 1500 | | | | | 1500.000 | |
| | Total Quantity | | | | | | 1500.000 Cum cm | |
| | Total Deducted Quantity | | | | | | 0.000 Cum cm | |
| | Net Total Quantity | | | | | | 1500.000 Cum cm | |
| | Say 1500.000 Cum cm @ Rs 6.00 / Cum cm | | | | | | Rs 9000.00 | |
| 30 | 90.14.7 Supply and providing copper earth bus in the panel board | | | | | | | |
| | 90.14.7 | 600 | | | | | 600.000 | |
| | Total Quantity | | | | | | 600.000 Cum cm | |

| | | | | | | | |
|----|-------------|---|--|--|--|---------------------------------------|--------------------|
| | | | | | | Total Deducted Quantity | 0.000 Cum cm |
| | | | | | | Net Total Quantity | 600.000 Cum cm |
| | | | | | | Say 600.000 Cum cm @ Rs 6.00 / Cum cm | Rs 3600.00 |
| 31 | 90.14.10.4 | Supply, conveyance and fixing the following types & current rated control gears & switchgears conforming to IS 13947 suitable for 440 V, 50 Hz, AC supply in the existing panel assembly as required.16 A-100A, 25/35 kA (Ics=100%Icu), 4 pole, current limiting type MCCB having thermal setting range of 80 - 100% with thermal magnetic release having adjustable OL | | | | | |
| | 90.14.10.4 | 2 | | | | | 2.000 |
| | | | | | | Total Quantity | 2.000 no |
| | | | | | | Total Deducted Quantity | 0.000 no |
| | | | | | | Net Total Quantity | 2.000 no |
| | | | | | | Say 2.000 no @ Rs 7676.50 / no | Rs 15353.00 |
| 32 | 90.14.11.1 | MCCB AccessoriesSupply and fixing one number earth fault Relay up to 100A with CBCT. | | | | | |
| | 90.14.11.1 | 1 | | | | | 1.000 |
| | | | | | | Total Quantity | 1.000 no |
| | | | | | | Total Deducted Quantity | 0.000 no |
| | | | | | | Net Total Quantity | 1.000 no |
| | | | | | | Say 1.000 no @ Rs 3158.52 / no | Rs 3158.52 |
| 33 | 90.14.11.13 | MCCB AccessoriesSupply and fixing rotary handle, External type (including BUC handle with door interlock) in the existing MCCB of rating up to 250 A | | | | | |
| | 90.14.11.13 | 2 | | | | | 2.000 |
| | | | | | | Total Quantity | 2.000 no |
| | | | | | | Total Deducted Quantity | 0.000 no |
| | | | | | | Net Total Quantity | 2.000 no |
| | | | | | | Say 2.000 no @ Rs 1855.20 / no | Rs 3710.40 |
| 34 | 2.1.1 | Providing and fixing following capacity TP&N disconnecter fuse switch unit inside the existing panel board with ISI marked HRC fuses including drilling holes in cubicle panel, making connections, etc. as required.32 Amp TP & N | | | | | |
| | 2.1.1 | 6 | | | | | 6.000 |
| | | | | | | Total Quantity | 6.000 each |
| | | | | | | Total Deducted Quantity | 0.000 each |
| | | | | | | Net Total Quantity | 6.000 each |

| | | | | | | | | |
|----|--|----|--|--|--|--|--------------------|--|
| | Say 6.000 each @ Rs 1956.73 / each | | | | | | Rs 11740.38 | |
| 35 | od336041/2020_2021 Supply and fixing 200/ 5 A, 15 VA, cast resin metering CT of accuracy class 1 as required. | | | | | | | |
| | od336041/2020_2021 | 6 | | | | | 6.000 | |
| | Total Quantity | | | | | | 6.000 each | |
| | Total Deducted Quantity | | | | | | 0.000 each | |
| | Net Total Quantity | | | | | | 6.000 each | |
| | Say 6.000 each @ Rs 1140.99 / each | | | | | | Rs 6845.94 | |
| 36 | od336248/2020_2021 Supply and fixing digital multifunction meter to read V,A,F&PF- 3phase accuracy class-1 LED on existing panel board and giving connection | | | | | | | |
| | od336248/2020_2021 | 2 | | | | | 2.000 | |
| | Total Quantity | | | | | | 2.000 each | |
| | Total Deducted Quantity | | | | | | 0.000 each | |
| | Net Total Quantity | | | | | | 2.000 each | |
| | Say 2.000 each @ Rs 2374.75 / each | | | | | | Rs 4749.50 | |
| 37 | od336257/2020_2021 Supply and fixing 20A HRC fuse base with fuse link on existing panel board | | | | | | | |
| | od336257/2020_2021 | 6 | | | | | 6.000 | |
| | Total Quantity | | | | | | 6.000 each | |
| | Total Deducted Quantity | | | | | | 0.000 each | |
| | Net Total Quantity | | | | | | 6.000 each | |
| | Say 6.000 each @ Rs 157.55 / each | | | | | | Rs 945.30 | |
| 38 | od336259/2020_2021 Supply and fixing Red, Green, Black, Yellow, Orange colours LED indicator, AC/DC, 22.5 mm cut out dia | | | | | | | |
| | od336259/2020_2021 | 6 | | | | | 6.000 | |
| | Total Quantity | | | | | | 6.000 each | |
| | Total Deducted Quantity | | | | | | 0.000 each | |
| | Net Total Quantity | | | | | | 6.000 each | |
| | Say 6.000 each @ Rs 125.24 / each | | | | | | Rs 751.44 | |
| 39 | 90.12.9.3 Supplying, laying and jointing of the following sizes of double wall corrugated (DWC) pipes made out of HDPE conforming to IS 14930 Part II for mechanical protection to underground power cables with all required accessories in ground in the existing trench 63/50 mm or nearest size | | | | | | | |
| | 90.12.9.3 | 85 | | | | | 85.000 | |

| | | | | | | | | |
|----|--------------------|---|--|--|--|--|--------------------------------------|---------------------|
| | | | | | | | Total Quantity | 85.000 metre |
| | | | | | | | Total Deducted Quantity | 0.000 metre |
| | | | | | | | Net Total Quantity | 85.000 metre |
| | | | | | | | Say 85.000 metre @ Rs 151.62 / metre | Rs 12887.70 |
| 40 | 5.4 | Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required. | | | | | | |
| | 5.4 | 3 | | | | | 3.000 | |
| | | | | | | | Total Quantity | 3.000 set |
| | | | | | | | Total Deducted Quantity | 0.000 set |
| | | | | | | | Net Total Quantity | 3.000 set |
| | | | | | | | Say 3.000 set @ Rs 5670.97 / set | Rs 17012.91 |
| 41 | 5.13 | Providing and laying earth connection from earth electrode with 4.00 mm dia copper wire in 15mm dia G.I. pipe from earth electrode including connection with copper thimble excavation and re-filling as required. | | | | | | |
| | 5.13 | 30 | | | | | 30.000 | |
| | | | | | | | Total Quantity | 30.000 metre |
| | | | | | | | Total Deducted Quantity | 0.000 metre |
| | | | | | | | Net Total Quantity | 30.000 metre |
| | | | | | | | Say 30.000 metre @ Rs 238.53 / metre | Rs 7155.90 |
| 42 | od336296/2020_2021 | Supply, conveyance, installation, testing and commissioning of 25 KVA Diesel Generator Set with Accoustic Enclosure as per CPCB norms & specification with standard Control Panel (Kierloskar). The alternator should confirm to BS 500/ IS 4722 operation and service manual spares and tools etc. shall be provided. Base frame - Sturdy, fabricated, welded construction channel iron base frame of suitable size for mounting the above diesel engine and alternator On anti vibration mounting pad, dunlop & series - 8nos. Fuel tank - Suitable size fitted (built in type) inside the Accoustic enclosure. Battery - Suitable capacity fully charged battery with lead and terminals as required with automatic Battery Charger. | | | | | | |
| | od336296/2020_2021 | 1 | | | | | 1.000 | |
| | | | | | | | Total Quantity | 1.000 set |
| | | | | | | | Total Deducted Quantity | 0.000 set |
| | | | | | | | Net Total Quantity | 1.000 set |
| | | | | | | | Say 1.000 set @ Rs 348450.00 / set | Rs 348450.00 |
| 43 | od336339/2020_2021 | | | | | | | |

| | | | | | | | |
|--|----|--|--|--|--|----------------------|--|
| SITC of Solar LED lighting System with following accessories. (a) All in one Solar LED CSADHMP40 CDL, 40W LED Crompton make / Equilant having 60W solar module Wp with 27 Ah battery having 6800lumens having dimenssions(Approx) 955 X 630 X 55 (LWH) haing approximate weight of 19Kg (Details attached separately) suitable to fit on tubular pole. (b) Pole :- 3.5/4 Mtr. long (clear height - 210kg) armless pole of cast iron with bottom dia.200mm with base plate and top dia. 100mm, foundation bolt etc. complete fixed on exisisting cement concrete foundation etc. as per the directions of engineer at site as required including 3 year AMC complete. | | | | | | | |
| od336339/2020_2021 | 13 | | | | | 13.000 | |
| Total Quantity | | | | | | 13.000 each | |
| Total Deducted Quantity | | | | | | 0.000 each | |
| Net Total Quantity | | | | | | 13.000 each | |
| Say 13.000 each @ Rs 99300.00 / each | | | | | | Rs 1290900.00 | |
| Provision for GST payments (in %) @ | | | | | | 12.0% | |
| Amount reserved for GST payments | | | | | | 28628789.73 | |
| Total | | | | | | 267202037.73 | |
| Lumpsum for round off | | | | | | 962.27 | |
| TOTAL Rs 267203000.00 | | | | | | | |
| Rounded Total Rs 26,72,03,000 | | | | | | | |
| Rupees Twenty Six Crore Seventy Two Lakh Three Thousand Only | | | | | | | |

(Cost Index Applied for this estimate is 31.06%)

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