Recap sheet

Based On E SSR 22-23

| PARTICULARS | Cap. | Unit | | AMOUNT | 600 Cost per MT | |
|--|------------|------|----|---------|-----------------------|----------------|
| Sub Work :-I Const. of 600 MT WH Bldg. | 600 | MT | Rs | 6625505 | 11043 | Cost per MT |
| Sub Work II :- Electification | | 1.0% | Rs | 66255 | | |
| Sub Work III :- Royalty Charges | | | Rs | 105325 | | |
| Sub work IV:- Material Lab Testing charges | | | Rs | 37310 | | |
| | TOTAL COST | | | 6834395 | 11391 | Cost per MT |
| | Sa | ıy | | 6840000 | | |

ABSTRACT SHEET

| | Sub Work :- I Const. of 600 MT WH | | | | | | | | | | | | | |
|----|--|--------|------|-----------|------------|---------|--------|------|-------|---------|----------|-------------|----------|-----------|
| I. | DESCRIPTON OF ITEM | QTY. | UNIT | I.N./ P.N | BASIC RATE | LEAD CH | | | TOTAL | Add 0 % | TOTAL OF | | TOTAL OF | AMOUNT |
| _ | | | | | | SAND | METAL | R.A. | | C Area | RATES | FOR | RATES | |
| | | | | | | НМ | Bricks | | | Charges | 6 TO 11 | CHARGE S | 6 TO 14 | |
| | | | | | | | | | | 0.000 | | 0.0000 | | |
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 1 | Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5 m.) By Mechanical Means | 123.62 | Cum | 21.02/189 | 207.00 | | | | | | 207.00 | | 207.00 | 25,589.34 |
| 2 | Excavation for foundation in earth, soils of all types, sand,gravel and soft murum, including removing the excavated material upto a distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift from 1.5m to 3.0m) By Mechanical Means | 1.00 | Cum | 21.04/189 | 258.00 | | | | | | 258.00 | | 258.00 | 258.00 |
| 3 | Excavation for foundation in hard murum including removing the excavated material upto distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.50 m) By Mechanical Means | 46.37 | Cum | 21.06/190 | 227.00 | | | | | | 227.00 | | 227.00 | 10,525.54 |
| 4 | Excavation for foundation in Hard murum including removing the excavated material upto a distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift from 1.5 to 3.0m.) By Mechanical Means | 25.76 | Cum | 21.08/154 | 284.00 | | | | | | 284.00 | | 284.00 | 7,315.84 |

| I. | DESCRIPTON OF ITEM | QTY. | UNIT | I.N./ P.N | BASIC RATE | LEAD CH | IARGES | TS & | TOTAL | Add 0 % | TOTAL OF | ADD % | TOTAL OF | AMOUNT |
|----|---|------|------|-----------|------------|---------|--------|------|-------|---------|----------|-------------|----------|--------|
| | | | | | | SAND | METAL | R.A. | | C Area | RATES | FOR | RATES | |
| | | | | | | НМ | Bricks | | | Charges | 6 TO 11 | CHARGE S | 6 TO 14 | |
| | | | | | | | | | | 0.000 | | 0.0000 | | |
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 5 | Excavation for foundation in hard murum and boulders including removing the excavated material up to a distance 50 metres, beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5m.) By Mechanical Mean | 1.00 | Cum | 21.10/154 | 252.00 | | | | | | 252.00 | | 252.00 | 252.00 |
| 6 | Excavation for foundation in Hard murum and boulders including removing the excavated material upto a distance of 50 metres, beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift from 1.5 m to 3.0 m.) By Mechanical Means | 1.00 | Cum | 21.12/154 | 312.00 | | | | | | 312.00 | | 312.00 | 312.00 |
| 7 | Excavation for roadway in earth, soil of all sorts, sand, gravel or soft murum including dressing section to the required grade, camber and side slopes and conveying the excavated materials with all lifts upto a lead of 50m. and spreading for embankment or stacking as directed. | 1.00 | Cum | 2.11/23 | 119.00 | | | | | | 119.00 | | 119.00 | 119.00 |
| 8 | Excavation for roadway in hard murum and boulder including dressing section to the required grade, camber and side slopes and conveying the excavated materials with all lifts upto a lead of 50m.and spreading for embankment or stacking as directed. | 1.00 | Cum | 2.13/24 | 139.00 | | | | | | 139.00 | | 139.00 | 139.00 |

| I. | DESCRIPTON OF ITEM | QTY. | UNIT | I.N./ P.N | BASIC RATE | LEAD CH | IARGES | TS & | TOTAL | Add 0 % | TOTAL OF | ADD % | TOTAL OF | AMOUNT |
|----|---|-------|------|-----------|------------|---------|--------|------|-------|----------|-----------|-------------|-----------|--------------|
| | | | | | | SAND | METAL | R.A. | | C Area | RATES | FOR | RATES | |
| | | | | | | НМ | Bricks | | | Charges | 6 TO 11 | CHARGE S | 6 TO 14 | |
| | | | | | | | | | | 0.000 | | 0.0000 | | |
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 9 | Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, Steel centering, formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing if required and curing complete, with fully automatic micro processor based PLC without SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade) | 48.93 | Cum | 24.01/175 | 5,830.00 | | | | | (126.00) | 5,704.00 | | 5,704.00 | 279,106.76 |
| 1 | Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in foundations and plinth of inner walls/ in plinth external walls including bailing out water manually, striking joints on unexposed faces, raking out joints on exposed faces and watering etc. Complete. | 23.15 | Cum | 27.01/197 | 7,755.00 | | | | | | 7,755.00 | | 7,755.00 | 179,547.64 |
| 13 | Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, 2 chajjas, lintels pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules. including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete | 13.52 | МТ | 26.33/188 | 89,703.00 | | | | | | 89,703.00 | | 89,703.00 | 1,213,193.17 |

| I. | DESCRIPTON OF ITEM | QTY. | UNIT | I.N./ P.N | BASIC RATE | LEAD CH | IARGES | TS & | TOTAL | Add 0 % | TOTAL OF | ADD % | TOTAL OF | AMOUNT |
|----|---|-------|------|-----------|------------|---------|--------|------|-------|----------|-----------|-------------|-----------|------------|
| | | | | | | SAND | METAL | R.A. | | C Area | RATES | | RATES | |
| | | | | | | HM | Bricks | | | Charges | 6 TO 11 | CHARGE S | 6 TO 14 | |
| | | | | | | | | | | 0.000 | | 0.0000 | | |
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 13 | Providing and laying in situ /Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. work in foundations like raft, strip foundations, grillage and footings of R.C.C. columns and steel stanchions etc. including bailing out water, Steel centering formwork, laying/pumping cover blocks, compaction and curing roughening the surface if special finish is to be provided (Excluding reinforcement and structural steel) etc. complete, with fully automatic micro processor based PLC with out SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade) | 35 | Cum | 25.11/178 | 7,104.00 | | | | | (126.00) | 6,978.00 | | 6,978.00 | 242,080.78 |
| 14 | Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawing or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete,(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with Out SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade) | 10.76 | Cum | 25.31/179 | 13,783.00 | | | | | (126.00) | 13,657.00 | | 13,657.00 | 146,987.01 |

| I. | DESCRIPTON OF ITEM | QTY. | UNIT | I.N./ P.N | BASIC RATE | LEAD CI | HARGES | TS & | TOTAL | Add 0 % | TOTAL OF | ADD % | TOTAL OF | AMOUNT |
|----|---|-------|------|-----------|------------|---------|--------|------|-------|----------|-----------|--------|-----------|------------|
| | | | | | | SAND | METAL | R.A. | | C Area | RATES | | RATES | |
| | | | | | | HM | Bricks | | | Charges | 6 TO 11 | CHARGE | 6 TO 14 | |
| | | | | | | | | | | | | S | | |
| | 2 | 3 | 4 | 5 | | 7 | 0 | 10 | 11 | 0.000 | 12 | 0.0000 | 15 | 16 |
| 15 | Providing and laying Cast in situ/Ready | 3 | 4 | 5 | 6 | | 8 | 10 | 11 | 12 | 13 | 14 | 15 | 10 |
| | Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compactionand roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel), with fully automatic micro processor based PLC without SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade | 46.01 | Cum | 25.50/181 | 12,269.00 | | | | | (126.00) | 12,143.00 | | 12,143.00 | 558,738.35 |
| 16 | Providing and laying Cast in situ/Ready Mixcement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including steel centering, formwork, cover blocks, laying/pumping, compacting and roughening the surface if special finish is to be provided and curing complete. (Excluding reinforcement and structural steel). with fully automatic micro processor based PLC without SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade) | 1.25 | Cum | 25.70/182 | 13,932.00 | | | | | (126.00) | 13,806.00 | | 13,806.00 | 17,229.89 |
| 17 | Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement | 3.89 | Cum | 25.70/182 | 13,932.00 | | | | | (126.00) | 13,806.00 | | 13,806.00 | 53,677.73 |
| 18 | Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in super structure including striking joints,raking out joints,watering and scaffolding etc.Complete | 35.90 | Cum | 24.16/177 | 6,359.00 | | | | | | 6,359.00 | | 6,359.00 | 228,308.77 |

| I. | DESCRIPTON OF ITEM | QTY. | UNIT | I.N./ P.N | BASIC RATE | LEAD CI | | | TOTAL | Add 0 % | TOTAL OF | | TOTAL OF | AMOUNT |
|----|--|--------|------|-------------------------|------------|---------|--------|------|-------|---------|----------|-------------|----------|------------|
| _ | | | | | | SAND | METAL | R.A. | | C Area | RATES | | RATES | |
| | | | | | | HM | Bricks | | | Charges | 6 TO 11 | CHARGE S | 6 TO 14 | |
| _ | | | | | | | | | | 0.000 | | 0.0000 | | |
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 19 | Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1Kilogramper cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc.complete. | 319.94 | Sqm | 32.11/209 | 639.00 | | | | | | 639.00 | | 639.00 | 204,439.10 |
| | Providing internal cement plaster 12 mm thick in Single coats in cement mortar 1:4 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc.complete. | 231.10 | Sqm | 32.04/209 | 278.00 | | | | | | 278.00 | | 278.00 | 64,244.41 |
| 21 | Providing internal cement plaster 20mm thick in Single coats in cement mortar 1:4 with cement finish, to concrete, brick surface, in all positions including scaffolding and curing etc.complete. | 66.51 | Sqm | 32.04/209 /32.21/210 | 350.00 | | | | | | 350.00 | | 350.00 | 23,278.50 |
| 22 | Providing and applying white-wash in two coats on old / new plastered or masonry surfaces and asbestos cement sheets including scaffolding and preparing the surface by brushing and brooming down etc. complete. | | Sqm | 36.03/227 | 12.00 | | | | | | 12.00 | | 12.00 | 3,060.17 |
| 23 | Providing and applying two coats of exterior acraylic emulsion paint confirming to corresponding I.S. of approved manufacture and of approved colour to the plastered surfaces including cleaning ,preparing the plaster surface, applying primer coat ,scaffolding if necessary , and watering the surface for two days etc complete. | 272.00 | Sqm | 35.25/225 | 261.00 | | | | | | 261.00 | | 261.00 | 70,992.00 |
| 24 | Providing and applying two coats (exterior quality) of flat oil paint of approved colour and shade to the plastered surface in buildings and workshops including scaffolding if necessary, cleaning the surface and preparing surface etc. complete. (excluding primer coat) | 12.00 | Sqm | 35.11/224 | 88.00 | | | | | | 88.00 | | 88.00 | 1,056.00 |

| I. | DESCRIPTON OF ITEM | QTY. | UNIT | I.N./ P.N | BASIC RATE | LEAD CH | | TS & | TOTAL | Add 0 % | | | TOTAL OF | AMOUNT |
|----|--|--------|------|-----------|------------|---------|--------|------|-------|---------|----------|-------------|----------|------------|
| | | | | | | SAND | METAL | R.A. | | C Area | RATES | FOR | RATES | |
| | | | | | | HM | Bricks | | | Charges | 6 TO 11 | CHARGE S | 6 TO 14 | |
| | | | | | | | | | | 0.000 | | 0.0000 | | |
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 25 | Providing and fixing rolling shutter fabricated from steel laths of minimum thickness 0.9 mm with lock plate of 3.15 mm thickness reinforced with 35 x 35 x 5 mm angle section fitted with sliding bolts and handles for both sides, deep M.S. channel section of depth and thickness not less than 65 mm and 3.15 mm respectively with hold fast arrangements, M.S. Bracket plate 300 x 300 x 3.15 mm minimum size and shape with square bar, suspension shaft of minimum 32 mm diameter, hood cover of M.S. sheet not less than 0.9 mm thickness and of any size at top and safety devices including mechanical gear operation arrangement consisting of worm gear wheels and worms of high grade cast iron or mild steel and one coat of red lead primer etc. complete. (I.S. 62481979) (Without mechanical gear) | 10.71 | Sqm | 39.24/248 | 4,829.00 | | | | | | 4,829.00 | | 4,829.00 | 51,718.59 |
| 26 | Providing and fixing mildsteel grill work for windows,ventilatorsetc. 20Kilogram/Square Metre as per drawing including fixtures,necessary welding and painting with one coat s of anticorrosive paint and two coats of oil painting complete. | 23.76 | Sqm | 40.01/264 | 2,097.00 | | | | | | 2,097.00 | | 2,097.00 | 49,824.72 |
| 27 | Filling in plinth with approved excavated stuff obtained from departmental land including watering, compacting etc. complete as | 66.22 | Cum | 21.36/157 | 120.00 | | | | | | 120.00 | | 120.00 | 7,946.82 |
| 28 | Providing Hard Murum cohesive non-swelling materials in plinth in layers of 20 cms etc. complete as directed. [Only compacted thickness is payable][Rd.23/202 & Rd.28/205]. | 281.45 | Cum | RA | 568.00 | | | | | | 568.00 | | 568.00 | 159,863.58 |
| 29 | Compacting the Hard Murum, cohesive non swelling materials in plinth upto 200 mm loose with power roller 8 to 10 tonee capacity including artificial watering etc. complete as | 662.24 | Sqm | 2.31/25 | 21.00 | | | | | | 21.00 | | 21.00 | 13,906.94 |

| I. | DESCRIPTON OF ITEM | QTY. | UNIT | I.N./ P.N | BASIC RATE | LEAD CH | IARGES | TS & | TOTAL | Add 0 % | TOTAL OF | ADD % | TOTAL OF | AMOUNT |
|----|---|--------|------|-----------|------------|---------|--------|------|-------|----------|------------|-------------|------------|------------|
| | | | | | | SAND | METAL | R.A. | | C Area | RATES | FOR | RATES | |
| | | | | | | HM | Bricks | | | Charges | 6 TO 11 | CHARGE S | 6 TO 14 | |
| | | | | | | | | | | 0.000 | | 0.0000 | | |
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 30 | Providing & laying stone metal layer of 20 cm thickness with 60 mm over size metal 65% and 40 mm size metal 35% with sand or stone chips spreading & leveling handpacking complete.[Rd.22/201,Rd.20/200 &Rd.20/205] | 90.61 | Cum | RA | 1,196.00 | | | | | | 1,196.00 | | 1,196.00 | 108,370.18 |
| 3 | Compacting oversize & size metal layers combindaly with power roler not less than 8 tonnes including artificial watering & leveling etc. complete as directed (Rd.35/209) | 331.12 | Sqm | MR | 805.00 | | | | | | 805.00 | | 805.00 | 266,549.67 |
| 32 | Providing and laying in situ cement concrete M20 with tremix treatment for 100 mm thickness for flooring with groove cutting of 4mm wide and 20mm deep with necessary refilling with bitumen and including vaccum dewatering etc. complete. | 331.12 | Sqm | 33.30/216 | 796.00 | | | | | (126.00) | 670.00 | | 670.00 | 221,848.79 |
| 33 | Providing treatment of TREMIX vaccum dewatering over prelaid cement concrete 1:2:4 surface including fixing of M.S.Channel formwork as per required size and placing of dowel rod, vibrating the concrete by needle vibrator and leveling by | 331.12 | Sqm | R A | 50.00 | | | | | | 50.00 | | 50.00 | 16,555.88 |
| 34 | Providing & fixing ISMC 150 with weight @ 16.80 Kgs/Rmt 20 mm dia & 0.50 m long bolts & nuts @ 1.00 mc/c, M.S. angles for stands of fire bucket including chain fixing in wall applying three coats of oilpaint etc. compl | 0.65 | МТ | 23.01/173 | 101,844.00 | | | | | | 101,844.00 | | 101,844.00 | 66,434.88 |
| 35 | Providing & Fixing in position M.S. ladder of 45 cms width made out 50 x 50 x 6 mm two angles for rails and M.S. angle stiffeners at three places as directed with M.S. round bars of 20 mm dia for steps @ every 30 cm c/c including fixing | 8.00 | RMT | RA | 805.00 | | | | | | 805.00 | | 805.00 | 6,440.00 |

| I. | DESCRIPTON OF ITEM | QTY. | UNIT | I.N./ P.N | BASIC RATE | LEAD CH | IARGES | TS & | TOTAL | Add 0 % | TOTAL OF | ADD % | TOTAL OF | AMOUNT |
|----|--|-------|------|-----------|------------|---------|--------|------|-------|---------|-----------|-------------|-----------|-----------|
| | | | | | | SAND | METAL | R.A. | | C Area | RATES | | RATES | |
| | | | | | | HM | Bricks | | | Charges | 6 TO 11 | CHARGE S | 6 TO 14 | |
| | | | | | | | | | | 0.000 | | 0.0000 | | |
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 36 | sizeouxouxu.scms with cadmiumpi at ed nut bolt sto fixe arthing strip burried inspecially prepared earth pits1.5metre below ground level with 40 Kilogram charcoal and salt with altemate layers of charcoal and salt and G.I.pipe 40 mm dia2meter length burried inearthe up to earthling plateremining portion above ground level forwatering and refillingc omcpete Note-Copper strip fropmlightening conductor is not considered in this item. | 1.00 | Nos | 44.18/295 | 25,784.00 | | | | | | 25,784.00 | | 25,784.00 | 25,784.00 |
| 37 | Conveying the materials obtained from excavation including all lifts, laying in layers, breaking clods, dressing to the required lines, curves, grades and section for a lead over 50m to 300m from the site of excavation to the site of dep | 5.00 | Cum | 2.25/24 | 195.00 | | | | | | 195.00 | | 195.00 | 975.00 |
| 38 | Providing pre-constructional Anti-termite treatment as per I.S. 6313 (Part-II) - 1973 by treating the top surface of plinth filling at the rate of 5 litres of emulsion concentrates of 0.5 percent of Hephoclore per square meter of surface | 1.00 | sq m | 21.24/156 | 108.00 | | | | | | 108.00 | | 108.00 | 108.00 |
| 39 | Providing and fixing in position powder coated aluminium louvered windows / ventilator of various sizes with powder coating as per detailed drawing and specifications including aluminium frames 80 x 38 mm x 1.22 mm box type, 5 mm thick sheet glass louvers, of approved quality etc. complete. | 23.80 | sq m | 39.68/259 | 3,467.00 | | | | | | 3,467.00 | | 3,467.00 | 82,514.60 |

| I. | DESCRIPTON OF ITEM | QTY. | UNIT | I.N./ P.N | BASIC RATE | LEAD CH | IARGES | TS & | TOTAL | Add 0 % | TOTAL OF | ADD % | TOTAL OF | AMOUNT |
|----|---|--------|------|-----------|------------|---------|--------|------|-------|---------|----------|-------------|----------|--------------|
| | | | | | | SAND | METAL | R.A. | | C Area | RATES | FOR | RATES | |
| | | | | | | НМ | Bricks | | | Charges | 6 TO 11 | CHARGE S | 6 TO 14 | |
| | | | | | | | | | | 0.000 | | 0.0000 | | |
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| | PEB Structure | | | | | | | | | | | | | |
| 1 | Above Plinth PEB Structure - providing & errecting PEB structure with Zinccalume sheets etc.complete. | 332.00 | Sq.M | MR | 6,500.00 | | | | | | 6,500.00 | | 6,500.00 | 2,158,000.00 |
| 2 | Turbo ventilator 24" | 6.00 | Nos | 42 /529 | 9,702.00 | | | | | | 9,702.00 | | 9,702.00 | 58,212.00 |
| | TOTAL FOR W.H.BLDG | | | | | | | | | | | | | 6,625,504.63 |
| | | | | | | | | | | | | | | |

| | 600 MT W | | | | EMENT S | | | | | | - |
|---------------------------------|----------|-------|-------|-----|-------------|-------|---------|----------|--------|----------|----------|
| + | l | IVI | LL'AS | UKI | PRINTERNI S | ,11E | E1 | 1 | | | 1 |
| CADACITY | 600 | MT | | | SIZ | TE. | | <u> </u> | | | |
| CAPACITY LONG WALLS2 | 600 | IVI I | 1 | 37 | 22.130 | | 15.740 | - | 240.22 | | |
| | OUTER | | 1 | X | | | | | 348.33 | | |
| SHORT WALLS2 | INNER | | 1 | X | 21.67 | X | 15.28 | _ | 331.12 | | |
| | | | | 1 | 1 | 1 | | | Av. | | |
| FOUNDATION DEPTHS | | | | | | | | | Depth | | |
| 1 EARTH SOIL 0 TO 1.50 | | | | | | | | _ | 1.00 | | |
| 2 EARTH SOIL 1.50 to 3.00 | | | | | | | | | 0.00 | | |
| 3 H.M. (0 to 1.50) | | | | | | | | | 0.60 | | |
| 4 H.M. (1.50 to 3.00) | | | | | | | | | 0.20 | | |
| H.M.& BOULDER 0 TO 1.50 | | | | | | | | | 0.00 | | |
| 6 H.M.& BOULDER 1.50 to 3.00 | | | | | | | | | 0.00 | | |
| 7 SOFT ROCK | | | | | | | | | 0.00 | | |
| HARD ROCK | | | | | | | | <u> </u> | 0.00 | | |
| | | | | | | | TOTAL | | 1.80 | | |
| CUTTING IN PLINTH | | | | | | | | | 0.15 | | |
| As per vision at site | | | | | | | | | | | |
| Ex. Column Footings | | | | | | | | | | | |
| Column C1,C4,C9,C12 | 2 | X | 2 | X | 2.80 | X | 2.30 | L | | | Ĺ |
| Column No.C2,C3,C10,C11 | 2 | X | 2 | X | 2.80 | X | 2.30 | | | | |
| Column No. C5,C6,C7,C8 | 2 | X | 2 | X | 2.80 | X | 2.30 | | | | |
| Column No. C17,C18,C19,C20 | 2 | X | 2 | X | 2.80 | X | 2.30 | | | | |
| Column Platform (CP) | 2 | X | 2 | X | 2.80 | X | 2.30 | | | | |
| C13,C14,C15,C16 | | | | | | | | | | | |
| Ex. Ground Beam PANEL | | | | | | | | | | | |
| Longwall | 2 | X | 3 | X | 7.20 | X | 0.70 | | | | |
| Gable wall | 2 | X | 3 | X | 5.05 | X | 0.70 | | | | |
| APRON long | 1 | X | 1 | X | 25.23 | X | 1.28 | | | | |
| APRON short | 1 | X | 1 | X | 17.74 | X | 1.28 | | | | |
| Column Nos. & Size | _ | | | | | | | | | | |
| Column C1,C4,C9,C12 | 2 | X | 2 | X | 0.48 | X | 0.60 | X | 3.00 | | |
| Column No.C2,C3,C10,C11 | 2 | X | 2 | X | 0.35 | X | 0.60 | X | 3.00 | | |
| Column No. C5,C6,C7,C8 | 2 | X | 2 | X | 0.32 | X | 0.53 | X | 3.00 | | |
| Column No. C17,C18,C19,C20 | 2 | X | 2 | X | 0.15 | X | 0.23 | X | 3.00 | | |
| Column Platform (CP) | 2 | X | 2 | X | 0.30 | X | 0.53 | X | 3.00 | | |
| PCC, Tarfelt, BBM, BEAMS PA | | 71 | | Λ | 0.50 | Λ | 0.55 | Λ | 3.00 | | |
| Longwall | 2 | X | 3 | X | 7.20 | X | 0.70 | | | | |
| Gable wall | 2 | X | 3 | X | 5.05 | X | 0.70 | | | | |
| | 1 | X | | X | | X | | 37 | 0.60 | | |
| PB 1 | - | - | | | | | | X | | | |
| PB2 | 1 | X | 1 | X | 5.00 | X | 0.30 | X | 0.60 | | |
| PB3 | 1 | X | 3 | X | 1.20 | X | 0.30 | X | 0.60 | | |
| - · · · | | | | | 2.1.2 | | | | 2.7- | | <u> </u> |
| Rolling shutters | 1 | X | 1 | X | 2.10 | - | | X | 2.55 | | _ |
| V1 | 2 | X | 8 | X | 0.60 | | | X | 0.60 | | |
| V2 | 2 | X | 15 | X | 1.00 | | | X | 0.60 | | |
| TK. OF C.C. FLOORING | | | | | 0.10 | | | <u> </u> | | | |
| Plat From | 1 | X | 1 | X | 7.20 | | | X | 1.80 | | |
| Turbo @ Roffing | 2 | X | 3 | | | | | | | | |
| | | | | | | | | | | | Ĺ |
| | | | | | | | | | | | |
| | 600 MT W | h.bu | ildin | g & | other And | cilla | ry work | | | | |
| | | | | | | | | | | | |
| Sub Work :-I Const. of 600MT W | H Bldg. | | | | | | | | | | |
| | 1 | M | EAS | URI | EMENT S | SHE | ET | | | | |
| Item Nos & Description of Items | N. | O.S | | | LENGT | | BREDTH | | DEPTH | TOTAL | 1 |
| rem ros & Description of Items | 1 | X | 2 | | LENGI | | DKEDIH | <u> </u> | HIGHT | QUANTITY | |
| | | | | | | | | | | | |

| | ľ | IO.S | 1 | | LENGT | 1 | BREDTH | <u> </u> | DEPTH | | TOTAL | - |
|---|---|---|--|---|--|---|---|--|--|---|--|----|
| | | <u> </u> | | L | | Ļ | | L | | <u> </u> | | _ |
| Excavation for foundation in earth | | | | | | | | | | | | Ct |
| excavated material up to a distan | | | | | - | | | _ | | _ | | |
| dewatering, preparing the bed for | | | | | - | | lling, rammir | ıg, v | vatering i | nclu | ding shoring | |
| and strutting etc. complete. (Lift t | ıpto 1.5 m. |) By | Mec | hani | cal Mean | .S | | | | | | |
| Column footing | l | 1 | ı — | | | | I | 1 | 1 | | ı | - |
| Column footing | 2 | 37 | _ | 37 | 2.00 | 37 | 2.20 | 37 | 1.00 | | 25.76 | - |
| Column C1,C4,C9,C12 | 2 | X | 2 | X | 2.80 | X | 2.30 | X | 1.00 | = | 25.76 | |
| Column No.C2,C3,C10,C11 | 2 | X | 2 | X | 2.80 | X | 2.30 | X | 1.00 | = | 25.76 | |
| Column No. C5,C6,C7,C8 | 2 | X | 2 | X | 2.80 | X | 2.30 | X | 1.00 | = | 25.76 | |
| Column No. C17,C18,C19,C20 | 2 | X | 2 | X | 2.80 | X | 2.30 | X | 0.00 | = | 0.00 | |
| Column Platform (CP) | 2 | X | 2 | X | 2.80 | X | 2.30 | X | 1.00 | = | 25.76 | |
| For Ground Beam PANEL | | | | | | | | | | | | |
| Longwall | 2 | X | 3 | X | 7.20 | X | 0.40 | X | 0.70 | = | 12.10 | |
| Gable wall | 2 | X | 3 | X | 5.05 | X | 0.40 | X | 0.70 | = | 8.48 | |
| | | | | | | | | | Total | | 123.62 | 1 |
| | | 1 | | | | - | | | say | | 123.62 | Cι |
| | | | | | | | | | say | | 123.02 | Ct |
| | '1 C | 11 . | | Щ. | 1 | | 6 | <u> </u> | 1. | L . | .1 | |
| Excavation for foundation in earth | | | | | | | | | | | | Cι |
| excavated material upto a dista | nce of 50 | met | res l | oeyo | nd the l | ouild | ling area ar | ıd | stacking | and | spreading as | |
| directed, dewatering, preparing the | e bed for t | he fo | undat | ion | and nece | ssar | v back filling | ra ra | mming | wate | ring | |
| including shoring and strutting | | | | | | | | | | | 11115 | |
| including shoring and strutting | etc. compi | cic. | (LIII | 1101 | 11 1.5111 | ιο | 3.0III) By W | iccii | anicai wi | cans | | |
| Column footing | | 1 | 1 | | | 1 | | | | | | - |
| Column C1,C4,C9,C12 | 2 | X | 2 | X | 2.80 | X | 2.30 | X | 0.00 | | 0.00 | +- |
| | | 4 | | | | _ | | | | = | | |
| Column No.C2,C3,C10,C11 | 2 | X | 2 | X | 2.80 | X | 2.30 | X | 0.00 | = | 0.00 | |
| Column No. C5,C6,C7,C8 | 2 | X | 2 | X | 2.80 | X | 2.30 | X | 0.00 | = | 0.00 | |
| Column No. C17,C18,C19,C20 | 2 | X | 2 | X | 2.80 | X | 2.30 | X | 0.00 | = | 0.00 | |
| Column Platform (CP) | 2 | X | 2 | X | 2.80 | X | 2.30 | X | 0.00 | = | 0.00 | |
| For Ground Beam PANEL | | | | | | | | | | | | |
| Longwall | 2 | X | 3 | X | 7.20 | X | 0.70 | X | 0.00 | = | 0.00 | |
| Gable wall | 2 | X | 3 | X | 5.05 | X | 0.70 | X | 0.00 | = | 0.00 | |
| Cable wan | _ | | | | | | | | | | | |
| | | | | | 2.02 | 71 | 0.70 | | | | | |
| | | | | | 5.00 | 7. | 0.70 | | | = | 0.00 | Cı |
| | | | | | | | | | say | = | 0.00 1.00 | +- |
| Excavation for foundation in hard | | | | | ing the e | excav | vated materia | l uj | say oto distan | = = ice o | 0.00 1.00 of 50 metres | +- |
| Excavation for foundation in hard beyond the building area and stace | | | | | ing the e | excav | vated materia | l uj | say oto distan | = = ice o | 0.00 1.00 of 50 metres | +- |
| | cking and s | pread | ing a | as di | ing the e | excav | vated materia | l uj | say oto distan | = = ce of | 0.00 1.00 of 50 metres the | +- |
| beyond the building area and stac | cking and s | pread | ing a | as di | ing the e | excav | vated materia | l uj | say oto distan | = = ce of | 0.00 1.00 of 50 metres the | +- |
| beyond the building area and stac foundation and necessary back fil | cking and s | pread | ing a | as di | ing the e | excav | vated materia | l uj | say oto distan | = = ce of | 0.00 1.00 of 50 metres the | +- |
| beyond the building area and stac foundation and necessary back fil 1.50 m) By Mechanical Means | cking and s | pread | ing a | as di | ing the e | excav | vated materia | l uj | say oto distan | = = ce of | 0.00 1.00 of 50 metres the | +- |
| beyond the building area and star foundation and necessary back fil 1.50 m) By Mechanical Means Column footing Column C1,C4,C9,C12 | cking and s | pread ng, v | ing a | as di ng i | ing the e rected, d ncluding | excav | vated materia tering, prepairing and stru 2.30 | l uj | say pto distan the bed g etc. cor | = cce of for templet | 0.00 1.00 of 50 metres the e. (Lift upto | +- |
| beyond the building area and star foundation and necessary back fil 1.50 m) By Mechanical Means Column footing Column C1,C4,C9,C12 Column No.C2,C3,C10,C11 | cking and s ling, rammi | preading, v | ing avateri | as di ng i X | ing the erected, dincluding | ewate short | vated materia tering, prepar ring and stru 2.30 2.30 | l uj ring ttin | say the distanthe bed g etc. cor 0.60 0.60 | = ence of for templet | 0.00 1.00 of 50 metres the e.e. (Lift upto 15.46 15.46 | +- |
| beyond the building area and star foundation and necessary back fil 1.50 m) By Mechanical Means Column footing Column C1,C4,C9,C12 Column No.C2,C3,C10,C11 Column No. C5,C6,C7,C8 | cking and sling, rammi | ng, v | ing a vateri | as ding i | ing the erected, dincluding 2.80 2.80 2.80 | ewate short | vated materia tering, preparing and stru 2.30 2.30 2.30 | l upring ttin X | say oto distanthe bed g etc. cor 0.60 0.60 0.60 | = cce of for templet | 0.00 1.00 f 50 metres he e. (Lift upto 15.46 15.46 15.46 | +- |
| beyond the building area and star foundation and necessary back fil 1.50 m) By Mechanical Means Column footing Column C1,C4,C9,C12 Column No.C2,C3,C10,C11 Column No. C5,C6,C7,C8 Column No. C17,C18,C19,C20 | cking and s ling, rammi | preading, v | ing a vateri | as ding i | 2.80 2.80 2.80 | xcav ewal short | vated materia tering, preparing and stru 2.30 2.30 2.30 2.30 | l upring ttin | say oto distanthe bed g etc. cor 0.60 0.60 0.60 0.00 | = = ce of for to the formula of the | 0.00 1.00 1.00 of 50 metres he e. (Lift upto 15.46 15.46 0.00 | +- |
| beyond the building area and star foundation and necessary back fil 1.50 m) By Mechanical Means Column footing Column C1,C4,C9,C12 Column No.C2,C3,C10,C11 Column No. C5,C6,C7,C8 Column No. C17,C18,C19,C20 Column Platform (CP) | cking and sling, rammi | ng, v | ing a vateri | as ding i | ing the erected, dincluding 2.80 2.80 2.80 | ewate short | vated materia tering, preparing and stru 2.30 2.30 2.30 | l upring ttin X | say oto distanthe bed g etc. cor 0.60 0.60 0.60 | = ence of for templet | 0.00 1.00 f 50 metres he e. (Lift upto 15.46 15.46 15.46 | +- |
| beyond the building area and star foundation and necessary back fil 1.50 m) By Mechanical Means Column footing Column C1,C4,C9,C12 Column No.C2,C3,C10,C11 Column No. C5,C6,C7,C8 Column No. C17,C18,C19,C20 | cking and s ling, rammi | preading, v | ing a vateri | as ding i | 2.80 2.80 2.80 | xcav ewal short | vated materia tering, preparing and stru 2.30 2.30 2.30 2.30 | l upring ttin | say oto distanthe bed g etc. cor 0.60 0.60 0.60 0.00 | = = ce of for to the formula of the | 0.00 1.00 1.00 of 50 metres he e. (Lift upto 15.46 15.46 0.00 | +- |
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| beyond the building area and stac foundation and necessary back fil 1.50 m) By Mechanical Means Column footing Column C1,C4,C9,C12 Column No. C2,C3,C10,C11 Column No. C5,C6,C7,C8 Column No. C17,C18,C19,C20 Column Platform (CP) For Ground Beam PANEL Longwall Gable wall Excavation for foundation in Hard metres beyond the building area a foundation and necessary back | cking and s ling, rammi 2 2 2 2 2 2 1 murum ir and stackin | preading, v | vateriing a vateri | as ding i X X X X X X X X X X X X X X X X X X | 2.80 2.80 2.80 2.80 5.05 ing the e rected, d neluding | xxcav ewal short | 2.30 2.30 2.30 2.30 2.30 0.70 0.70 vated materia | l upring ttin | say the bed g etc. cor 0.60 0.60 0.60 0.00 0.60 Total say pto a disreparing the | = = = = = = = = = = = = = = = = = = = | 0.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | Cı |
| beyond the building area and stac foundation and necessary back fil 1.50 m) By Mechanical Means Column footing Column C1,C4,C9,C12 Column No. C2,C3,C10,C11 Column No. C5,C6,C7,C8 Column No. C17,C18,C19,C20 Column Platform (CP) For Ground Beam PANEL Longwall Gable wall Excavation for foundation in Hard metres beyond the building area a foundation and necessary back Column footing | cking and s ling, rammi 2 2 2 2 2 2 2 1 murum ir and stackin, filling, ram | preading, v | 2 2 2 2 2 3 3 spray spra | x X X X X X X X X X X X X X X X X X X X | 2.80 2.80 2.80 2.80 2.80 2.80 2.80 ing the e | xcavewal short | 2.30 2.30 2.30 2.30 2.30 0.70 0.70 vated materia developed and structure of the structure | l upring tttin X X X X X X X IIIIIIIIIIIIIIIIIIIIII | say oto distanthe bed getc. cor 0.60 0.60 0.60 0.00 0.60 Total say pto a diseparing the structure of the | = = = = = = = = = = = = = = = = = = = | 0.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | Cı |
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| beyond the building area and stac foundation and necessary back fil 1.50 m) By Mechanical Means Column footing Column C1,C4,C9,C12 Column No. C2,C3,C10,C11 Column No. C5,C6,C7,C8 Column No. C17,C18,C19,C20 Column Platform (CP) For Ground Beam PANEL Longwall Gable wall Excavation for foundation in Hard metres beyond the building area a foundation and necessary back Column footing | cking and s ling, rammi 2 2 2 2 2 2 2 1 murum ir and stackin, filling, ram | preading, v | 2 2 2 2 2 3 3 spray spra | x X X X X X X X X X X X X X X X X X X X | 2.80 2.80 2.80 2.80 2.80 2.80 2.80 ing the e | xcavewal short | 2.30 2.30 2.30 2.30 2.30 0.70 0.70 vated materia developed and structure of the structure | l upring tttin X X X X X X X IIIIIIIIIIIIIIIIIIIIII | say oto distanthe bed getc. cor 0.60 0.60 0.60 0.00 0.60 Total say pto a diseparing the structure of the | = = = = = = = = = = = = = = = = = = = | 0.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | Cı |
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| beyond the building area and stace foundation and necessary back fill 1.50 m) By Mechanical Means Column footing Column C1,C4,C9,C12 Column No. C2,C3,C10,C11 Column No. C5,C6,C7,C8 Column No. C17,C18,C19,C20 Column Platform (CP) For Ground Beam PANEL Longwall Gable wall Excavation for foundation in Hardmetres beyond the building area a foundation and necessary back Column footing Column C1,C4,C9,C12 Column No. C5,C6,C7,C8 | cking and s ling, rammi 2 2 2 2 2 2 2 2 4 murum ir and stackin filling, ran 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | preading, v | 2 2 2 2 2 3 3 3 3 spread sprea | x x x x x x x x x x x x x x x x x x x | 2.80 2.80 2.80 2.80 2.80 2.80 2.80 2.80 | xxcavewal short | 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 | I upring ttin X X X X X X X X X X X X X X X X X X | say oto distanthe bed getc. cor oto 0.60 0.60 0.60 0.00 0.00 Total say pto a disreparing the utting etc 0.20 0.20 0.20 | = = = = = = = = = = = = = = = = = = = | 0.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | Cı |
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| | Item Nos & Description of Items | N | O.S | | | LENGT | | BREDTH | | DEPTH | | TOTAL | Uni |
|----|--|--|--|--|---|--|---|---|---|---|---|---|-----|
| | | | | | | | | | | Total | | 25.76 | |
| | | | | | | | | | | say | | 25.76 | Cum |
| | | | | | | | | | | | | | |
| | Excavation for foundation in hard | | | | | _ | | 0 | | | | | Cum |
| | distance 50 metres, beyond the b | - | | | _ | - | | - | | - | | | |
| | bed for the foundation and neces | • | _ | ram | mm | g, waterin | g II | iciuding shoi | ing | and stru | uing | etc. | |
| | | | | | | | | | | | | | |
| | Column C1,C4,C9,C12 | 2 | X | 2 | X | 2.80 | X | 2.30 | X | 0.00 | = | 0.00 | |
| | Column No.C2,C3,C10,C11 | 2 | X | 2 | X | 2.80 | X | 2.30 | X | 0.00 | = | 0.00 | |
| | Column No. C5,C6,C7,C8 | 2 | X | 2 | X | 2.80 | X | 2.30 | X | 0.00 | = | 0.00 | |
| | Column No. C17,C18,C19,C20 | 2 | X | 2 | X | 2.80 | X | 2.30 | X | 0.00 | = | 0.00 | |
| | Column Platform (CP) | 2 | X | 2 | X | 2.80 | X | 2.30 | X | 0.00 | = | 0.00 | |
| | For Ground Beam PANEL | | | | | | | | | | | | |
| | Longwall | 2 | X | 3 | X | 7.20 | X | 0.70 | X | 0.00 | | 0.00 | |
| | Gable wall | 2 | X | 3 | X | 5.05 | X | 0.70 | X | 0.00 | = | 0.00 | |
| | | _ | | | | | | | | Total | | 1.00 | |
| | | | | | | | | | | say | | 1.00 | Cum |
| 6 | Excavation for foundation in Hard | d murum ar | nd bo | ulder | s in | cluding r | emo | ving the exc | ava | | ial m | | Cum |
| Ü | Column footing | I maram ar | 10.00 | uracı | J | cruding r | 11110 | ving the exe | l | ica matei | lui u | pto u | Cum |
| | Column C1,C4,C9,C12 | 2 | X | 2 | X | 2.80 | X | 2.30 | X | 0.00 | = | 0.00 | |
| | Column No.C2,C3,C10,C11 | 2 | X | 2 | X | 2.80 | X | 2.30 | X | 0.00 | = | 0.00 | |
| | | | X | 2 | X | 2.80 | X | 2.30 | X | 0.00 | - | 0.00 | |
| | Column No. C5,C6,C7,C8 | 2 | | | _ | | | | | | = | | |
| | Column No. C17,C18,C19,C20 | 2 | X | 2 | X | 2.80 | X | 2.30 | X | 0.00 | = | 0.00 | |
| | Column Platform (CP) | 2 | X | 2 | X | 2.80 | X | 2.30 | X | 0.00 | = | 0.00 | |
| | | | | | | | | | | Total | | 1.00 | ~ |
| | | | | | | | | | | Say | | 1.00 | Cum |
| _ | Excavation for roadway in earth, | | | | _ | | _ | | _ | | sectio | | Cum |
| | For Wh bldg. | 0.0 | X | 1.0 | X | 21.390 | X | 6.000 | X | 0.300 | = | 0.000 | |
| | | | | | | | | | | TOTAL | = | 1.000 | |
| | | | | | | | | | | SAY | = | 1.00 | Cum |
| 8 | Excavation for roadway in hard r | nurum and | boul | ler ir | ıcluc | ling dress | ing | section to the | ne i | required g | grade | , camber and | Cum |
| _ | For Wh bldg. | 0.0 | X | 1.0 | X | 21.900 | X | 6.000 | X | 0.150 | = | 0.000 | |
| | | | | | | | | | | TOTAL Y | | 1.00 | |
| | | | | | | | | | | TOTAL | = | 1.00 | |
| | | | | | | | | | | SAY | = | 1.00 1.00 | Cum |
| | | | | | | | | | | SAY | = | 1.00 | |
| | Providing and laying Cast in situ for foundation and bedding inc compacting, roughening them if s | luding baili special finish | ng o | out v | vate pro | r, Steel vided, fir | cent ishi | ering, formv ng if require | vork d a | SAY / quartzit x, laying/p nd curing | e/ gnoump | eiss metal ing, nplete, with | Cum |
| | for foundation and bedding inc compacting, roughening them if s fully automatic micro processor b | luding baili special finish based PLC v | ng o n is t vitho | out v to be at SC | vater pro CAD | r, Steel wided, fir A enabled | cent ishi l re | ering, formv ng if require versible Drun | vork d aa n T | SAY / quartzit x, laying/p nd curing | e/ gnoump | eiss metal ing, nplete, with | |
| | for foundation and bedding inc compacting, roughening them if s fully automatic micro processor b mix plant (Pan mixer) etc. compl | luding baili special finish based PLC v lete. With f | ng on is to without ine a | out vote out SC | pro CAD gate | r, Steel vided, fir A enabled (Crushed | cent ishi l re san | ering, formv ng if require versible Drun d VSI Grade | vorked an | SAY / quartzit x, laying/p nd curing ype mixe | = e/ gn oump g con | eiss metal ing, inplete, with icrete Batch | |
| | for foundation and bedding inc compacting, roughening them if s fully automatic micro processor b mix plant (Pan mixer) etc. compl Bed concrete in WH. | luding baili special finish based PLC v | ng o n is t vitho | out v to be at SC | vater pro CAD | r, Steel wided, fir A enabled | cent ishi l re | ering, formv ng if require versible Drun | vork d aa n T | SAY / quartzit x, laying/p nd curing | e/ gnoump | eiss metal ing, nplete, with | |
| | for foundation and bedding inc compacting, roughening them if s fully automatic micro processor b mix plant (Pan mixer) etc. compl Bed concrete in WH. Column footing | eluding bailing bailing special finish passed PLC volete. With 1 | ing on is to vithout the a | out vote of the second of the | pro CAD gate | r, Steel wided, fir A enabled (Crushed 21.670 | cent ishi l re san X | ering, formv ng if require versible Drun d VSI Grade 15.280 | vorked an | SAY / quartzit x, laying/p nd curing ype mixe 0.10 | = gnoump g con | eiss metal ing, inplete, with icrete Batch | |
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| | for foundation and bedding inc compacting, roughening them if s fully automatic micro processor b mix plant (Pan mixer) etc. completed Bed concrete in WH. Column footing Column C1,C4,C9,C12 Column No.C2,C3,C10,C11 | eluding bailing bailing pecial finish pased PLC volete. With finish 1.0 | ing on is the vithout ine a X | out vote be stated by the second seco | pro CAD gate X | c, Steel vided, fir A enabled (Crushed 21.670 2.80 2.80 | cent ishi d re san X X | ering, formv ng if require versible Drun d VSI Grade 15.280 2.30 2.30 | vorked and T | SAY / quartzit c, laying/p d curing ype mixe 0.10 0.10 0.10 | = e/ gnoump g coner/con | eiss metal ing, mplete, with a sacrete Batch 33.112 2.58 2.58 | |
| | for foundation and bedding inc compacting, roughening them if s fully automatic micro processor b mix plant (Pan mixer) etc. complement of the concrete in WH. Column footing Column C1,C4,C9,C12 Column No.C2,C3,C10,C11 Column No. C5,C6,C7,C8 | eluding bailing bailing pecial finish pased PLC volete. With for the pecial finish pased PLC volete. With for the pecial finish pased PLC volete. With for the pecial finish pased pased for the pecial finish pased place for the pecial fi | ing on is to vithout ine a X X X X | out voice be seen to b | x x | 2.80 2.80 2.80 | centaishid resident X | ering, formving if require versible Drund VSI Grade 15.280 2.30 2.30 2.30 | vorked an T | SAY / quartzit c, laying/p nd curing ype mixe 0.10 0.10 0.10 0.10 | = e/ gnoump g coner/cor | eiss metal ing, mplete, with crete Batch 33.112 2.58 2.58 2.58 | |
| | for foundation and bedding inc compacting, roughening them if s fully automatic micro processor b mix plant (Pan mixer) etc. completed Bed concrete in WH. Column footing Column C1,C4,C9,C12 Column No.C2,C3,C10,C11 | eluding bailing bailing pecial finish pased PLC volete. With finish 1.0 | ing on is the vithout ine a X | out vote be stated by the second seco | pro CAD gate X | c, Steel vided, fir A enabled (Crushed 21.670 2.80 2.80 | x X X X X X | ering, formv ng if require versible Drun d VSI Grade 15.280 2.30 2.30 | vorked and T | SAY / quartzit c, laying/p d curing ype mixe 0.10 0.10 0.10 | = e/ gnoump g coner/con | eiss metal ing, mplete, with a sacrete Batch 33.112 2.58 2.58 | |
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| | for foundation and bedding inc compacting, roughening them if s fully automatic micro processor b mix plant (Pan mixer) etc. complement of the control of th | eluding bailing bailing pecial finish pased PLC volete. With for the period of the per | ng of is the vithout in a state of the vitho | 2 2 2 2 3 | vater pro | 2.80 2.80 2.80 2.80 2.80 7.20 | X X X X X X | ering, formv ng if require versible Drun d VSI Grade 15.280 2.30 2.30 2.30 2.30 2.30 | vorked an T | SAY / quartzit x, laying/p nd curing ype mixe 0.10 0.10 0.10 0.10 0.10 0.10 Total | = e/ gnump | 1.00 eiss metal ing, nplete, with crete Batch 33.112 2.58 2.58 2.58 2.58 1.73 1.21 48.93 | 2.7 |
| 1 | for foundation and bedding inc compacting, roughening them if s fully automatic micro processor b mix plant (Pan mixer) etc. complement of the complement of | ck masonry valls/ in pliri | ng of is the vithor in a state of the vithor i | convexternal | x x x x x x x x x x x x x x x x x x x | 7. Steel vided, fir A enabled (Crushed 21.670 2.80 2.80 2.80 5.05 conal/ I.S. alls inclu | x X X X X X X X Y X X X X X X X X X X X | ering, formving if require versible Drund VSI Grade 15.280 2.30 2.30 2.30 2.30 2.30 0.40 0.40 0.40 e bricks in a galanting out | xvorked and Teleston XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | SAY / quartzit x, laying/p nd curing ype mixe 0.10 0.10 0.10 0.10 0.10 0.10 Total say ent mort: ter manu | = = = = = = = = = = = = = = = = = = = | 1.00 eiss metal ing, applete, with a crete Batch 2.58 2.58 2.58 2.58 2.58 48.93 | 2.7 |
| 1 | for foundation and bedding inc compacting, roughening them if s fully automatic micro processor b mix plant (Pan mixer) etc. complement plant for foliam No. Column C1,C4,C9,C12 Column No. C1,C4,C9,C12 Column No. C17,C18,C19,C20 Column Platform (CP) For Ground Beam PANEL Longwall Gable wall Providing second class Burnt Briefoundations and plinth of inner w, striking joints on unexposed face | ck masonry valls/ in pliri | ng of is the vithor in a state of the vithor i | convexternal | x x x x x x x x x x x x x x x x x x x | 7. Steel vided, fir A enabled (Crushed 21.670 2.80 2.80 2.80 5.05 conal/ I.S. alls inclu | x X X X X X X X Y X X X X X X X X X X X | ering, formving if require versible Drund VSI Grade 15.280 2.30 2.30 2.30 2.30 2.30 0.40 0.40 0.40 e bricks in a galanting out | xvorked and Teleston XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | SAY / quartzit x, laying/p nd curing ype mixe 0.10 0.10 0.10 0.10 0.10 0.10 Total say ent mort: ter manu | = = = = = = = = = = = = = = = = = = = | 1.00 eiss metal ing, applete, with a crete Batch 2.58 2.58 2.58 2.58 2.58 48.93 | Cum |
| .1 | for foundation and bedding inc compacting, roughening them if s fully automatic micro processor b mix plant (Pan mixer) etc. complement of the complement of | ck masonry valls/ in plires, raking o | ng of is the vithor ine a X X X X X X X X X X X X X X X X X X | 1.0 2 2 2 2 2 3 3 3 | vater processor of the | c, Steel vided, fir A enabled (Crushed 21.670 2.80 2.80 2.80 5.05 conal/ I.S. alls inclu posed fac | x X X X X X X X X X X X X X X X X X X X | ering, formving if require versible Drund VSI Grade 15.280 2.30 2.30 2.30 2.30 2.30 0.40 0.40 0.40 e bricks in our bailing out and watering | vorked and Teles of X | SAY / quartzit x, laying/p nd curing ype mixe 0.10 0.10 0.10 0.10 0.10 Total say ent mort: ter manu c. Comple | = e/gn pump g com rr/corr | 1.00 eiss metal ing, mplete, with acrete Batch 33.112 2.58 2.58 2.58 2.58 2.58 48.93 48.93 | Cum |
| .1 | for foundation and bedding inc compacting, roughening them if s fully automatic micro processor b mix plant (Pan mixer) etc. complement plant for foliam No. Column C1,C4,C9,C12 Column No. C1,C4,C9,C12 Column No. C17,C18,C19,C20 Column Platform (CP) For Ground Beam PANEL Longwall Gable wall Providing second class Burnt Briefoundations and plinth of inner w, striking joints on unexposed face | ck masonry valls/ in pliri | ng of is the vithor in a state of the vithor i | converse of the converse of th | x x x x x x x x x x x x x x x x x x x | 7. Steel vided, fir A enabled (Crushed 21.670 2.80 2.80 2.80 5.05 conal/ I.S. alls inclu | x X X X X X X X Y X X X X X X X X X X X | ering, formving if require versible Drund VSI Grade 15.280 2.30 2.30 2.30 2.30 2.30 0.40 0.40 0.40 e bricks in a galanting out | xvorked and Teleston XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | SAY / quartzit x, laying/p nd curing ype mixe 0.10 0.10 0.10 0.10 0.10 0.10 Total say ent mort: ter manu | = = = = = = = = = = = = = = = = = = = | 1.00 eiss metal ing, applete, with a crete Batch 2.58 2.58 2.58 2.58 2.58 48.93 | Cum |

| | Item Nos & Description of Items | N | O.S | | | LENGT | | BREDTH | | DEPTH | | TOTAL | Unit |
|----|---|---|--|--------------------------------------|-----------------------------|--|-------------------------------|--|----------------------------|---|-------------------------------|--|--|
| | _ | | | | | | | | | Total | = | 23.15 | |
| | | | | | | | | | | say | = | 23.15 | Cum |
| | TMT Steel | | | | | | | | | - | | | |
| 12 | Providing and fixing in position of footings, foundations, slabs, beams arches etc. as per detailed designs with wires or tack welding and s | s columns, s, drawings | cano _j | pies, sche | stai: dule | rcase, nev s. includi | vels, | chajjas, lint | els | pardis, co | ping | gs, fins, | МТ |
| | Footing | 34.69 | | | | 1 | | | | | | | 1 |
| | Column | 10.76 | | | | | | | | | | | |
| | Beams And Lintels | 46.01 | | | | | | | | | | | - |
| | weathersheds & canopies | 1.25 | | | | | | | | | | | |
| | R.C.C.slab | 3.89 | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | 96.60 | х | 140 | | 13524.56 | | | | | | 13.525 | |
| | | | To | otal | <u> </u> | | I | | | ı | <u> </u> | 13.525 | 1 |
| | | | S | ay | | | | | | | | 13.525 | MT |
| | Footing | | | ĺ | | | | | | | | | 1 |
| 13 | Providing and laying in situ /Reac R.C.C. work in foundations like steel stanchions etc. including blocks, compaction and curing rou reinforcement and structural stee SCADA enabled reversible Drum aggregate (Crushed sand VSI Gran | e raft, stripg bailing aghening the li) etc. con Type mixer | o for out e sur nplet | undat wa face e, w | ions ter, if s ith | , grillage Steel c pecial fin fully aut | an ente ish oma | d footings oring formwork to be provided the micro provided to the provided the football of th | of ork, ideo oces | R.C.C. co , laying/pu d (Exclu- ssor based | olumi impi ding d PL | ns and ng cover | Cum |
| | Column footing | | | | | | | | | | | | 1 |
| | Column C1,C4,C9,C12 | 2 | X | 2 | х | 2.50 | X | 2.00 | X | 0.65 | = | 13.00 | |
| | Column No.C2,C3,C10,C11 | 2 | X | 2 | х | 2.00 | X | 2.50 | X | 0.55 | = | 11.00 | - |
| | Column No. C5,C6,C7,C8 | 2 | X | 2 | X | 2.00 | X | 2.25 | X | 0.45 | = | 8.10 | |
| | Column No. C17,C18,C19,C20 | 2 | X | 2 | х | 0.00 | х | 0.00 | X | 0.00 | = | 0.00 | |
| | Column Platform (CP) | 2 | X | 2 | х | 1.20 | X | 1.20 | X | 0.45 | = | 2.59 | 1 |
| | , , | | | | | | | | | Total | | 34.69 | 1 |
| | | | | | | | | | | say | | 34.69 | Cum |
| | | | | | | | | | | | | | |
| | Column | | | | | | | | | | | | |
| 14 | Providing and laying Cast in s metal for R.C.C. columns as per cover blocks, laying/pumping, con minimum thickness to give a smoo curing etc. complete,(Excluding PLC with Out SCADA enabled r complete. With fine aggregate (Cr | detailed des apaction finant oth and ever reinforcement eversible D | signs ishin n sui nt a rum | and g the face nd s Type | drav for or i | wing or a med surfa roughening tural steel) | s di aces g if).wit | rected includ with cement special finish h fully auton | ing mo h i | steel center 1:3 is to be c micro | of si pro proce | ig, formwork, ufficient wided and essor based | Cum |
| | Column up to plinth | | | | | | | | | | | | |
| | Column C1,C4,C9,C12 | 2 | X | 2 | X | 0.48 | X | 0.60 | X | 2.15 | = | 2.48 | 1 |
| | Column No.C2,C3,C10,C11 | 2 | X | 2 | X | 0.35 | X | 0.60 | X | 2.15 | = | 1.81 | 1 |
| | Column No. C5,C6,C7,C8 | 2 | X | 2 | X | 0.32 | X | 0.53 | X | 2.15 | = | 1.46 | 1 |
| | Column No. C17,C18,C19,C20 | 2 | X | 2 | X | 0.15 | X | 0.23 | X | 0.00 | = | 0.00 | |
| | Column Platform (CP) | 2 | X | 2 | X | 0.30 | X | 0.53 | X | 2.15 | = | 1.37 | 4.44 |
| | Column above plinth | | | | | | | | | | | | |
| | Column C1,C4,C9,C12 | 2 | X | 2 | X | 0.30 | X | 0.30 | X | 3.00 | = | 1.08 | |
| | Column No.C2,C3,C10,C11 | 2 | X | 2 | X | 0.30 | X | 0.30 | X | 3.00 | = | 1.08 | |
| | Column No. C5,C6,C7,C8 | 2 | X | 2 | X | 0.30 | X | 0.30 | X | 3.00 | = | 1.08 | |
| | Column No. C17,C18,C19,C20 | 2 | X | 2 | X | 0.15 | X | 0.23 | X | 3.00 | = | 0.41 | ļ |
| | Column Platform (CP) | 0 | X | 2 | X | 0.30 | X | 0.53 | X | 3.00 | = | 0.00 | ļ |
| | | | | | | | | | | Total | | 10.76 | ļ |
| | | | | | | | | | | say | | 10.76 | Cum |
| | Beams And Lintels | | | | | | | | | | | | |

| Item Nos & Description of Items | N | O.S | | | LENGT | | BREDTH | | DEPTH | | TOTAL | Uni |
|---|--|-------------------------|--------------------------|-----------------------|--------------------------------------|----------------------|--|--------------|-----------------------------------|------------------------|-------------------------|-----|
| 15 Providing and laying Cast in smetal for R.C.C. beams and centering, formwork, cover block | lintels as j | per (| letail | ed | designs a | and | drawings or | r a | directe | d inc | luding steel | Cum |
| to be provided and curing etc. | | | | | | | | | | | | |
| automatic micro processor based mix plant (Pan mixer) etc. compl | | | | | | | | | e mixer/ | con | crete Batch | |
| Ground Beam | | | | | | | | | | | | |
| Longwall | 2 | X | 3 | X | 7.20 | X | 0.35 | X | 0.60 | = | 9.07 | |
| Gable wall | 2 | X | 3 | X | 5.05 | X | 0.35 | X | 0.60 | = | 6.36 | |
| | 2 | X | 0 | X | 4.55 | X | 0.35 | X | 0.60 | = | 0.00 | |
| | 1 | X | 0 | X | 4.45 | X | 0.35 | X | 0.60 | = | 0.00 | |
| Platform beam | | | | | | | | | | | | |
| PB 1 | 2 | X | 2 | X | 7.20 | X | 0.35 | X | 0.60 | = | 6.05 | |
| PB2 | 2 | X | 2 | X | 7.20 | X | 0.35 | X | 0.60 | = | 6.05 | |
| PB3 | 1 | X | 3 | X | 1.20 | X | 0.35 | X | 0.60 | = | 0.76 | |
| OFFSET | 2 | X | 1 | X | 4.94 | X | 0.21 | X | 0.15 | = | 0.31 | |
| | | | | | | | | | | | | |
| OFFSET | 2 | X | 1 | X | 1.20 | X | 0.21 | X | 0.15 | = | 0.08 | |
| Patli 0.23X0.35 | | | | | | | | | | | | |
| Longwall | 1 | X | 2 | X | 7.20 | X | 0.23 | X | 0.35 | = | 1.16 | |
| Gable wall | 2 | X | 2 | X | 5.05 | X | 0.23 | X | 0.35 | = | 5.00 | |
| LINTELS | | | | | | | | | | | | |
| OVER V1 | 2 | X | 8 | X | 1.50 | X | 0.35 | X | 0.15 | = | 1.26 | |
| DOOR BEAM | _ | | | | | | | | | | | |
| Longwall | 2 | X | 3 | X | 7.20 | X | 0.30 | X | 0.45 | = | 5.83 | |
| Gable wall | 2 | X | 3 | X | 5.05 | X | 0.30 | X | 0.45 | = | 4.09 | |
| | | | | | | | | | | | 46.01 | |
| | | | | | | | | | say | | 46.01 | Cum |
| weathersheds & canopies | | | | | | | | | | | | |
| 16 Providing and laying Cast in situ R.C.C. chajja as per detailed des laying/pumping, compacting and i (Excluding reinforcement and struenabled reversible Drum Type mi (Crushed sand VSI Grade) | ign and draw roughening to ctural steel) | wings he si . wit | incl urface h ful | ludin e if ly a | ng steel c special fi utomatic | ente inish mic | ering, formwo | ork, ovic | cover blo led and c d PLC v | cks, uring vitho | g complete. ut SCADA | Cum |
| Ventilators - V1 Long side | 2 | X | 8 | X | 1.50 | х | 0.52 | Х | 0.10 | = | 1.25 | |
| | | | | | | | | | Total | | 1.25 | |
| | | | | | | | | | Say | | 1.25 | Cum |
| R.C.C.slab | | | | | | | | | | | | |
| 17 Providing and laying Cast in smetal for R.C.C. slabs and lar formwork, cover blocks, laying/pu sufficient minimum thickness to g and curing etc. complete. With | dings as p mping, com ive a smootl | er d pacti n and | etaile on fi l eve | ed c nish n su | lesigns a ing the four face or | nd orme roug | drawings in ed surfaces v ghening if spe | clud vith | ing stee | l cent norta | tering, r 1:3 of | cum |

| Item Nos & Description of Items | | NO.S | | | LENGT | Ш | BREDTH | | DEPTH | ш | TOTAL | U |
|---|---|---------------------------------------|--------------------------------------|---------------------------------------|--|---------------------------------|--|----------|---------------------|---|--|-----------|
| PLATFORM SLAB | 1 | X | 2 | X | 7.20 | X | 1.80 | X | 0.150 | = | 3.89 | |
| | | | | | | | | | Total | | 3.89 | |
| | | | | | | | | | say | | 3.89 | Cur |
| BBM | | | | | | | | | | | | |
| Providing second class Burnt Brid | ck masonry | with | conv | venti | onal/ I.S. | typ | e bricks in | cem | ent morta | ır 1: | 6 in super | Cur |
| structure including striking joints, | raking out | joints, | water | ring | and scaff | oldir | ng etc.Compl | lete | | | | |
| BAY | | T | | | | | | | | | | 1 |
| Longwall | 2 | X | 3 | X | 7.20 | X | 0.23 | X | 2.55 | = | 25.34 | 1 |
| Gable wall | 2 | X | 3 | X | 5.05 | X | 0.23 | X | 2.55 | = | 17.77 | T |
| Deduction for | | + | - | | | | | | Total | | 43.11 | |
| Rolling shutters | 2 | X | 1 | X | 2.10 | X | 0.35 | X | 2.55 | = | 3.75 | \dagger |
| V1 | 2 | X | 8 | X | 0.60 | X | 0.60 | X | 0.60 | = | 3.46 | |
| | | Ħ | _ | Ħ | | | Total dedi | | | | 7.20 | 1 |
| | <u> </u> | + | | \vdash | | H | Total ded | | Net | \vdash | 35.90 | + |
| | <u> </u> | + | | \vdash | | H | | H | total | \vdash | 35.90 | + |
| | | - | | + | | H | | H | Say | $\vdash \vdash$ | 35.90 | Cui |
| | | + | | | | | | | Say | $\vdash\vdash$ | 33.90 | Cui |
| Description and fourth description | | | | | | Ш | 1 | | 1 | لــــا | 11 | _ |
| Providing sand faced plaster ex including base coat of 15 mm th | | | | | | | | | | | | S |
| Outside | ick iii celli | CIIL III | ortar | 1.4 | using Wa | μειρ | nooning com | pou | nu at IKI | rogra | imper cement | + |
| Long wall | 1 | X | 2 | X | 22.13 | X | 3.90 | H | | = | 172.61 | + |
| short wall | 1 | X | | X | 15.74 | X | 3.90 | H | | = | 122.77 | +- |
| Weather sheds over | 1 | | | Λ | 13.74 | Λ | 3.90 | | | \vdash | 122.77 | + |
| | | v | 20 | v | 1 5 5 | X | 0.65 | | | $\vdash\vdash$ | 40.20 | + |
| V1 top, bottom | 2 | X | | X | 1.55 | | 0.65 | | | = | 40.30 | + |
| Sides | 1 | X | 20 | X | 0.45 | X | 0.08 | Ш | | = | 0.72 | — |
| | | <u> </u> | | igspace | | | | | Total | Ш | 336.41 | |
| Deduction | | ↓ | | | | | | | | | | |
| Rolling shutters | 1 | X | | X | 2.10 | X | 2.55 | | | = | 10.71 | |
| V1 | 2 | X | 8 | X | 0.60 | X | 0.60 | | | = | 5.76 | |
| | | | | | | | | | Total | | 16.47 | |
| | | | | | | | | | Net | | 319.94 | |
| | | | | | | | | | Say | | 319.94 | .5 |
| | | | | | | | | | | | | 1 |
| | | | | | | | | | | | | 1 |
| | | 1 | | | | | | | | | | |
| Providing internal cement plaste | r 12 mm | thick | in S | ingle | coats in | cei | ment mortar | 1:4 | without | neer | u finish, to | S |
| Inside | | Т | | Ň | | | | | | | | 1 |
| Long wall | | + | 2 | 77 | 21.67 | 37 | | \vdash | | = | 145.19 | |
| | 1 | X | | X | 21.67 | X | 3.35 | | | _ | 143.17 | |
| short wall | 1 | X | | X | 15.28 | X | 3.35 | | | = | 102.38 | |
| short wall | | | | | | | | | | - | | |
| short wall Offset of cloumn | 1 | X | 2 | X | 15.28 | X | 3.35 | | | = | 102.38 | |
| short wall Offset of cloumn C1 | 2 | X | 2 | X | 15.28 0.37 | X | 3.35 | | | Ш | 102.38 | |
| short wall Offset of cloumn C1 C2 | 2 2 | X X X | 2 2 3 | X X X | 0.37 0.37 | X X X | 3.35 3.35 3.35 | | | 11 11 | 102.38 4.96 7.44 | |
| short wall Offset of cloumn C1 C2 C3 | 1 2 2 2 2 | X X X | 2 2 3 2 | X X X X | 0.37 0.37 0.37 | X X X X | 3.35 3.35 3.35 3.35 | | | = = = = | 102.38 4.96 7.44 4.96 | |
| short wall Offset of cloumn C1 C2 | 2 2 | X X X | 2 2 3 | X X X | 0.37 0.37 | X X X | 3.35 3.35 3.35 | | | 11 11 | 102.38 4.96 7.44 | |
| short wall Offset of cloumn C1 C2 C3 CP & C4 RS | 1 2 2 2 2 | X X X | 2 2 3 2 | X X X X | 0.37 0.37 0.37 | X X X X | 3.35 3.35 3.35 3.35 | | Total | = = = = | 102.38 4.96 7.44 4.96 3.28 | |
| short wall Offset of cloumn C1 C2 C3 CP & C4 RS Deduction | 1 2 2 2 2 | X X X X | 2 3 2 7 | X X X X | 0.37 0.37 0.37 0.14 | X X X X | 3.35 3.35 3.35 3.35 3.35 | | Total | = = = = | 102.38 4.96 7.44 4.96 3.28 247.57 | |
| short wall Offset of cloumn C1 C2 C3 CP & C4 RS Deduction Rolling shutters | 1 2 2 2 2 1 | X X X X X | 2 3 2 7 | X X X X X | 0.37 0.37 0.37 0.14 | X X X X X | 3.35 3.35 3.35 3.35 3.35 2.55 | | Total | = | 102.38 4.96 7.44 4.96 3.28 247.57 10.71 | |
| short wall Offset of cloumn C1 C2 C3 CP & C4 RS Deduction | 1 2 2 2 2 | X X X X | 2 3 2 7 | X X X X | 0.37 0.37 0.37 0.14 | X X X X | 3.35 3.35 3.35 3.35 3.35 | | | = = = = | 102.38 4.96 7.44 4.96 3.28 247.57 10.71 5.76 | |
| short wall Offset of cloumn C1 C2 C3 CP & C4 RS Deduction Rolling shutters | 1 2 2 2 2 1 | X X X X X | 2 3 2 7 | X X X X X | 0.37 0.37 0.37 0.14 | X X X X X | 3.35 3.35 3.35 3.35 3.35 2.55 | | Dedu. | = | 102.38 4.96 7.44 4.96 3.28 247.57 10.71 5.76 16.47 | |
| short wall Offset of cloumn C1 C2 C3 CP & C4 RS Deduction Rolling shutters | 1 2 2 2 2 1 | X X X X X | 2 3 2 7 | X X X X X | 0.37 0.37 0.37 0.14 | X X X X X | 3.35 3.35 3.35 3.35 3.35 2.55 | | Dedu. | = | 102.38 4.96 7.44 4.96 3.28 247.57 10.71 5.76 16.47 231.10 | |
| short wall Offset of cloumn C1 C2 C3 CP & C4 RS Deduction Rolling shutters | 1 2 2 2 2 1 | X X X X X | 2 3 2 7 | X X X X X | 0.37 0.37 0.37 0.14 | X X X X X | 3.35 3.35 3.35 3.35 3.35 2.55 | | Dedu. | = | 102.38 4.96 7.44 4.96 3.28 247.57 10.71 5.76 16.47 | S |
| short wall Offset of cloumn C1 C2 C3 CP & C4 RS Deduction Rolling shutters V1 | 1 2 2 2 1 1 | X X X X X | 2 3 2 7 | X X X X X X | 0.37 0.37 0.37 0.14 2.10 0.60 | X X X X X X | 3.35 3.35 3.35 3.35 3.35 2.55 0.60 | | Dedu. Net Say | | 102.38 4.96 7.44 4.96 3.28 247.57 10.71 5.76 16.47 231.10 231.10 | |
| short wall Offset of cloumn C1 C2 C3 CP & C4 RS Deduction Rolling shutters V1 Providing internal cement plaster | 1 2 2 2 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 | X X X X X X | 2 3 2 7 2 8 Single | X X X X X X | 0.37 0.37 0.37 0.14 2.10 0.60 | X X X X X X | 3.35 3.35 3.35 3.35 2.55 0.60 | | Dedu. Net Say | | 102.38 4.96 7.44 4.96 3.28 247.57 10.71 5.76 16.47 231.10 231.10 | |
| short wall Offset of cloumn C1 C2 C3 CP & C4 RS Deduction Rolling shutters V1 | 1 2 2 2 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 | X X X X X X | 2 3 2 7 2 8 Single | X X X X X X | 0.37 0.37 0.37 0.14 2.10 0.60 | X X X X X X | 3.35 3.35 3.35 3.35 2.55 0.60 | | Dedu. Net Say | | 102.38 4.96 7.44 4.96 3.28 247.57 10.71 5.76 16.47 231.10 231.10 | |
| short wall Offset of cloumn C1 C2 C3 CP & C4 RS Deduction Rolling shutters V1 Providing internal cement plaster concrete, brick surface, in all posi | 1 2 2 2 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 | X X X X X X | 2 3 2 7 2 8 Singl- | X X X X X X | 0.37 0.37 0.37 0.14 2.10 0.60 | X X X X X X | 3.35 3.35 3.35 3.35 2.55 0.60 | | Dedu. Net Say | | 102.38 4.96 7.44 4.96 3.28 247.57 10.71 5.76 16.47 231.10 231.10 | |
| short wall Offset of cloumn C1 C2 C3 CP & C4 RS Deduction Rolling shutters V1 Providing internal cement plaster concrete, brick surface, in all posi | 1 2 2 1 1 1 2 2 1 2 1 2 2 mm thic titions include | X X X X X X X X X X X X X X X X X X X | 2 3 2 7 7 2 8 8 Single scaffor | X X X X X X | 0.37 0.37 0.37 0.14 2.10 0.60 | X X X X X X | 3.35 3.35 3.35 3.35 2.55 0.60 t mortar 1:4 etc.complete | | Dedu. Net Say | = = = = = = = = = = = = = = = = = = = | 102.38 4.96 7.44 4.96 3.28 247.57 10.71 5.76 16.47 231.10 231.10 | |
| short wall Offset of cloumn C1 C2 C3 CP & C4 RS Deduction Rolling shutters V1 Providing internal cement plaster concrete, brick surface, in all posi Plinth Long Wall | 1 2 2 1 1 1 2 2 1 2 1 2 2 1 1 1 2 1 | X X X X X X X X X X X X X X X X X X X | 2 3 2 7 7 2 8 Single scaffor 2 | X X X X X X X X X X X X X X X X X X X | 0.37 0.37 0.37 0.14 2.10 0.60 bats in ceres and current control of the ceres of the | X X X X X X X | 3.35 3.35 3.35 3.35 2.55 0.60 t mortar 1:4 etc.complete | | Dedu. Net Say | = = = = = = = = = = = = = = = = = = = | 102.38 4.96 7.44 4.96 3.28 247.57 10.71 5.76 16.47 231.10 231.10 sh, to | |
| short wall Offset of cloumn C1 C2 C3 CP & C4 RS Deduction Rolling shutters V1 Providing internal cement plaster concrete, brick surface, in all posi | 1 2 2 1 1 1 2 2 1 2 1 2 2 mm thic titions include | X X X X X X X X X X X X X X X X X X X | 2 3 2 7 7 2 8 Single scaffor 2 | X X X X X X | 0.37 0.37 0.37 0.14 2.10 0.60 | X X X X X X X | 3.35 3.35 3.35 3.35 2.55 0.60 t mortar 1:4 etc.complete | | Dedu. Net Say | = = = = = = = = = = = = = = = = = = = | 102.38 4.96 7.44 4.96 3.28 247.57 10.71 5.76 16.47 231.10 231.10 sh, to | |
| short wall Offset of cloumn C1 C2 C3 CP & C4 RS Deduction Rolling shutters V1 Providing internal cement plaster concrete, brick surface, in all posi Plinth Long Wall | 1 2 2 1 1 1 2 2 1 2 1 2 2 1 1 1 2 1 | X X X X X X X X X X X X X X X X X X X | 2 3 2 7 7 2 8 Single scaffor 2 | X X X X X X X X X X X X X X X X X X X | 0.37 0.37 0.37 0.14 2.10 0.60 bats in ceres and current control of the ceres of the | X X X X X X X | 3.35 3.35 3.35 3.35 2.55 0.60 t mortar 1:4 etc.complete | | Dedu. Net Say | = = = = = = = = = = = = = = = = = = = | 102.38 4.96 7.44 4.96 3.28 247.57 10.71 5.76 16.47 231.10 231.10 sh, to | S |

| Short wall | 21.67 X 15.28 X | | DEPTH | | _ |
|---|---|---|--|--|---------------------|
| Long wall | | d or masonry | surfaces ar | nd asbestos | Sqm |
| Short wall 1 X 2 X Offset of cloumn | | | | | |
| Offset of cloumn 2 X 2 X 2 X 0 C1 2 X 2 X 3 X 0 C2 2 X 2 X 2 X 0 C3 2 X 2 X 2 X 0 C4 RS 1 X 7 X 0 Dedu. | 15.28 X | 3.35 | | = 145.19 | |
| C1 2 X 2 X 0 C2 2 X 3 X 0 C3 2 X 2 X 0 C4 RS 1 X 7 X 0 Dedu. | | 3.35 | | = 102.38 | |
| C2 | | | | | |
| C3 | 0.44 X | 3.35 | | = 5.90 | |
| C4 RS 1 X 7 X (Dedu. | 0.44 X | 3.35 | | = 8.84 | |
| Dedu. | 0.44 X | 3.35 | | = 5.90 | |
| | 0.14 X | 3.35 | | = 3.28 | |
| Dalling shortens 1 xz 2 xz 2 | | | Total | 271.48 | |
| Rolling shutters 1 X 2 X 2 | 2.10 X | 2.55 | | = 10.71 | |
| V1 2 X 8 X 0 | 0.60 X | 0.60 | | = 5.76 | |
| | | | Total | 16.47 | |
| | | | Net | 255.01 | |
| | | | Say | 255.01 | Sqm |
| | | | | | |
| 23 Providing and applying two coats of exterior acraylic emulsion pair | int confirm | ing to correspo | nding I.S. | | Sqm |
| of approved manufacture and of approved colour to the plastered su | | | | the | 1 |
| plaster surface, applying primer coat ,scaffolding if necessary , and | d watering | the surface for | two days etc | ; | |
| complete. | • | | T | | |
| Outside | | | | | |
| Ę | 21.67 X | 3.90 | | = 169.03 | |
| short wall 1 X 2 X | 15.28 X | 3.90 | | = 119.18 | |
| | | | Total | = 288.21 | |
| Deduction | | | | | |
| Rolling shutters 1 X 2 X 2 | 2.10 X | 2.55 | | = 10.71 | |
| V1 2 X 8 X (| 0.60 X | 0.60 | | = 5.76 | |
| | | | Dedu. | 16.47 | |
| | | | Net | 271.74 | |
| | | | total | 272.00 | |
| | | | Say | 272.00 | Sqm |
| | | | | | 1 |
| 24 Providing and applying two coats (exterior quality) of flat oil plastered surface in buildings and workshops including scaffol preparing surface etc. complete. (excluding primer coat) | | | | | Sqm |
| Plinth | | | | | |
| Stack lines | - 00 - | 0.10 | | | |
| 1- 1 - 1 - 1 - 1 - 1 | 6.00 X | 0.10 | | = 4.80 | |
| | | 0.10 | | | |
| | 9.00 X | | | = 7.20 | |
| | 9.00 X | . | Total | 12.00 | |
| | 9.00 X | | Total Say | | Sqm |
| Short 2 X 4 X 9 | | | Say | 12.00 12.00 | Sqm |
| | | num thickness | Say | 12.00 12.00 | |
| Short 2 X 4 X 9 | | num thickness | Say | 12.00 12.00 | |
| Short 2 X 4 X 9 25 Providing and fixing rolling shutter fabricated from steel laths | | | Say | 12.00 12.00 | |
| Short 2 X 4 X 9 25 Providing and fixing rolling shutter fabricated from steel laths | s of minin | | Say 0.9 mm w | 12.00 12.00 vith lock plate of | |
| Short 2 X 4 X 9 25 Providing and fixing rolling shutter fabricated from steel laths | s of minin | | 0.9 mm w | 12.00 12.00 with lock plate of | Sqm |
| Short 2 X 4 X 9 25 Providing and fixing rolling shutter fabricated from steel laths | s of minin | | O.9 mm w | 12.00 12.00 vith lock plate of 10.71 10.71 | Sqm |
| Short 2 X 4 X 9 25 Providing and fixing rolling shutter fabricated from steel laths | s of minin | 2.55 , | 0.9 mm w 1.00 Total Say re Metre as | 12.00 12.00 vith lock plate of 10.71 10.71 10.71 s per drawing | Sqm |
| Short 2 X 4 X 9 25 Providing and fixing rolling shutter fabricated from steel laths Rolling shutters 1 X 2 X 2 26 Providing and fixing mildsteel grill work for windows, ventilate including fixtures, necessary welding and painting with one compainting complete. | s of minin | 2.55 , | 0.9 mm w 1.00 Total Say re Metre as | 12.00 12.00 vith lock plate of 10.71 10.71 10.71 s per drawing | Sqm |
| Short 2 X 4 X 9 25 Providing and fixing rolling shutter fabricated from steel laths Rolling shutters 1 X 2 X 2 26 Providing and fixing mildsteel grill work for windows, ventilate including fixtures, necessary welding and painting with one compainting complete. V1 2 X 8 X 0 | s of minin 2.10 | 2.55 y | 0.9 mm w 1.00 Total Say re Metre as | 12.00 12.00 vith lock plate of 10.71 10.71 10.71 s per drawing o coats of oil | Sqm |
| Short 2 X 4 X 9 25 Providing and fixing rolling shutter fabricated from steel laths Rolling shutters 1 X 2 X 2 26 Providing and fixing mildsteel grill work for windows, ventilate including fixtures, necessary welding and painting with one compainting complete. V1 2 X 8 X 0 | s of minim 2.10 torsetc. 20 aat s of au | 2.55 y | 0.9 mm w 1.00 Total Say re Metre as | 12.00 12.00 20 12.00 20 12.00 20 12.00 20 12.00 20 10.71 20 10.71 20 10.71 20 10.71 21 10.71 22 23 24 25 25 26 26 26 26 26 26 26 26 26 26 26 26 26 | Sqm |
| Short 2 X 4 X 9 25 Providing and fixing rolling shutter fabricated from steel laths Rolling shutters 1 X 2 X 2 26 Providing and fixing mildsteel grill work for windows, ventilate including fixtures, necessary welding and painting with one compainting complete. V1 2 X 8 X 0 | s of minim 2.10 torsetc. 20 aat s of au | 2.55 y | Say 0.9 mm w 1.00 Total Say re Metre as and two | 12.00 12.00 12.00 vith lock plate of 10.71 10.71 10.71 10.71 10.71 10.71 20.71 10.71 20.71 | Sqn Sqn Sqn |
| Short 2 X 4 X 9 25 Providing and fixing rolling shutter fabricated from steel laths Rolling shutters 1 X 2 X 2 26 Providing and fixing mildsteel grill work for windows, ventilate including fixtures, necessary welding and painting with one compainting complete. V1 2 X 8 X 0 | s of minim 2.10 torsetc. 20 aat s of au | 2.55 y | Say 0.9 mm w 1.00 Total Say re Metre as and two | 12.00 12.00 12.00 vith lock plate of 10.71 10.71 10.71 s per drawing o coats of oil = 5.76 = 18.00 | Sqn Sqn Sqn |
| Short 2 X 4 X 9 25 Providing and fixing rolling shutter fabricated from steel laths Rolling shutters 1 X 2 X 2 26 Providing and fixing mildsteel grill work for windows, ventilate including fixtures, necessary welding and painting with one compainting complete. V1 2 X 8 X 0 | 2.10 corsetc. 20 oat s of all 0.60 X 1.00 X | 2.55 y Kilogram/Squa nticorrosive pa | Say 0.9 mm w 1.00 Total Say re Metre as aint and two | 12.00 12.00 12.00 vith lock plate of 10.71 10.71 10.71 10.71 10.71 20.71 10.71 20.71 | Sqm Sqm |
| Short 2 X 4 X 9 25 Providing and fixing rolling shutter fabricated from steel laths Rolling shutters 1 X 2 X 2 26 Providing and fixing mildsteel grill work for windows, ventilate including fixtures, necessary welding and painting with one compainting complete. V1 2 X 8 X 0 V2 2 X 15 X 2 27 Filling in plinth with approved excavated stuff obtained from etc. complete as directed.(Bd. A.10/262) | s of minin 2.10 torsetc. 20 at s of at 0.60 X 1.00 X | 2.55 y Kilogram/Squa nticorrosive pa 0.60 0.60 nental land inc | Say 0.9 mm w 1.00 Total Say re Metre as an int and two | 12.00 12.00 12.00 2.00 2.00 2.00 2.00 2.00 2.07 2.0 | Sqm Sqm Sqm |
| Short 2 X 4 X 9 25 Providing and fixing rolling shutter fabricated from steel laths Rolling shutters 1 X 2 X 2 26 Providing and fixing mildsteel grill work for windows, ventilate including fixtures, necessary welding and painting with one compainting complete. V1 2 X 8 X 0 V2 2 X 15 X | 2.10 corsetc. 20 oat s of all 0.60 X 1.00 X | 2.55 y Kilogram/Squa nticorrosive pa 0.60 0.60 nental land inc | Say 0.9 mm w 1.00 Total Say re Metre as aint and two | 12.00 12.00 12.00 vith lock plate of 10.71 10.71 10.71 10.71 10.71 20.71 10.71 20.71 | Sqm Sqm Sqm Sqm Cum |

| :4- | tem Nos & Description of Items | N | IO.S | | | LENGT | | BREDTH | | DEPTH | | TOTAL | Uni |
|--|---|--|---|--|--|--|-------------|---|---------------|---|---------------------------------------|--|-----------------|
| 116 | em no 5 | 1.00 | | | | 15.44 | | | | -14.44 | | | |
| | | | | | | | | | | | | | |
| Qt | ty received from excavation | | | | | | | | | Total | | 66.22 | |
| | | | | | | | | | | Say | | 66.22 | Cum |
| | | | | | | | | | | | | | |
| 28 Pr | roviding Hard Murum cohesive | non-swelli | ng m | ateria | als i | n plinth i | n la | yers of 20 c | ms | etc. com | plete | as directed. | Cum |
| [| Only compacted thickness is pay | able][Rd.2 | 3/202 | 2 & l | Rd.2 | 8/205]. | | | | | | | |
| M | Iain bldg. | 1 | X | 1 | X | 21.67 | X | 15.28 | X | 0.85 | = | 281.45 | |
| A | pron | | | | | | | | | | | | |
| | ^ | | | | | | | | | Total | | 281.45 | |
| | | | | | | | | | | Say | | 281.45 | Cum |
| | | | | | | | | | | | | | |
| 29 C | compacting the Hard Murum, | cohesive no | n sw | elling | g ma | aterials in | pli | nth upto 200 | m | m loose | with | power roller | Sq |
| | to 10 tonee capacity including | | | • | _ | | | | | | | • | 1 |
| M | fain bldg. | 1 | X | 2 | X | 21.67 | X | 15.28 | | | = | 662.24 | |
| | | | | | | | | | | Total | | 662.24 | |
| | | | | | | | | | | Say | | 662.24 | Sq |
| 30 Pr | roviding & laying stone metal l | ayer of 20 | cm | thick | ness | with 60 | mn | over size n | neta | al 65% aı | nd 4 | 0 | Cum |
| | nm size metal 35% with | | or | sto | ne | chips | spre | eading & | le | eveling | hanc | lpacking | |
| co | omplete.[Rd.22/201,Rd.20/200 &F | Rd.20/205] | | | | | | | | | | | |
| M | Iain bldg. | 1 | X | 1 | X | 21.67 | X | 15.28 | X | 0.20 | = | 66.22 | |
| M | Iain bldg. Inner Periferi | 1 | X | 2 | X | 21.67 | X | 0.60 | X | 0.55 | = | 14.30 | |
| | | 1 | X | 2 | X | 15.28 | X | 0.60 | X | 0.55 | = | 10.08 | |
| | | | | | | | | | | Total | | 90.61 | |
| | | | | | | | | | | Say | | 90.61 | Cum |
| | | | | | | | | | | | | | |
| 31 C | compacting oversize & size n | netal layer | s co | mbin | daly | with po | owei | roler not | less | s than 8 | tor | nes including | Sq |
| ar | rtificial watering & leveling etc. | complete a | s dir | ected | (Ro | 1.35/209) | | | | | | | |
| М | Iain bldg. | 1 | X | 1 | X | 21.67 | X | 15.28 | | | = | 331.12 | |
| | | | | | | | | | | Total | | 331.12 | |
| | | | | | | | | | | Say | | 331.12 | Sq |
| | | | | | | | | | | ~, | | 001112 | ~ 1 |
| 32 Pr | roviding and laying in situ ceme | ent concrete | M20 | 0 wit | h tr | emix trea | tme | nt for 100 m | m | thickness | for f | looring with | Sq |
| | | | | 1 | 37 | 21.65 | X | 15.28 | X | 1.00 | _ | 331.12 | |
| M | Iain bldg. | 1 | X | 1 | X | 21.67 | 2.1 | 15.20 | 71 | 1.00 | _ | | |
| M | Iain bldg. | 1 | X | 1 | A | 21.67 | 21 | 13.20 | Λ | Total | _ | 331.12 | |
| M | Iain bldg. | 1 | X | 1 | A | 21.67 | 21 | 13.20 | Λ | | | 331.12 331.12 | Sq |
| M | fain bldg. | 1 | X | 1 | A | 21.67 | | 13.20 | Λ | Total | | | Sq |
| 33 Pr | roviding treatment of TREMIX | X vaccum | dew | ateri | ng | over prel | aid | cement con | cre | Total Say | | 331.12 | Sq |
| 33 Pr | roviding treatment of TREMIX xing of M.S.Channel formwork a | X vaccum | dew | ateri | ng | over prel | aid | cement con | cre | Total Say | | 331.12 | Î |
| 33 Pr fix vi | roviding treatment of TREMIX xing of M.S.Channel formwork a ibrator and leveling by | X vaccum | dew | ateri | ng and | over prel | aid f do | cement con | cre | Total Say | | 331.12 ace including te by needle | Î |
| 33 Pr fix vil | roviding treatment of TREMIX xing of M.S.Channel formwork a ibrator and leveling by fain Bldg. | X vaccum | dew | ateri | ng | over prel | aid | cement con | cre | Total Say te 1:2:4 ng the co | | 331.12 ace including the by needle 331.12 | Î |
| 33 Pr fix vil | roviding treatment of TREMIX xing of M.S.Channel formwork a ibrator and leveling by | X vaccum as per requ | dew | ateri size | ng and | over prel | aid f do | cement con | cre | Total Say | ncret | 331.12 ace including te by needle | Î |
| 33 Pr fix vil | roviding treatment of TREMIX xing of M.S.Channel formwork a ibrator and leveling by fain Bldg. | X vaccum as per requ | dew | ateri size | ng and | over prel | aid f do | cement con | cre | Total Say te 1:2:4 ng the co | ncret | 331.12 ace including the by needle 331.12 | Î |
| 33 Pr fix vil M Pr | roviding treatment of TREMIX xing of M.S.Channel formwork a librator and leveling by fain Bldg. | X vaccum as per requ | dew ired | ateri size | ng and | over prel placing o | aid f do | cement con owel rod, vib | crei | Total Say te 1:2:4 ng the co Total Say | = | 331.12 ace including the by needle 331.12 331.12 331.12 | Sq |
| 33 Pr fix vil M Pr | roviding treatment of TREMIX xing of M.S.Channel formwork a librator and leveling by fain Bldg. rovision roviding & fixing ISMC 150 w | X vaccum as per requ 1 | dew ired X | ateri | ng and X | over prel placing o | aid of do | cement con owel rod, vib 15.28 dia & 0.50 | cretorati | Total Say te 1:2:4 ng the co Total Say | = | 331.12 ace including to by needle 331.12 331.12 331.12 nuts @ | Sq |
| 33 Pr fix vii M Pr | roviding treatment of TREMIX xing of M.S.Channel formwork a librator and leveling by fain Bldg. rovision roviding & fixing ISMC 150 w or Platforms | X vaccum as per requ | dew ired | ateri size | ng and | over prel placing o | aid f do | cement con owel rod, vib | cretorati | Total Say te 1:2:4 ng the co Total Say | = | 331.12 ace including the by needle 331.12 331.12 331.12 | Sq |
| 33 Pr fix vil M Pr 34 Pr Fe | roviding treatment of TREMIX xing of M.S.Channel formwork a librator and leveling by Main Bldg. rovision roviding & fixing ISMC 150 w or Platforms | X vaccum as per requ 1 | dew ired X | ateri | ng and X | over prel placing o | aid of do | cement con owel rod, vib 15.28 dia & 0.50 | cretorati | Total Say te 1:2:4 ng the co Total Say | = | 331.12 ace including to by needle 331.12 331.12 331.12 nuts @ | Sq |
| 33 Pr fix vil M Pr 34 Pr Fc @ | roviding treatment of TREMIX xing of M.S.Channel formwork a ibrator and leveling by Main Bldg. rovision roviding & fixing ISMC 150 w or Platforms 2 12.10 kg/m loddfasts 20 mm dia | X vaccum as per requ 1 | dew ired X | ateri | ng and X | over prel placing o | aid of do | cement con owel rod, vib 15.28 dia & 0.50 | m Kg | Total Say te 1:2:4 ng the co Total Say | = | 331.12 ace including to by needle 331.12 331.12 331.12 nuts @ | Sq |
| 33 Pr fix vil M Pr 34 Pr Fe | roviding treatment of TREMIX xing of M.S.Channel formwork a librator and leveling by Main Bldg. rovision roviding & fixing ISMC 150 w or Platforms | X vaccum as per requ 1 ith weight 2 | dew ired X | ateri size 1 6.80 1 | ng and X Kgs/ | over prel placing of 21.67 Rmt 20 placing 8.70 | aid of do | cement con owel rod, vib 15.28 dia & 0.50 16.80 | m Kg | Total Say te 1:2:4 ng the co Total Say long bolt /M. | = = = = = = = = = = = = = = = = = = = | 331.12 ace including the by needle 331.12 331.12 nuts @ 292.32 | Sq |
| 33 Pr fix vil M Pr 34 Pr (@ | roviding treatment of TREMIX xing of M.S.Channel formwork a ibrator and leveling by Main Bldg. rovision roviding & fixing ISMC 150 w or Platforms 2 12.10 kg/m loddfasts 20 mm dia | X vaccum as per requ 1 ith weight 2 | dew ired X | ateri size 1 6.80 1 | ng and X Kgs/ | over prel placing of 21.67 Rmt 20 placing 8.70 | aid of do | cement con owel rod, vib 15.28 dia & 0.50 16.80 | m Kg | Total Say te 1:2:4 ng the co Total Say long bolt /M. | = = = = = = = = = = = = = = = = = = = | 331.12 ace including the by needle 331.12 331.12 nuts @ 292.32 | Sq |
| 33 Pr fiz vii M Pr 34 Pr Fc @ Hd @ | roviding treatment of TREMIX xing of M.S.Channel formwork a thrator and leveling by Main Bldg. rovision roviding & fixing ISMC 150 w or Platforms 2 12.10 kg/m foldfasts 20 mm dia 2 2.50 kg/m | X vaccum as per requ 1 ith weight 2 | dew ired X | ateri size 1 6.80 1 | ng and X Kgs/ | over prel placing of 21.67 Rmt 20 placing 8.70 | aid of do | cement con owel rod, vib 15.28 dia & 0.50 16.80 | m Kg | Total Say te 1:2:4 ng the co Total Say long bolt /M. | = = = = = | 331.12 ace including the by needle 331.12 331.12 331.12 nuts @ 292.32 | Sq |
| 33 Pr fiz vii M Pr 34 Pr Fc @ Hd @ | roviding treatment of TREMIY xing of M.S.Channel formwork a ibrator and leveling by Main Bldg. rovision roviding & fixing ISMC 150 w or Platforms 20 12.10 kg/m foldfasts 20 mm dia 20 2.50 kg/m 50x50x6 mm for fire bucket. | X vaccum as per requ 1 ith weight 2 | dew ired X | ateri size 1 6.80 1 | ng and X Kgs/ | over prel placing of 21.67 Rmt 20 placing 8.70 | aid of do | cement con owel rod, vib 15.28 dia & 0.50 16.80 | m Kg | Total Say te 1:2:4 ng the co Total Say long bolt /M. | = = = = = | 331.12 ace including the by needle 331.12 331.12 331.12 nuts @ 292.32 180.00 | Sq Sq M' |
| 33 Pr fix vil M Pr 34 Pr Fc @ HH @ L.5. @ | roviding treatment of TREMIY xing of M.S.Channel formwork a ibrator and leveling by Main Bldg. rovision roviding & fixing ISMC 150 w or Platforms 20 12.10 kg/m foldfasts 20 mm dia 20 2.50 kg/m 50x50x6 mm for fire bucket. | X vaccum as per requ 1 ith weight 2 | dew X @ 14 X | ateri size 1 6.80 1 6 | ng and X Kgs/ | over prel placing of 21.67 21.67 | aid of do | dia & 0.50 16.80 | m Kg | Total Say te 1:2:4 ng the co Total Say long bolt //M. Total Say | = = = = = | 331.12 ace including the by needle 331.12 331.12 331.12 nuts @ 292.32 180.00 180.00 652.32 0.65 | Sq Sq M' |
| 33 Pr fix vii M Pr 34 Pr Fc @ He @ 35 Pr | roviding treatment of TREMIY xing of M.S.Channel formwork a librator and leveling by Main Bldg. rovision roviding & fixing ISMC 150 w or Platforms 12.10 kg/m loldfasts 20 mm dia 2.50 kg/m 50x50x6 mm for fire bucket. | X vaccum as per requ 1 ith weight 2 | dew X @ 14 X | ateri size 1 6.80 1 6 | ng and X Kgs/ | over prel placing of 21.67 21.67 | aid of do | dia & 0.50 16.80 | m Kg | Total Say te 1:2:4 ng the co Total Say long bolt //M. Total Say | = = = = = | 331.12 ace including the by needle 331.12 331.12 331.12 nuts @ 292.32 180.00 180.00 652.32 0.65 | Sq Sq M' |
| 33 Pr fix vii M Pr 34 Pr Fc @ He @ 35 Pr | roviding treatment of TREMIX xing of M.S.Channel formwork a librator and leveling by fain Bldg. rovision roviding & fixing ISMC 150 w or Platforms 2 12.10 kg/m foldfasts 20 mm dia 2 2.50 kg/m 50x50x6 mm for fire bucket. 4 4.50 kg/m roviding & Fixing in position M | X vaccum as per requ 1 ith weight 2 20 | dew ired X | ateri size 1 6.80 1 6 6 | ng and X | over prel placing of 21.67 Rmt 20 n 8.70 0.60 | aid of do | dia & 0.50 16.80 | m Kg | Total Say te 1:2:4 ng the co Total Say long bolt //M. Total Say | s & = | 331.12 ace including to by needle 331.12 331.12 331.12 nuts @ 292.32 180.00 180.00 652.32 0.65 es for rails | Sq Sq M' |
| 33 Pr fix vii M Pr 34 Pr Fc @ He @ 35 Pr | roviding treatment of TREMIX xing of M.S.Channel formwork a librator and leveling by fain Bldg. rovision roviding & fixing ISMC 150 w or Platforms 2 12.10 kg/m foldfasts 20 mm dia 2 2.50 kg/m 50x50x6 mm for fire bucket. 4 4.50 kg/m roviding & Fixing in position M | X vaccum as per requ 1 ith weight 2 20 | dew ired X | ateri size 1 6.80 1 6 6 | ng and X | over prel placing of 21.67 Rmt 20 n 8.70 0.60 | aid of do | dia & 0.50 16.80 | m Kg | Total Say Total Say Total Say long bolt //M. Total Say mm two | s & = | 331.12 ace including to by needle 331.12 331.12 331.12 nuts @ 292.32 180.00 180.00 652.32 0.65 tes for rails 8.00 | Sq Sq M' |
| 33 Pr fix viii M Pr 34 Pr Fe @ | roviding treatment of TREMIX xing of M.S.Channel formwork a librator and leveling by fain Bldg. rovision roviding & fixing ISMC 150 w or Platforms 2 12.10 kg/m foldfasts 20 mm dia 2 2.50 kg/m 50x50x6 mm for fire bucket. 4 4.50 kg/m roviding & Fixing in position M | x vaccum as per requ 1 ith weight 2 20 I.S. ladder | dew X X X Of 4 X | ateri size 1 6.80 1 6 1 1 1 1 1 1 1 1 1 1 1 | mg and X X X X X X X X X X X X X X X X X X X | over prel placing of 21.67 Rmt 20 1 8.70 0.60 idth made 8.00 | aid of do | cement con owel rod, vib 15.28 dia & 0.50 16.80 2.50 | m Kg Kg | Total Say Total Say Total Say long bolt //M. Total Say mm two Total Say | = = = = angl | 331.12 ace including te by needle 331.12 331.12 331.12 nuts @ 292.32 180.00 180.00 652.32 0.65 tes for rails 8.00 8.00 8.00 8.00 | Sq Sq M' M' RMT |
| 33 Pr fix viii M Pr 34 Pr 60 @ | roviding treatment of TREMIX xing of M.S.Channel formwork a librator and leveling by Main Bldg. rovision roviding & fixing ISMC 150 w or Platforms 20 12.10 kg/m foldfasts 20 mm dia 20 2.50 kg/m 50x50x6 mm for fire bucket. 20 4.50 kg/m roviding & Fixing in position M. rovision | x vaccum as per requ 1 ith weight 2 20 I.S. ladder | dew X X X Of 4 X | 1 | mg and X X X X X X X X X X X X X X X X X X X | over prel placing of 21.67 Rmt 20 1 8.70 0.60 idth made 8.00 | aid of do | cement con owel rod, vib 15.28 dia & 0.50 16.80 2.50 | m Kg Kg | Total Say Total Say Total Say long bolt //M. Total Say mm two Total Say | = = = = angl | 331.12 ace including te by needle 331.12 331.12 331.12 nuts @ 292.32 180.00 180.00 652.32 0.65 tes for rails 8.00 8.00 8.00 8.00 | Sq |
| 33 Pr fix vil M Pr 34 Pr 60 @ 15 @ 60 Pr Pr 50 Fc 60 Pr 50 P | roviding treatment of TREMIX xing of M.S.Channel formwork a librator and leveling by Main Bldg. rovision roviding & fixing ISMC 150 w or Platforms 2 12.10 kg/m foldfasts 20 mm dia 2 2.50 kg/m 50x50x6 mm for fire bucket. 2 4.50 kg/m roviding & Fixing in position M rovision | X vaccum as per requ 1 ith weight 2 20 I.S. ladder 1 | dew irred X X X X X X X X X X X X X X X X X X X | 1 | ng and X X X X X X X X X X X X X X X X X X X | over prel placing of 21.67 Rmt 20 1 8.70 0.60 idth made 8.00 | aid of do | cement con owel rod, vib 15.28 dia & 0.50 16.80 2.50 | m Kg Kg | Total Say Total Say Total Say long bolt //M. Total Say mm two Total Say | = = = = angl | 331.12 ace including te by needle 331.12 331.12 nuts @ 292.32 180.00 180.00 652.32 0.65 les for rails 8.00 8.00 8.00 of tubular | Sq Sq Mr Mr RMT |

| | Item Nos & Description of Items | N | O.S | | | LENGT | | BREDTH | | DEPTH | | TOTAL | Uni |
|----|--------------------------------------|---------------|--------|-------|------|-------------|----------|----------------|----------|------------|----------|---------------|------|
| | | | | | | | | | | | | | |
| 37 | Conveying the materials obtained | from excav | ation | incl | udin | g all lifts | , la | ying in layers | s, 1 | | clods | , dressing to | Cum |
| | | | | | | | | | | Total | | 5.00 | |
| | | | | | | | | | | Say | | 5.00 | Cum |
| 38 | Providing pre-constructional Anti- | termite treat | ment | as p | er l | I.S. 6313 | (Pa | rt-II) - 1973 | by | treating | the to | op surface of | Sqn |
| | Main Bldg. | 1 | X | 1 | X | 21.30 | X | 8.19 | | | = | 174.45 | |
| | | | | | | | | | | Total | = | 1.00 | |
| | | | | | | | | | | Say | = | 1.00 | Sqn |
| 30 | Providing and fixing in position | nowder coet | od o | lumin | ium | louvorad | wi | ndowe / vont | ilat | or of vor | ioue | eizoe with | Sqr |
| 37 | V1 | 2 | X | 8 | X | 0.60 | X | 0.60 | mai | or or var | = | 5.76 | Sqi |
| | V2 | 2 | X | 15 | X | 1.00 | X | 0.60 | | | = | 18.00 | |
| | | | | | | | | | | Total | | 23.76 | |
| | | | | | | | | | | Say | | 23.80 | Sqr |
| | Part - B :- PEB work | | | | | | | | | | | | |
| 1 | Above Plinth PEB Structure - provide | ling & errect | ting F | PEB s | truc | ture with 2 | Zinc | calume sheets | eto | c.complete | <u> </u> | | Sq.M |
| | | 1 | X | 1 | X | 21.67 | X | 15.28 | | | = | 331.118 | |
| | | | | | | | | | | Total | = | 331.118 | |
| | | | | | | | | | | Say | = | 332 | Sq.M |
| | | | | | | | | | | | | | |
| 2 | Turbo ventilator 24" | | | | | | | | | | | | Nos |
| | | 2 | X | 3 | | | | | | | = | 6.00 | |
| | | | + | 1 | 1 | | t | | — | | | | |
| | | | | | | | | | | Total | = | 6.00 | |

Sub Work III :- Royalty Charges

| Item | | Executed | Quantit | y of Material for | Royalty Cu. | M | | | | | | |
|-------|--|----------|---------|-------------------|-------------|--------------|-------|----------|-----------|----------|--------|----------|
| . No. | Item No & Description of item | Quantity | Cement | in bags | SAND | Quantit y | METAL | Quantity | MURU M | Quantity | RUBBLE | Quantity |
| | Sub Work :-I Const. of 600 MT WH Bldg. | | | | | | | | | | | |
| 11 | Providing second class Burnt Brick | 23 | 1.58 | 36.58 | 0.32 | 7.409 | | | | | | |
| 19 | Providing second class Burnt Brick | 4 | 1.58 | 6.14 | 0.32 | 1.244 | | | | | | |
| 21 | Providing sand faced plaster externally in | 320 | 0.17 | 54.39 | 0.03 | 9.598 | | | | | | |
| 23 | Providing internal cement plaster 12 mm | 231 | 0.17 | 39.29 | 0.03 | 6.933 | | | | | | |
| 24 | Providing internal cement plaster 20mm | 67 | 0.22 | 14.63 | 0.03 | 1.995 | | | | | | |
| 31 | Providing Hard Murum cohesive non- | 281 | | | | | | | 1.20 | 337.740 | | |
| 33 | Providing & laying stone metal layer of 20 | 91 | | | | | 1.32 | 119.606 | | | | |
| | | | Total | 151 | | 27.179 | | 119.606 | | 337.740 | | 0.000 |

Royalty Charges Recovery Statements

| Sr. No | Particular | Requar Quantity in Cum | Requar Quantity in Brass | Royal ty | Surchar ge | Distt. Mineral Founda tion Cess | | | Charges @ D&144.160 |
|-----------|-------------------|------------------------------|-----------------------------|-------------|---------------|--|---------|--------|------------------------|
| | | | 2.83 | | 2% | 10% | | 237.18 | |
| 1 | SAND | 27.18 | 27.18 | 211.95 | 4.24 | 21.20 | 237.390 | | 6452.07 |
| 2 | METAL Hand broken | 119.61 | 119.61 | 211.95 | 4.24 | | 216.189 | | 25857.48 |
| 3 | MURUM | 337.74 | 337.74 | 211.95 | 4.24 | | 216.189 | | 73015.66 |
| 4 | RUBBLE | 0.00 | 0.00 | 211.95 | 4.24 | | 216.189 | | 0.00 |
| | | | | | | Total A | mount | 105225 | 105325.21 |

Say Rs. **105325**

Statement Showing the details of requirement of Lab. Tests to be carried out:-

| Sr. No. | Particulars | Quantity | Unit | Tests to be carried out | Nos. of tests | Rate per test | Amount | Remarks |
|------------|------------------|----------|------|---|------------------|------------------|--------|--|
| 1 | Cement | 9 | MT | Fineness, Consistency, Setting Time, Compressive strength, Specific gravity. | 2 | 7540 | 15080 | one tesr per 1000 Bag |
| 2 | Concrete M-20 | | cum | i)Mix Design with all tests on basic materials | - | - | - | One set for mix design |
| | | | | ii)Concrete cube compressive strength | 6 | 1380 | 8280 | Up to 50 Cum 4 & thereafter for each 50 Cum one additional set |
| | | | | iii) Rebound hammer Test | 0 | 250 | 0 | |
| 3 | Bricks | 27 | cum | Water Absorption (Set of 5 Bricks), Compressive strength (Set of 5 Bricks), | 1 | 1900 | 1900 | one test per 50000 Nos. of bricks |
| 4 | Masonry stones | 0 | cum | Crushing value,/ compressive strength, water absorption, Specific Gravity. | 1 | 1750 | 1750 | one test per source |
| 5 | TMT steel bars | 13.52 | M.T. | Yield stress, ultimate tensile stress, elongation, weight per running meter. | 1 | 3200 | 3200 | 1 test per 5.00 M.T. and one for each dia. Of use bar |
| 6 | Sand | 27.18 | cum | Fineness Modulus, silt content. | 1 | 1950 | 1950 | 1 test per source |
| 7 | Murum | 337.74 | cum | i) Gradation | 1 | 600 | 600 | 1 test per 400 Cum. |
| | | | | ii) Atterberg Limit | 1 | 1100 | 1100 | 1 test per 400 Cum. |
| | | | | iii) Moisture content prior to compaction | 1 | 800 | 800 | 1 test per 400 Cum. |
| | | | | iv) Density of compacted layer | 1 | 1000 | 1000 | 1 test per 1000 Sq.m |
| | | | | v) Proctor Test | 1 | 1650 | 1650 | 1 test per 3000 Cum. |
| | | | | 7 | TOTAL | 1 | 37310 | |

RATE ANALYSIS SHEET

Providing Hard Murum cohesive non-swelling materials in plinth in layers of 20 cms etc. complete as directed. [Only compacted thickness is payable][Rd.23/202 &

Consider 1.00 cu m quantity

| 1 - Basic rate 25/383 | 1.00 | 316.00 | 316.00 |
|-------------------------------------|-----------|--------|----------------|
| 2 - Lead Charges | 5.00 | 252.00 | 252.00 |
| 3 - Spreading charges 9 Total Rs | 0.00 | 49.00 | 0.00 568.00 |
| 4 - For compaction 20 % OF | H.M.cost | | |
| Grand total Rs. | | | 575.86 |
| Deduction for stacking charg | es | | |
| I N 3/255 | 1.20 | 0.00 | 0.00 |
| Net Rs | | | 568.00 |
| Therefore rate per cu m will Rs | ll be say | | 568.00 |

Item No Providing & laying stone metal layer of 20 cm thickness with 60 mm over size metal 65% and 40 mm size metal 35% with sand or stone chips spreading & leveling

32.00 P oversize & size metal filling in plinth

Consider 1.00 cu m quantity of 80 mm O.S.metal

| 1 - Basic rate | 1.00 | 885.00 | 885.00 | | | | | |
|---|------|--------|---------|--|--|--|--|--|
| 2 - Lead Charges | 7.00 | 252.20 | 252.20 | | | | | |
| 3 - Spreading charges | 0.00 | 49.00 | 0.00 | | | | | |
| Total Rs | | | 1137.20 | | | | | |
| 4 - Add for compaction 15 % | | | 0.00 | | | | | |
| Grand Total Rs. | | | 1137.20 | | | | | |
| Deduction for stacking charges | | | | | | | | |
| 2./255 | 1.32 | 0.00 | 0.00 | | | | | |
| Net Rs | | | 1137.20 | | | | | |
| Therefore rate per cu m will be say Rs Consider 1.00 cu m quantity of 40 mm O.S.metal | | | | | | | | |
| 1 - Basic rate | 1.00 | 885.00 | 885.00 | | | | | |
| | | | | | | | | |
| lead charges- | 1.00 | 252.20 | 252.20 | | | | | |

| 3 - Spreading charges | 0.00 | 49.00 | 0.00 | |
|--------------------------------|------|---------|---------|--|
| Total Rs | | | 1137.20 | |
| 4 - Add for compaction 15 | | | | |
| Grand Total Rs. | | | 1307.78 | |
| Deduction for stacking charg | es | | | |
| 2./255 | 1.32 | 0.00 | 0.00 | |
| Net Rs | | | 1307.78 | |
| Therefore rate per cu m will l | | 1307.78 | 457.72 | |

1196.90 Say Rs 1196.90

Item Providing treatment of TREMIX vaccum dewatering over prelaid cement 35.00 Laying charges for form work, running vibrator,

laying suction matt, dewatering etc.

Consider 1.0 sq m area

| 1 | | | | | | |
|---|------|-------|-------|--------|---------|----------|
| 1 - Market rate as per .q | 1.00 | 55.00 | 50.00 | | | |
| 2 - Transportation charg | 0.00 | 0.83 | 0.00 | 2000.0 | 2406.69 | 0.83 |
| 3- Generator Hire charg | 0.00 | 4.16 | 0.00 | 5.00 | 2000.00 | 10000.00 |
| Total Rs. | | | 50.00 | | | |
| 4. Diesel charges 5 day | 0.00 | 1.88 | 0.00 | 100.00 | 45.24 | 4524.00 |
| 5 - Overheads & contractors pfofit 10 % | | 0.00 | | | | |
| Grand Total Rs. | | | 50.00 | | | |
| Therefore rate per sq m will be say Rs | | 50.00 | | | | |
| | | | | | | |