| Item Number (upto 200 characters) | Item Description | Quantity (only figures) | UNIT (upto 50 characters) | Tender Rate ( Upto 2 Decimals ) | Amount (Upto 2 Decimals) |
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| 1 | Demolition including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.<br>(i) R.C.C. work | 5.00 | Cu.m | 1110.75 | 5553.74 |
| 2 | Demolition of Brick work and stone masonry including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.(ii) In Cement Mortar. | 5.00 | Cu.m | 577.92 | 2889.61 |
| 3 | Demolition of Partation including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.(ii) In Cement Mortar. | 1.00 | Sqmt | 322.80 | 322.80 |
| 4 | Dismentaling tiled of Stone Floor laid in Mortar including stacking of servicable Masterial and disposal of unservicable material with all lead and lifts - Tile Flooring/Dedo | 1.00 | Sqmt | 50.11 | 50.11 |
| 5 | Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil | 99.64 | Cu.m | 123.13 | 12268.30 |
| 6 | Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil | 99.64 | Cu.m | 136.47 | 13597.67 |
| 7 | Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil | 10.00 | Cu.m | 149.65 | 1496.52 |
| 8 | Add extra for Disposing off the excavated stuff of above items for lead of (A) 50 m to 100 | 100.00 | Cu.m | 17.45 | 1745.28 |
| 9 | Filling available excavated earth (excluding rock) in trenches. plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each disposited layer by ramming and watering. | 146.49 | Cu.m | 136.92 | 20057.14 |
| 10 | Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc.complete. | 87.61 | Cu.m | 301.78 | 26437.81 |
| 11 | Boring holes 3.5 m deep in ordinary soil (for cast in situ piles) and getting out the soil and disposal of the surplus excavated soil as directed within a lead of 50 Meter for following diameter of pipes.(ii) 300 mm | 10.00 | Each | 1561.19 | 15611.87 |
| 12 | Extra for under reaming inside the bore Holes for under reamed piles of following Diameter.(ii) 300mm | 10.00 | Each | 664.51 | 6645.09 |
| 13 | Add to or deduct from the rate for Bore Holes of 3.5 m Depth, if bore holes are made deeper or shallower than 3.5M. for Piles of following diameter.(ii) 300 mm | 1.00 | Each | 557.99 | 557.99 |
| 14 | Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil | 1.00 | Cu.m | 212.52 | 212.52 |

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| 15 | Excavation for foundation from 1.5m to 3.0m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil | 1.00 | Cu.m | 295.10 | 295.10 |
| 16 | Providing and Filling Rubble including hand packing and filling intersects with quarry spells complete for all lift and lead | 151.61 | Cu.m | 1075.45 | 163045.27 |
| 17 | Providingand layingcontrolledcement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in(A)Foundations,footings,Base of columns and Mass concrete | 40.50 | Cu.m | 34258.25 | 1387459.15 |
| 18 | Providing and laying in position Ready Mixed M300 grade concrete for reinforced cement conctere work , using cement content as per approved Design Mix manufactured in fully automatic batching plantand transported to site of work in transitmixer for a lead upto 10kms having continuous agitated mixer,manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying,excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer- in- charge.Without FlyAsh(Min. cement level as per latest IS456 shall be maintained) (Cement level 475 kg ) | 425.00 | Cu.m | 5213.52 | 2215745.58 |
| 19 | Providing TMT Bar FE 500D reinforcement for R.C.C.work including bending,binding and placing in position complete upto floor two level | 37500.00 | Kg | 77.29 | 2898195.00 |
| 20 | Extra for additional lift of reinforcing steel for all R.C.C. work above floor two level. (Avg Rate from 2nd Floor to Top Floor) | 1.00 | Kg | 1.05 | 1.05 |
| 21 | Extra foradditional liftof concrete for all R.C.C. work above floor two level excluding cost of reinforcment (Avg Cost) | 1.00 | Cu.m | 39.64 | 39.64 |
| 22 | Providing and laying in position Ready Mixed M250 grade concrete for reinforced cement conctere work , using cement content as per approved Design Mix manufactured in fully automatic batching plantand transported to site of work in transitmixer for a lead upto 10kms having continuous agitated mixer,manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying,excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer- in- charge.Without FlyAsh(Min. cement level as per latest IS456 shall be maintained) (Cement level 475 kg ) | 20.00 | Cu.m | 5021.52 | 100430.36 |

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| 23 | Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc.Height of propping and centering below supporting floor to ceiling not exceeding 4M.and removal of the same for in situ reinforced concrete and plain concrete work in.<br>(A)Foundations Footings Bases of Columns etc.and Mass concrete. | 11.00 | Sqm | 183.73 | 42946.68 |
| 24 | Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4M.and removal of the same for in situ reinforced concrete and plain concretework in.<br>(B)Flat surfaces such as soffits of supspened floors slabs Landing sand the like.<br>(1)Floors etc. upto 200 mm in thickness | 55.60 | Sqm | 268.92 | 317732.05 |
| 25 | Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4M. and removal of the same for in situ reinforced concrete and plain concrete work in. (C) Vertical surface such as walls (any thickness) partitions and the like including attached buttresses & string course & the like. | 100.00 | Sqm | 245.54 | 24554.11 |
| 26 | Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4M. and removal of the same for in situ reinforced concrete and plain concrete work in. (G) Columns Pillars Posts and struts.<br>(1) Square Rectangular Polygonal in plan | 30.40 | Sqm | 320.70 | 207169.10 |
| 27 | Providing formwork ofordinary timber planking so as to give a rough finish including centering shuttering strutting andpropping etc. height of propping and centering below supporting floor to ceiling not exceeding 4M.and removal of the same for in situ reinforced concrete and plain concrete work in. (H) (1) Sides and soffits of Beams Beam Haunchings cantilevers Girders Bressumers and Lintels not exceeding 1M.in Depth | 60.40 | Sqm | 207.12 | 265839.42 |
| 28 | Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4M. and removal of the same for in situ reinforced concrete and plain concrete work in.(I) Edges of slabs and Breaksin floors and walls. | 8.20 | Sqm | 73.67 | 12836.89 |
| 29 | Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4M. and removal of the same for in situ reinforced concrete and plain concretework in. (M) Staircase with sloping or stepped soffits including risers and stringers<br>excluding landing. | 3.60 | Sqm | 260.57 | 19933.60 |

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| 30 | Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth inCement Mortar 1:5. (1- Cement : 5-fine sand)<br>(B) Conventional | 110.69 | Cu.m | 4245.09 | 469902.28 |
| 31 | Extra for brickwork in superstructure above plinth level upto floor two level<br>(B) Conventional | 100.28 | Cu.m | 288.72 | 28952.70 |
| 32 | Extra for brickwork in superstructure above floor two level Item No. 1(6.12)<br>(B) Conventional | 1.00 | Per Floor Per Cu.m | 42.43 | 42.43 |
| 33 | (i) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1 Cement : 4-coarse sand ) in foundation and plinth<br>(B) Conventional | 10.00 | Sqm | 629.84 | 6298.36 |
| 34 | Extra for half brickmasonry in superstructure above plinth level upto floor two level.<br>(B)Conventional | 112.00 | Sqm | 55.99 | 6271.37 |
| 35 | Extra for half brickmasonry in superstructure above floor two level.<br>(B) Conventional | 1.00 | Sqm | 6.30 | 6.30 |
| 36 | Providing 10mm thick cement plaster in single coat on brick/concretewalls for interior plastering upto floor two level and finished even and smooth in<br>(ii) Cement mortar 1:4 (1-cement :4-sand) | 356.88 | Sqm | 133.14 | 47514.49 |
| 37 | Providing 15mm thick cement plaster in single coat on Rough(Similar)side of single or halfbrick walls for interior plastering upto floor two level and finished even and smooth in<br>(ii) Cement mortar 1:4 (1-cement :4-sand) | 485.00 | Sqm | 177.05 | 85870.71 |
| 38 | Providing 20mm thick double coat mala cement plaster on interior brick / concrete work for plastering comprising of base coat of 12mm thick cement plaster in cement mortar (1Cement : 4 coarse sand) in rough finishing and 8mm thick top<br>coat of cement mortar 1:2(1Cement :2Coarse sand) finished with trovel including scaffolding curing etc. complete. | 475.00 | Sqm | 286.10 | 135898.78 |
| 39 | Extraover items for interior plastering above floor two level for every additional storey height.<br>(1) Single coat plaster | 10.00 | Sqm x no of Floor | 24.56 | 245.63 |
| 40 | Extraover items for plastering above floor two level for every additional storey height.<br>(1) Double coat plaster | 10.00 | Sqm x no of Floor | 28.06 | 280.58 |
| 41 | Providing and fixing 60mm diameter back up rod having minimum density 22kg per cum(ASTMD 3575 & compression strength of 0.40 kg per sqm (ASTM- 5249) and finishing with polysulphide sealantetc.complete.For 50mm wide expansion joint | 1.00 | Rmt | 53.30 | 53.30 |

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| 42 | Providing and Fixing rebar of following diameter using chemical Grout of Swanchore/Hilti/Fischers or Equivalent Make Including cost of all equipment, tools, materials, labours etc. , Standard Procedure as mentioned in manufactures Specificiations shall be strictly followed , Which shall be sumbmitted and got apporved from the authority prior to start of work. The Rate shall also include cost of drilling of hole of required diameter and depth as mentioneed in manufacturer's specification, cleaning the hole with required air blower and other necesary tools and tackles, positioning, provideing and grouting chemical, allied fixture and fastners etc. but excliding the cost of reinforcing bars etc. complete item includes necessart scaffolding, staging, labour, tools and eqvupments etc. complete as directed by the Engineer in charges<br>a.8mm | 1.00 | Nos | 80.80 | 80.80 |
| | 10mm | 1.00 | Nos | 90.90 | 90.90 |
| | 12mm | 1.00 | Nos | 126.25 | 126.25 |
| | 16mm | 1.00 | Nos | 191.90 | 191.90 |
| 43 | Providing and laying in foundation and plinth /under floors lime concrete with hand broken stone aggregates 40mm nominal size and 40% mortar comprising of 1-Lime putty : 2-Fine sand<br>and curing complete excluding cost of formwork | 10.00 | Cu.m | 2981.09 | 29810.86 |
| 44 | Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with<br>the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.<br>Size of Tiles: 600 x 1200 - Basic Rate 476 Rs/Sqmt | 1.00 | Sqmt | 1592.92 | 1592.92 |
| 45 | P & L 24" x 24" vitrified 8 mm thick tile flooring over 20mm (average) base of cement mortar 1:6 ( 1 cement: 6 coarse sand) on new surface or fixing on existingflooring by adhesive material including dismentaling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the<br>surface etc. complete for light shade | 530.00 | Sqmt | 1092.37 | 578953.72 |
| 46 | Providing and laying Vitrified tiles 8 to 10 mm thick , 24'' x 24'' in skrting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and<br>jointed with white cement slurry | 240.00 | Sqmt | 1135.75 | 272578.80 |
| 47 | Providing and laying Vitrified tiles 8 to 10 mm thick , 24'' x 24'' in skrting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3coarse sand) and jointed with white cement slurry(Basic Rate 366/Sqmt) - Skirting | 30.00 | Sqm | 1135.75 | 34072.35 |

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| 48 | Providing and laying granite Slab 18mm Thick in Flooring, Treads of Steps and landing laid on bed of 20mm Thick cement mortar 1:6 (1 Cement : 6 Coarse Sand) or Lime Mortar 1: 1.5 Laid and finished with flush Pointing in white or colour cement including rubbing and Polishing complete. Basic Rate Rs1590/Sqmt | 50.00 | Sqm | 2428.04 | 121402.00 |
| 49 | Constructing a cooking platform 60 cm. width and 70 cm high resting on B.B.Masonry walls 23 cm.thick in C.M.(1:6) with (ii) Fixing black kadappa stone 30mm thick laid on precast R.C.C. (1:2:4) slab with plastering on exposed faces of wall in C.M. (1:4) etc complete. | 1.00 | Rmt | 2668.09 | 2668.09 |
| 50 | Providing and laying granite slab 18mm Thick in Window-Door Seal frame etc Laid on 10mm thick Cement mortar 1:4 (1 Cement: 4 Coarse sand) and finished with flush pointing in white or colour cement including rubbing and polising Comp. (Basic Rate Rs 1200/Sqmt) | 72.00 | Sqm | 2046.26 | 147330.72 |
| 51 | Providing and fixing of 35mm Thick Flush Door solid Double Core type both face waterproof ply Vennered and 1.5mm thick laminate shall be pasted on both side with adhesive as specifed by the manufacturees. The Laminate shall be as per approved shade and texture of make incl. Sal wood frame of finished size 12cm x 7cm Inc. SS hinges with nessary scerew and Anodixed aluminum fixtures and fastening for all Floor | 7.00 | Sqm | 3757.20 | 26300.40 |
| 52 | Providing and fixing of 35mm Thick Flush Door solid Double Core type both face waterproof ply Vennered and 1.5mm thick laminate shall be pasted on both side with adhesive as specifed by the manufacturees. The Laminate shall be as per approved shade and texture of make incl. Sal wood frame of finished size 12cm x 7cm Inc. SS hinges with nessary scerew and Anodixed aluminum fixtures and fastening for all Floor - Without Frames | 35.00 | Sqm | 2545.20 | 89082.00 |
| 53 | Providing and fixing of 35mm Thick Flush Door solid Double Core type both face waterproof ply Vennered and 1.5mm thick laminate shall be pasted on one side with adhesive and ACP on Other Side as specifed by the manufacturees. The Laminate shall be as per approved shade and texture of make incl. Sal wood frame of finished size 12cm x 7cm Inc. SS hinges with nessary scerew and Anodixed aluminum fixtures and fastening for all Floor - Without Frames | 6.00 | Sqm | 2323.00 | 13938.00 |
| 54 | Providing and fixing 35mm Dia SS Pipe Rod Support at 1 mtr c/c with Top Railing of 50mm Dia Top Bar complete in all aspects | 25.00 | Rmt | 2204.77 | 55119.21 |
| 55 | Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10 sqm | 1000.00 | Sqmt | 195.64 | 195637.00 |
| 56 | Extra over for painting of approved brand on ceilings and sloping roofs. | 530.00 | Sqmt | 5.69 | 3013.74 |

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| 57 | Finishing walls with Textured exterior paints of required shade: New Work(Two or More Coats applied @3.27 ltr/10 Sqm) over and included priming coat of exterior primer applied @2.2 kg/10 Sqm | 500.00 | Sqmt | 228.09 | 114047.18 |
| 58 | Providing and fixing of 18mm Granite shevlves fixed on Wall with dhar polish and complete in all aspects with all lift and lead | 5.00 | Sqmt | 1515.00 | 7575.00 |
| 59 | Providing and fixing of 35mm x 35mm Alumnium Box fins with Gapping of 35mm fixed with side support with all lift and lead complete at all level for covering the ducts from outside | 20.00 | Sqmt | 2391.76 | 47835.22 |
| 60 | Providing and fixing window having extruded aluminumColour anodized section frame main outer size127mmx 38.10mmx 1.35mm@wt.1.384kg/m, horizontal Four track member size 122.20mm x 31.75mm x 1.10mm@wt 1.205 kg/m, vertical member of size 122.20mm x 31.75mmx1.50mm@1.398 kg/mt with sliding shutters of horizontal member size 40mmx18mm x1.29mm@0.456kg/mt , vertical member of size 40mmx18mmx1.29mm@ 0.456kg/mt with 5mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window. | 40.00 | Sqm | 2140.33 | 85613.26 |
| 61 | Providing and laying intergral cement based water proofing treatemnt including prepartation of surface as requrird for treatment of roof, balcony, terrace etc. consisting of following operations<br>(a) Apply and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conformint to IS 2645 over the RCC slab including cleaining the surfae before treatemnt<br>(b) laying cement concrete using broken brickbats 25mm to 100mm size with 50% of cement mortoar 1:5 admixed with water proofing compound conforming to IS2645 brickbats is finally covered by jointless cement plaster 20mm thick in CM 1:4 added with special waterproofing compound to IS 2645 and top smooth finished with trowel wiht false chequered marking of 300 mm size. The Tratement is carried along the vertical surface of the paraper and other adjoinning wall upto ht of about 300mm in a shape of quater round vata incl. curing etc. complete with avg. thickness of 120mm and mininmum thickness at khurra as 65mm<br>(c) the whole terrace so finished shall be flooded with water for a min. period of two weeks of curing and for final test. all above orpertion to be down in order as directed and specified by the EIC with Avg. thickness of 120mm and min. thickness at khurra as 65mm | 450.00 | Sqm | 516.11 | 232249.50 |
| 62 | Providing and laying Granite slab 18mm Thick in flooring, Treads of Steps and landing laid on bed of 20mm Thick cement mortar 1:6 (1 Cement : 6 Coarse Sand) or Lime Mortar 1: 1.5 Laid and finished with flush Pointing in white or colour cement including rubbing and polishing complete (Basic Rate: - Rs1590/SM | 15.00 | Sqmt | 2428.04 | 36420.60 |

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| 63 | Providing and laying Granite slab 18mm Thick in skirting, riser or steps laid on 10mm thick cement cement mortar 1:6 (1 Cement : 6 Coarse Sand) or Lime Mortar 1: 1.5 Laid and finished with flush Pointing in white or colour cement including rubbing and polishing complete (Basic Rate: - Rs1590/SM | 15.00 | Sqmt | 2470.46 | 37056.90 |
| 64 | Providing and Fixing of MS Structure Fabricated with Standard Section (MS Channel - Angle) including welding, cutting, drilling, etc. Comp. with fasteneers and U Bolts etc. Completed UOM price oer KG Make - Jindal/Asian | 125.00 | KG | 122.41 | 15301.50 |
| 65 | Providing corrugated G.I. sheet of class-3 roofing fixed with glavanished iron J or L Hooks, Bolts and nuts 8mm diameter with bitumen and G.I. limpet washer or G.I. limpet washer. filled with white lead complete excluding the cost of purlins, Rafters and Trusses.(1) 0.80 mm thick sheet. | 1.00 | Sqmt | 734.19 | 734.19 |
| 66 | Point wiring for Light / Bell with 2-1.5 sq.mm & earth wire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multi strand copper wires up to 10 mtr length , in below type of pipe erected with 6A Modular type switch / bell push & accessories and earth continuity of following type, erected on PVC / Metallic/Wooden box, single mounting base frame covered with textured/metallic/white front plate modules erected on / in wall / ceiling as per pipe erected, with necessary Lamp holder/ceiling rose / H.D.Connector as directed.<br>cat.III (j) in existing pipe erected concealed in wall/ceiling complete | 20.00 | Pt. | 375.72 | 7514.40 |
| 67 | Point wiring for Tissino / Modular secondary light point with 2-1.5 sq.mm & earth wire of 1.5 sq.mm (green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multi strand copper wires, in below type of pipe to be erected complete with earth continuity and necessary connection with primary light with accessories erected on Metal / PVC / wooden box covered with 3 mm thick PC(Polycarbonate) / Acrylic sheet for open / concealed wiring. with necessary Lamp holder / ceiling rose / H.D.Connector as directed.<br>(j) in existing pipe erected concealed in wall/ceiling complete | 46.00 | Pt. | 120.19 | 5528.74 |
| 68 | Point wiring for Individual Plug with & earth wire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multi strand copper wires up to 10 mtr length, in below type of pipe erected complete with Modular type switch & 5 pin Plug erected on PVC / Metallic/Wooden box covered with appropriate front plate modules erected on / in wall / ceiling as per pipe erected with following type of accessories.<br>[III] For 16A Plug and 16 amp switch with 2-4 sq.mm Cu. Wire with 2.5 sq.mm ( green) earthing wire from mcb d b board.<br>(e) in existing pipe erected concealed in wall/ceiling complete | 11.00 | Pt. | 668.62 | 7354.82 |

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| 69 | Point wiring for on board Looped Plug with 6A Modular type switch & 5 pin socket erected on PVC / Metallic/Wooden box, single mounting base frame covered with textured / metallic/white front plate modules erected on / in wall / ceiling with following type accessories | 20.00 | Pt. | 241.39 | 4827.80 |
| | (7) Blank Plate Single | 10.00 | Each | 25.25 | 252.50 |
| | (9) 16 Amp. SP one way switch | 11.00 | Each | 180.79 | 1988.69 |
| | (10) 6/16Amp. Universal socket | 11.00 | Each | 199.98 | 2199.78 |
| 70 | Providing and erecting ISI mark Medium class RIGID PVC PIPES of following size complete to be erected on/in wall or ceiling erected with necessary PVC fittings & Junction boxes fixed with adhesive solution & Clamps with following dia of pipes, in approved manner as directed (b) 25 mm | 3500.00 | Mtr | 33.33 | 116655.00 |
| 71 | SETC of PVC Corrugated Flexible Conduit with required nos. of coupling, PVC bushes, Check-nuts etc. complete of following sizes.<br>(2) 25 mm | 20.00 | Mtr | 21.21 | 424.20 |
| 72 | Providing and erecting Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected concealed in /flushed on wall/ceiling, with 1.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size.<br>(E) in existing pipe (b) 2 wire 2.5 sq. mm | 1000.00 | Mtr | 82.82 | 82820.00 |
| 73 | providing and erecting Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected in / on wall / ceiling with 2.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size.<br>(E) in existing pipe (h) 4 wire 6 sq. mm | 450.00 | Mtr | 260.58 | 117261.00 |
| | (i) 4 wire 10 sq. mm (use earth wire of 4 sq.mm ) | 190.00 | Mtr | 425.21 | 80789.90 |
| 74 | SETC of suitable M.S. louver shutter of the Exhaust fan. | 4.00 | Each | 368.65 | 1474.60 |
| 75 | Providing & erecting fresh air fan 250 mm dia with square frame make of ABS body with louvers Cat.II | 4.00 | Each | 1559.44 | 6237.76 |
| 76 | Providing and erecting Approved make Ceiling fan with double ball bearing ISI mark with condenser A.C. 23OV.50 c/s.1200 mm. sweep complete, canopy erected on existing hook or clamp with earthing. [Make shall be approved by Engineer in charge] | 9.00 | Each | 1596.81 | 14371.29 |
| 77 | Supplying and erecting 19 / 20 mm. nominal bore Medium Class M.S. Pipe down rod erected duly painted for fan complete with proper insulation without leakage and earthing. | 100.00 | Mtr | 108.07 | 10807.00 |
| **78** | Providing Fan clamp of 30 x 5 mm flat of required length & 10 mm M.S. Bolt & Nuts erected with necessary hook of 10 mm M.S. Round Bar. | 9.00 | Each | 98.98 | 890.82 |
| **79** | Providing 2.5mm.thick laminated acrylic sheet to cover the fan hook or Fan box. | 9.00 | Each | 18.18 | 163.62 |

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| 80 | Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA/ aluminium die cast powder coated and high U.V. & corrosion resistance with diffuser with company mark/name 160V to 270V, Power Factor more than 0.95, THD < 15%,<br>CCT 3000 K to 6500K,<br>Luminaire efficacy> 85 lumens/watt ,LED<br>LED driver efficiency > 85 %<br>( fitting required LM-79 & LM-80 Certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.)<br>(iv) 22-24 Watts, Surge - 2KV,IP-20, conventional 4 feet (Cat-lll) | 20.00 | Each | 373.70 | 7474.00 |
| | (v) 36-40 Watts, Surge-2 KV, IP-20, conventional 4 feet (Cat-lll) | 46.00 | Each | 535.30 | 24623.80 |
| 81 | Supplying and erecting LED street light / Flood light fittings with High power White LEDs wattage of 3 Watt and above assembled on single MCPCB, efficiency more than 130 lm/w and corrosion free High pressure die cast aluminium housing with smooth finish powder coated and heat sink extruded aluminium with diffuser and Polycarbonate optics/ lenses with company mark/name engraved or embossed 160 to 270 V,Power Factor more than 0.95, THD < 10 %, CCT 3000 K to 5700K,Uniformity ratio >0.45, Luminaire efficacy> 100 lumens/watt . LED driver efficiency > 85 %.( fittings required LM-79 & LM-80 certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.) (iii) above 24 to 36 watts CAT III | 10.00 | Each | 2201.80 | 22018.00 |
| 82 | Providing and erecting Sheet Steel powder coated MCB distribution board - flush / surface mounted fitted with busbar, neutral link, earth bar and DIN rail, Conforms to IS 8623-1 & 3, IEC 61439-1 & 3 without MCB to house appropriate nos. of MCBs.(The DBs should be used of same company of MCB to be used) suitable for<br>(A) single phase incoming and horizontal single phase outgoing<br>(a) Double door (IP-43) (iii) 8 way | 2.00 | Each | 1152.41 | 2304.82 |
| | (B) three phase incoming and single phase horizontal type outgoing Per phase isolation type (PPI)<br>(a) Double door (IP-43) (ii) 6 way | 5.00 | Each | 2272.50 | 11362.50 |

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| **84** | Providing & erecting weather proof, dust & vermin proof, floor mounted front operated outdoor type double door cubical panel board necessary IP-54 and above protection as per approval from engineer incharge made from 14 SWG thick CRC M.S. sheet for outer body & doors, 16 SWG thick CRC M.S.sheet for internal partitions with necessary accesories , supporting angles/ flats channel including cutting, bending, drilling, welding, riveting with internal partitions & cable alley as per requirements & instruction of engineer-in-charge with erection of supplied switch gears, BUSBARS, suitable size of inter connecting PVC copper wire / copper-aluminium strips, rubber grommets, rib, bakelite control fuses/MCB for measuring instruments, earth bus & earth bolts, foundation flange - bolts-base Plates, sufficient nos. of hinged doors, handles with locking arrangement and rubber gasket,heavy duty end terminal connection,danger notice board,necessary ventilation,earthing strip complete. The Panel shall be painted with epoxy powder coating. (The rates excludes the cost of switchgears, bus bars, inter connecting mains & Copper Aluminium strips, meters, Fuses etc. The dimension shall be measured excluding base beams) The panel shall be supplied with following approved manufacturers with following size. (C) The standard companies switch gear shall be used and only manufacturers at CPRI approved factory as per IEC 61439 for beneficial use. (i) with 350mm depth | 3.00 | SQM | 17952.75 | 53858.25 |
| **85** | Providing , erecting , fabricating the M.S. structure as per requirement on site incorporating proper size of M.S. angles,square,round, flats, bars, channels, sections complete with cutting, welding, grinding & finishing duly painted with one coat of red oxide with erection on site as per direction of engineer in charge with necessary grouting, cementing, plastering & finishing complete. | 50.00 | KG | 77.76 | 3888.00 |
| **86** | providing and erecting Mains with ISI marked, 1.5KV grade electrolyte multi stranded, annealed copper conductor with heat resistant PVC insulated conforms to IS 694, IEC - 227 erected in existing pipe of following size (Specifically for control panel, relays, power switchgears, motor starters & control wiring) with required size of copper lugs, nuts and bolts if required.(b) One wire 1.50 sq. mm | 40.00 | Mtr | 17.17 | 686.80 |
| | (i) One wire 35.00 sq. mm | 25.00 | Mtr | 300.98 | 7524.50 |
| | (j) One wire 50.00 sq. mm | 40.00 | Mtr | 470.66 | 18826.40 |
| | (k) One wire 70.00 sq. mm | 20.00 | Mtr | 669.63 | 13392.60 |
| | (l) One wire 95.00 sq. mm | 25.00 | Mtr | 919.10 | 22977.50 |
| | (l) One wire 120.00 sq. mm | 20.00 | Mtr | 1178.67 | 23573.40 |
| **87** | Providing and erecting Approved make Four pole moulded case circuit breaker having breaking capacity ICU of 50 KA and above at 415 V having Normal current rating 400A. with variable Thermal & magnetic release suitable to work on A.C.supply 50 c/s. With all internal connections, spreader tinned copper & complete erected in existing 16 G.M.S. housing. ICS=100% of ICU only Cat III | 1.00 | Each | 25228.79 | 25228.79 |

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| **88** | Providing and erecting Approved make Four pole moulded case circuit breaker having breaking capacity ICU of 35 KA. at 415 V. having normal current rating 125A. with Fixed thermal & magnetic release suitable to work on A.C.supply 50 c/s. with all internal connections, spreader tinned copper & complete erected in existing 16 G.M.S. housing. | 2.00 | Each | 8055.76 | 16111.52 |
| **89** | Providing and erecting following additional parts for panel mounting MCCBs (A)Extended operating rotary handle with pad lock with three position trip,off,on suitable for 25A to 250 A panel mounting cat-III | 2.00 | Each | 873.65 | 1747.30 |
| | (B)Extended operating rotary handle with pad lock with three position trip,off,on suitable for 400A to 630 A panel mounting cat-III | 2.00 | Each | 1310.98 | 2621.96 |
| **90** | Providing and erecting Approved make Earth fault Relay suitable to mount with inter connection suitable to following size of moulded case circuit breaker having CT ratio & MCCB rating as following along with shunt trip 220V AC. with all internal connections & complete erected in existing M.S.housing.. (4) 600 A -800 A , CT Ratio 1/800 | 1.00 | Each | 6056.97 | 6056.97 |
| **91** | Providing and erecting multifunctional meter suitable for application of Power monitoring and showing measurement of following Voltage, Frequency, Apparent energy, Apparent power, Active and reactive energy, Active and reactive power, Average voltage Vavg, Peak demand power PM, QM, SM, Demand power P, Q, S, Apparent power S, S1, S2, S3, Unbalance current, Power factor and displacement PF (signed, four quadrant), Calculated neutral current, Active, reactive, apparent energy (signed, four quadrant), Active power P, P1, P2, P3, Voltage U21, U32, U13, V1, V2, V3, Phase currents, Average current Iag, Peak demand currents, Reactive power Q, Q1, Q2, Q3, Demand current I1, I2, I3, [Us] rated supply voltage 40...300 V AC 45...65 Hz, 40...300 V DC, Network frequency 50 Hz, Type of network 3P, Display type 7 segments LED, Display colour Red, Messages display capacity 3 fields of 4 characters, Display digits 12 digit(s) - 14.2 mm in height | 1.00 | Each | 14123.84 | 14123.84 |
| **92** | Providing and fixing printed instruction chart both in English and Gujarati and duly framed with front glasses, for treatment of person suffering from Electric shock with minimum 50" diagonally size. | 1.00 | Each | 130.29 | 130.29 |
| **93** | Supplying rubber matting of following thickness as per IS:15652/IEC 61111(c)12mm | 2.00 | SQM | 3081.51 | 6163.02 |
| **94** | Supplying stand first AID box with antiseptic cream, medicine for use on wounds due burn, crepe bandage, gauge bandage, medicated ready to use bandage (Band-aid) adhesive tape for medicinal user, Scissors, anti-septic solution (Savlon or similar) etc. (All above contents shall be of standard makes) | 1.00 | Each | 299.97 | 299.97 |

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| **95** | Providing and erecting busbar chamber confirming to IS-375 fabricated from 16 G.M.S. sheet, dust & vermin proof having hinged door with rubber gasket and necessary busbar supports with COPPER busbar having current density not more than 1.6 Amp. / sq.mm (Rated current / cross section area) duly wrapped with colour insulation tape for phase sequence, three phase & neutral each suitable for following current capacity with necessary painting mounted on wall or pedestal frame of required size with necessary connections. (D) Suitable for 400 Amp. capacity | 15.00 | Mtr | 214.12 | 3211.80 |
| **96** | providng and erecting Suitable set of CTS for 100A Energy Meter | 1.00 | Each | 942.33 | 942.33 |
| **97** | providng and erecting Approved make. energy meter 3 phase 4 wire unbalanced load 500 V.50A / 100A complete erected as directed with necessary earth wire. Cat. III | 1.00 | Each | 60.60 | 60.60 |
| **98** | providng and erecting Approved make. Multi meter 3 phase 4 wire unbalanced load 500 V.50A / 100A complete erected as directed with necessary earth wire. Cat. III | 1.00 | Each | 10341.39 | 10341.39 |
| **99** | providng and erecting Approved make. Indiction LED Light complete erected as directed with necessary earth wire. Cat. III | 2.00 | Each | 2105.85 | 4211.70 |
| **100** | Approved make Four pole moulded case circuit breaker having breaking capacity ICU of 25 KA. at 415 V,having normal current rating up to 25 A to 100A. with Fixed thermal & magnetic release suitable to work on A.C. supply 50 c/s. with all internal connections & complete erected in existing 16 G.M.S. housing. | 2.00 | Each | 2611.86 | 5223.72 |
| **101** | Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand Copper conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe at road crossing or floor of following size of cables. (B) 4 core 16 Sq. mm | 200.00 | Mtr | 987.78 | 197556.00 |
| **102** | providing and erecting Miniature circuit breaker single pole 6A to 25A suitable to operate on 240 V A.C. system and having breaking capacity 10 KA to be erected in existing box. confirming to IS 8828/1996 with ISI Mark | 60.00 | Each | 112.11 | 6726.60 |
| **103** | Providing & erecting 415 V MCB Four Pole for Motor & Inductive Load (C Curve) having 10KA breaking capacity & confirms to IS :8828 in existing box having following capacity (b)40 Amp.(Cat.III ) | 12.00 | Each | 668.62 | 8023.44 |
| **104** | Providing & erecting 240 V MCB double pole switch for motor & inductive load (C Curve) having 10 KA breaking capacity & confirms to IS : 8828 in existing box having following capacity (A) 6 to 32 Amp. Cat III. | 3.00 | Each | 281.79 | 845.37 |
| **105** | Providing & erecting 415 V MCB Four Pole for Motor & Inductive Load (C Curve) having 10KA breaking capacity & confirms to IS :8828 in existing box having following capacity (b)63 Amp. Cat. III | 3.00 | Each | 737.30 | 2211.90 |

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| **106** | Providing and erecting Approved make RCCBs conforming to IS: 12640 and having sensitivity of 30 mA and Short Circuit withstand capacity of 10 KA and suitable for operation on single phase 240 V,50Hz. having characteristic of quick action & tripping with all advance feature & do not incorporate any electronic component. for following Max. rating erected as directed<br>(ii) 40Amps. FP Cat. III | 3.00 | Each | 2637.11 | 7911.33 |
| **107** | Providing and erecting Annealed bare Copper wire 8 to 16 SWG. | 20.00 | kg | 794.87 | 15897.40 |
| **108** | Supplying & erecting earth pit of minimum bore dia.150mm size approved make Earthing Electrode consisting Pipe-in-Pipe Technology as per IS 3043-1987 made of corrosion free hot dipped G.I.Pipes having Outer pipe dia of 50mm having 80-200 Micron galvanising, Inner pipe dia of 25 mm having 200-250 Micron galvanising, connection terminal dia of 12mm with constant ohmic value surrounded by highly conductive compound with high charge dissipation suitable for following type of applications with chamber and heavy duty cover.<br>(A)(approved make OEM has to submit test certificate including value of earth resistance of installation duly stamped and signed by agency and officer Incharge has to ensure the value of earthing resistane mentioned in test Certificate) & having back filling compound of (B) Inner chemical (CCM Compound)- Resistivity:- 0.2 ohm / meter testing as per IEC 62561-2017, Voltage drop:- < 1 volt at no load & dry form, Sulphar content:- <2%(C) Back fill Compound :- Earthing compound should be capable to retain moisture for long time Necessary test report must be submitted by Agency.<br>(b)For Electrical installation up to 11 KV in normal soil.<br>Length of Pipe : 2.00 mtrs<br>Back filling Compound :1 no. Bag of 25 Kg. | 10.00 | Each | 5760.03 | 57600.30 |

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| **109** | Supplying & erecting in earthpit of minimum bore dia. 225mm size approved make Safe Earthing Electrode consisting Pipe-in-Pipe Technology as per IS 3043-1987 made of corrosion free hot dipped G.I.Pipes having Outer pipe dia of 80 mm having 80-200 Micron galvanising, Inner pipe dia of 40 mm having 200-250 Micron galvanising, connection terminal dia of 14 mm with constant ohmic value surrounded by highly conductive compound with high charge dissipation suitable for following type of applications with chamber and heavy duty cover (A)(approved make OEM has to submit test certificate including value of earth resistance of installation duly stamped and signed by agency and officer Incharge has to ensure the value of earthing resistane mentioned in test Certificate) & having back filling compound of (B) Inner chemical (CCM Compound)- Resistivity:- 0.2 ohm / meter testing as per IEC 62561-2017, Voltage drop:- < 1 volt at no load & dry form, Sulphar content:- <2%(C) Back fill Compound :- Earthing compound should be capable to retain moisture for long time Necessary test report must be submitted by Agency. [C] For Electrical Installation covering Transformer Neutrals, Lightning arrester Earthing, A.C.Plant & Sensitive Computer System(like Automation, SCADA)i.e. independent Earthing located in other than normal soil i.e. Soft Rock, Marshy Soil etc..<br>-Length of Pipe : 3 Mtrs.<br>-Back filling Compound :2 nos Bags of 25 Kg. | 2.00 | Each | 10593.89 | 21187.78 |
| **111** | Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables (I) 3 1/2 core 240 Sq. mm( 120 Sq. mm 1/2 core) | 60.00 | Mtr | 1168.57 | 70114.20 |
| **112** | Providing and, fixing heavy duty flange type brass double compression type cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables. (H) 3 & 1/2 core 240 Sq. mm | 2.00 | Each | 247.45 | 494.90 |
| **113** | Solder less crimping type Aluminium lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (e) 3.5 core 240 Sq. mm | 6.00 | Each | 24.24 | 145.44 |
| **114** | Making trench in Hard Murrum / Tar Road of suitable width of 90 cm or required depth for laying any size of cable or locating the fault all over the run and back filling the same and making the surface as normal ground. | 25.00 | Mtr | 74.74 | 1868.50 |
| **115** | Providing & laying approved make Double walled corrugated pipes (DWC) of polyethylene(conforming to IS 14930 II )with necessary connecting accessories of same material at required depth in existing trench for laying of cable. below ground / road surface for enclosing cable (C)90 mm outer dia | 25.00 | Mtr | 95.95 | 2398.75 |

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| 116 | Providing and erecting Inverter based approved make split air-conditioning unit consisting of condensing unit with variable speed fan motor, inverter type hermetically sealed rotary compressor with accessories etc. duly connected separately erected evaporating unit and blower motor with its accessories by means of extra supplied proper insulated copper tubing,drain PVC pipes suitable for ( cost includes Eco Friendly green gas charging and 15A plug top & Remote Control ,Outdoor & MS Stand) with necessary core cutting.<br>(C) 2 ton capacity | 1.00 | Each | 51666.55 | 51666.55 |
| | (D) 2.5 ton capacity | 12.00 | Each | 86490.34 | 1037884.08 |
| 117 | Aboveground Pipe Laying.<br>Supply, Fabrication, Installation, Hydro Testing & Painting of Above Ground Pipe.<br>With necessary Pipe Fitments (Flanges, Bands, Socket etc.),<br>MS Support/Clamps/Hangers etc.<br>Hardware (Gaskets, Nut-Bolts, Paint etc.),<br>Consumables (Welding Rod, etc.) and Labour Charge.<br>Quality: GI, C-Class (Heavy).<br>Paint:<br>UOM:-Price Per Running Meter<br>Make: Asian/ Jindal/TATA Size: 100 mm | 80.00 | R.mtr | 1878.60 | 150288.00 |
| | Size: 80 mm | 50.00 | R.mtr | 1602.87 | 80143.50 |
| | Size: 65 mm | 40.00 | R.mtr | 1259.47 | 50378.80 |
| | Size: 50 mm | 40.00 | R.mtr | 1136.25 | 45450.00 |
| | Size: 32 mm | 40.00 | R.mtr | 755.48 | 30219.20 |
| | Size: 25 mm | 80.00 | R.mtr | 456.52 | 36521.60 |
| 118 | Butterfly Valve<br>Supply, Installation and Testing of: Butterfly Valve with necessary pipe fitments, hardware and consumables.<br>MOC:-Body: Cast Iron, Disk: SS, Seat: Nitrile.<br>UOM:-Price Per Each No.<br>Make; ZOLOTO/NORMEX/AUBCO<br>Size: 100 mm | 3.00 | No. | 4060.20 | 12180.60 |
| 119 | Air Release Valve- 25 mm<br>Supply, Installation and Testing of: Air Release Valve Check Valve with necessary pipe fitments, hardware and consumables.<br>MOC:-Body: Gunmetal / SS.<br>UOM:-Price Per Each No.<br>Make; ZOLOTO/NORMEX/AUBCO | 3.00 | No. | 1363.50 | 4090.50 |
| 120 | Pressure Gauge with Siphon Tube and Cock.<br>Supply, Installation and Testing of: Pressure Gauge with Siphon Tube and Cock.<br>MOC:-4” Dial- Glycerin filled- Stainless Steel Body Pressure Gauge with GI Siphon Tube and Brass Cock.<br>Size:-Dial: 4” (100 mm)<br>Range: 0 – 16 Bar (kg/cm2)<br>UOM:-Price Per Unit<br>Make: H Guru, Waree, Micro, Wika | 2.00 | No. | 1767.50 | 3535.00 |

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| 121 | Fire Hydrant Landing Valve (Stainless Steel (SS-304), ISI Marked):<br>Supply, Installation and Testing of: Fire Hydrant Landing Valve with necessary pipe fitments, hardware and consumables.<br>MOC:-Body: Stainless Steel (SS-304), Working Parts: Stainless Steel (SS-304), Coupling: Stainless Steel (SS-304),<br>Standard: -ISI Marked.<br>Size:-63 mm (Flange End: NB 75 mm, PCD 160 mm)<br>UOM:-Price Per Each No.<br>Make: New Age/Essel/Safex | 2.00 | No. | 5843.86 | 11687.72 |
| 122 | Fire Hose Pipe (Delivery Hose)- 63 mm x 15 m<br>Supply, Installation and Testing of: Fire Hose with Hose Couplings.<br>RRL (ISI Mark- Type B) Fire Hose.<br>Hose Couplings: ISI Marked Stainless Steel.<br>With SS Wire Binding.<br>Standard: - ISI Marked & TAC Approved Hose.<br>Size:-63 mm dia x 15m long Hose.<br>UOM:-Price Per Each Set.<br>Make: New Age/Essel/Safex | 2.00 | No. | 6955.87 | 13911.74 |
| 123 | Cabinet For Fire Hose (Hose Box)- Double Type<br>Supply, Installation and Testing of: Fire Hose Cabinet (Hose Box) suitable to accommodate 02 no. of 15 m long fire hoses and 01 no. of nozzle. With Lock-n-key facility.<br>Wall Mounting Design.<br>MOC: 16 Gauge MS Box with Powder Coating<br>Standard: - As per Guidelines.<br>Size:- Suitable for 02 nos. of 15 m long hoses.<br>UOM:-Price Per Each No.<br>Make: New Age/Essel/Safex | 2.00 | No. | 3686.50 | 7373.00 |
| 124 | Fire Hose Nozzle- Short Branch Pipe Nozzle.<br>Supply, Installation and Testing of: Short Branch-pipe Nozzle.<br>MOC: Stainless Steel (SS-304).<br>Standard: ISI Marked, Heavy Quality.<br>Size:- 63 mm X 20 mm<br>UOM:-Price Per Each No.<br>Make: New Age/Essel/Safex | 2.00 | No. | 2979.50 | 5959.00 |
| 125 | Fire Hose Reel Set (ISI)-25 mm x 30 m -Rubber Hose.<br>Supply, Installation and Testing of: Fire Hose Reel Set with necessary pipe fitments, hardware and consumables.<br>MOC:- Stand Mounted,<br>Heavy-duty RUBER hose.<br>Shut-off Nozzle: SS-304.<br>With Control Valve: SS- 50mm Ball Valve.<br>Standard: ISI Marked. Heavy Quality.<br>Size:-25 mm dia x 30 mtr long Hose.<br>UOM:-Price Per Each No.<br>Make: New Age/Essel/Safex | 2.00 | No. | 14934.87 | 29869.74 |

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| 126 | Fire Service In-let (In-let Connection for Fire Brigade)-2 Way Type.<br>Supply, Installation and Testing of: Fire Service Inlet with necessary hardware and consumables.<br>MOC:-Body: Heavy-duty CI.<br>Couplings/NRV: Gunmetal.<br>Standard: -Made As per IS Standard- Heavy duty quality.<br>Size:-Couplings: 63 mm, 100 mm E-table Flange End.<br>UOM:-Price Per Each No.<br>Make: New Age/Essel/Safex | 1.00 | No. | 7663.88 | 7663.88 |
| 127 | Sprinkler Head/ Nozzle.<br>Supply, Installation and Testing of: K 5.6 Pendent type Standard Response Sprinkler rating of 57 deg.C. with required accessories.<br>MOC:-Brass<br>Standard: UL Listed<br>Size:-15 mm (1/2")<br>UOM:-Price Per Each No.<br>Make: Safex/Tyco/ UL Listed | 28.00 | No. | 669.63 | 18749.64 |
| 128 | Sprinkler Drop Pipe:<br>Supply, Installation and Testing of: Sprinkler Drop Pipe with necessary pipe fitments.<br>Standard: UL Listed<br>UOM:-Price Per Each No.<br>Make: Safex/Tyco/ UL Listed | 28.00 | No. | 1456.42 | 40779.76 |
| 129 | Fire Extinguisher- ABC Powder type, 6 kg.<br>Supply, Installation and Testing of: ABC Powder Fire Extinguisher necessary hardware and consumables.<br>Stored Pressure Mechanism.<br>Charged with MAP-50 % (ABC) Dry Powder.<br>With wall mounting clamp.<br>Size:-6 kg Powder.<br>UOM:-Price Per Each No.<br>Make: Kanex/Safex/Minimax | 6.00 | No. | 2191.70 | 13150.20 |
| 130 | Fire Extinguisher- CO2 Gas type, 4.5 kg.<br>Supply, Installation and Testing of: CO2 Gas Fire Extinguisher with necessary hardware and consumables.<br>Standard: - Confirming to IS: 15683-2006 with ISI Mark.<br>Size:-4.5 kg<br>UOM:-Price Per Each No.<br>Make: Kanex/Safex/Minimax | 6.00 | No. | 5555.00 | 33330.00 |
| 131 | Providing & Fixing of FIRE bucket round bottom of 9 liters capacity made out of 24 gauge G.I. sheet with extra handle at bottom duly painted white inside and Red out side with FIRE mark, filled with dry-sand and kept on existing stand provided or hung on wall hook.<br>Make: As per Standard | 4.00 | No. | 214.12 | 856.48 |
| 132 | Providing & Fixing floor mounting stand for keeping four nos. of FIRE buckets comprising 1500 mm in length, 900 mm height frame made out of 30mm X30 mm X 4 mm angle iron with cross supports for legs, welded with 4 hooks and duly painted with one coat of red lead and two coats of approved enameled silver paint.<br>Make: As per Standard | 1.00 | No. | 942.33 | 942.33 |

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| 133 | SETC of AUTOGLO GR Self Maintain Photoluminescent (SWGS) Siganages Tape & Route Marker in 1 mm thick Rigid Sheet ARS 10000 with Strong Self Adhesive , Working temperature -20 to+80'C Life : 10- 15 Years, Weather Proof, Self Extinguising, Non Radioactive, Non Peelable, Non Scratchable,Non Breakable, UV Cured Silk Screen Printed, As Per PSPA Class - A / DIN 67510 Part 2 / 60 Minutes / > 700 mcdl with High Glow Intensity Certified By Government Of India Lab For A Glow Period > 24 Hrs DRDO & ARAI Certified for All require QC test to Confirm As per the IS 9457-2005 ,IS 12349 (To be approved by EIC) the colour Should be RED/GREEN/BLUE/YELLOW with Graphics Symbol in White approved by Local Director of Fire and Emergency services ,Make PROLITE/AUTOLGLO /InstaMARK Approved by Client /Consultant<br>a.Exit Sign<br>Size: 100X300 mm | 2.00 | No. | 565.60 | 1131.20 |
| b | Fire Exit with Man Running left/Rights Arrow Sign<br>Size: 100X300 mm | 2.00 | No. | 565.60 | 1131.20 |
| c | Fire Extinguisher Sign<br>Size: 200X250 mm | 2.00 | No. | 939.30 | 1878.60 |
| d | Fire Alarm Call Point Sign<br>Size: 200X250 mm | 2.00 | No. | 939.30 | 1878.60 |
| e | Fire Hose Reel Sign<br>Size: 200X250 mm | 2.00 | No. | 939.30 | 1878.60 |
| f | Fire Hydrant Sign<br>Size: 100X300 mm | 2.00 | No. | 565.60 | 1131.20 |
| 134 | Supply. installation, testing & commissioning of ISI approved electrical motor driven Main monoblock pump set having 97.2 m3/hr. shall be a horizontally direct mounted motor. Unit shall comprise the following minimum requirements: a) Pump, b) Electric motor II.2, c) foundation bolts, d) Mating flanges with gasket and fasteners. e) Discharge gauges, etc. complete in all respect, with labour, v ith GST.<br>(As per Quotation) | 1.00 | Set | 99775.88 | 99775.88 |
| 135 | Supply, installation, testing & commissioning of Cast iron body NRV conf, to IS: 5312, PN-I .6 complete with mating Flanges/ IS/ ABSI class #150 witty bolts nuts, washers, gaskets 3 mm thic1‹, etc., with all compl eve Accessories (a) 100 mm dia.<br>(As per Quotation) | 3.00 | Nos. | 8029.50 | 24088.50 |
| 136 | Filling Of Gaps Between pipe and Core Cutting Hole with<br>Chemical and Cement (As per Quotation) | 10.00 | Nos. | 454.50 | 4545.00 |
| 137 | Supply, fabrication and erection of Structure MS Material as like Angle, C channel, I Beam Etc.<br>(As per Quotation) | 50.00 | Kg | 151.50 | 7575.00 |
| 138 | Supply, installation and commissioning of Flexible cable for<br>1.5 sq mm x 3 core for pressure switch (As per Quotation) | 50.00 | mtr | 151.50 | 7575.00 |

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| 139 | Supply, installation and commissioning of Copper Armour<br>cable for 10 HP Motor - 4 sq mm x 3 Core (As per Quotation) | 50.00 | mtr | 292.90 | 14645.00 |
| 140 | Supply, installation and commissioning of Copper Armour<br>cable for 30 HP Motor - 6 sq mm x 3 Core (As per Quotation) | 50.00 | Mtr | 383.80 | 19190.00 |
| 141 | Painting with cleaning the surface, applying one coat of primer and two coats of P.O red paint<br>(a) 65 mm dia. and abovw<br>(As per Quotation) | 120.00 | Sq.ft | 50.50 | 6060.00 |
| 142 | Painting with cleaning the surface, applying one coat of primer and two coats of P.O red paint (b) 50 rum dia. and below<br>{As per Quotation) | 120.00 | Sq.ft | 45.45 | 5454.00 |
| 143 | Supply, Installation and commissioning of Fire Alarm Panel<br>Adressable type Fire Alarm Panel (As per Quotation) | 1.00 | Nos. | 106050.00 | 106050.00 |
| 144 | Supply, Installation and commissioning of smoke detectors/<br>heat detectors, with complete accessories. (As per Quotation) | 18.00 | Nos. | 2272.50 | 40905.00 |
| 145 | Supply, Installation and commissioning of Audio Hooters,<br>with complete accessories.<br>(As per quotation) | 1.00 | Nos. | 3888.50 | 3888.50 |
| 146 | Cable (Armour) for fire Alarm system | 300.00 | mtr | 181.80 | 54540.00 |
| 147 | Fire Hydrant Panel suitable for 10 hp Jockey pump, 30 hp<br>(54 m3/hr @ 70 m head) main electrical pump and 50 hp (96 m3/lir @ 70 m Head) Diesel engine operated pump A)Incomer : MCCB - 1 Nos, R Y B Indication - 1 Set, Vaf Digital Meter - I Set. B) Outgoing : FI 30 HP Star Delta Starter - l For Main pump, F2 10 HP DOL, Starter - 1 For Jockey Pump, 13 Auto - On/ Off Diesel Pump With Battery Charger, Control Circuit With Auto - Manual On/Off, On/Off Trip Indication, On/Off Push Button. C) Fabrication : Dully Powder Coated PO Red Colour, Fabricated From 14/16 SWG, GI Sheet, IP-42 Protection,-Fixed Type Floor Mounted, Cable Entry : Bottom (As per.Quotation) | 1.00 | Nos. | 95950.00 | 95950.00 |
| 148 | Providing and fixing wash down water closet (European type, W.C. Pan) with integral P or S trap including jointing the trap with soil pipe in Cement Mortar 1:1 (1-Cement : 1-fine sand) (Seal and cover to be measured and paid for separately)<br>(A) vitreous China Pattern :(i) in white colour | 6.00 | Each | 1303.71 | 7822.25 |
| 149 | Providing and fixing plastic seat and cover for wash down water closer with C.P. brass hinges and rubber buffers.<br>(B) Black plastic seal and cover. | 6.00 | Each | 291.33 | 1748.01 |

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| 150 | Providing and fixing washbasin with single hole for pillar tap with C.I. or M.S. brackets painted white including sutting holes and making good the same but excluding fittings.<br>(A) Vitreous China:<br>(ii) Flat Back washbasin 550 mm x v 400mm size. (i) In white colour. | 5.00 | Each | 1508.03 | 7540.16 |
| 151 | Providing and fixing Urinal of approved quality including connection with trap and with integral longitudinal flush pipe.(A) Squating plate pattern<br>white earthenware 550mm x 300mm. | 5.00 | Each | 1550.99 | 7754.93 |
| 152 | Providing and fixing C.P. brass waste for washbasin or sink.<br>(B) 50mm dia. | 5.00 | Each | 89.83 | 449.15 |
| 153 | Providing and fixing Rubber plug for sink or wash basin. | 5.00 | Each | 17.15 | 85.75 |
| 154 | Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.<br>(iii) 32mm dia. | 6.00 | Each | 275.76 | 1654.56 |
| 155 | Providing and fixing screw down bib taps of following size.(B) Brass chromium plated screws down Bib Tap.<br>(i) 15mm dia. | 6.00 | Each | 186.83 | 1120.98 |
| 156 | Providing and fixing pillar tap, capstan head, screw down high pressure with screws, shanks and back nuts.<br>(i) 15mm dia. | 5.00 | Each | 308.73 | 1543.63 |
| 151 | Providing and fixing C.P. brass **angle valve** for basin mixer and geyser points of approved quality conforming to IS:8931<br>15 mm nominal bore<br>Make: FLR-5053N Jaquar | 11.00 | Each | 1564.49 | 17209.39 |
| 152 | Prov.& Fixing **Health Faucet** of chrome finish with wall Hook and 1 Meter chrome plated Hose Pipe.<br>Make: ALD-573 Jaquar | 6.00 | Each | 1825.07 | 10950.42 |
| 153 | Providing and fixing chromium plated, bottle trap with necessary couplings of approved quality for wash basin. | 11.00 | Each | 295.80 | 3253.79 |
| 154 | Providing and fixing 600mm x 450mm bevelled edge **mirrror** of superior glass mounted on 6mm thick A.C. sheet or plywood sheet and fixing to wooden pluge with C.P. brass screws and washers. | 5.00 | Each | 833.73 | 4168.67 |
| 155 | Providing and fixing toilet paper holder.<br>(A) C.P. Brass | 6.00 | Each | 418.68 | 2512.05 |
| 156 | Providing and fixing Napkin Ring. | 6.00 | Each | 1489.75 | 8938.50 |
| 157 | Providing & Fixing **floor drain trap** with cover & deep seal p trap at all floor levels of the following nominal diameter of self cleaning design with C.I. screwed down or hinged grating incl. cost of cutting making good the walls & floors with jali & 50 mm Inlet Pipe & 75 mm outlet etc. for all Floor as directed/aprroved by consultants.<br>Size - 110 mm x 75mm<br>Trap Cover Make: CCR-SC-102 Camry<br>P Trap: 110X75 mm Astral | 11.00 | Each | 96.54 | 1061.89 |
| **Part - B** | **Internal Drainage (Soil, Waste,Vent & Rain Water Pipes)** | | | | |

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| 158 | Soil Waste & Waste Water Pipe<br>Providing & Fixing U-PVC pipe (SWR) confirming to IS no. 13592 (Type "B") for soil and waste discharge system at all floor levels incl. All fixtures like bends, tees, shoe etc. jointed with resin of approved brand & manufacture etc. comp.<br>Make: Supreme/Astral/Finolex<br>(A)75 mm dia | 100.00 | Rmt. | 137.36 | 13736.00 |
| 159 | Providing, laying and jointing in true line and level 110 diametre U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 110 mm diametre x 149 mm length x 145 mm heigh at every 2000 mm center to center or shall be concealed in walls as directed including<br>necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of<br>all materials. | 100.00 | Rmt. | 836.73 | 83673.45 |
| 160 | **Basin & Urinal Outlet Waste Water Pipe**<br>Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.<br>Size: - 50 mm dia<br>Make: Supreme/Astral/Finolex/Astor | 60.00 | Rmt. | 47.73 | 2863.96 |
| 161 | **Vent/Rain Water Pipe**<br>Providing & fixing U-PVC pipes Confirming to IS no. 13592 (Type "A") for vent & rain water at all floor levels incl. fixtures like bends, tees, shoe etc joined with resin of approved brand & manufacture etc. comp.<br>Make: Supreme/Astral/Finolex/Astor(B)110mm dia | 60.00 | Rmt. | 138.82 | 8329.47 |
| 163 | Providing and fixing in position cowel went to pipes.<br>(C) 110mm dia | 6.00 | Each | 501.87 | 3011.21 |
| 164 | Providing & fixing **clamps with slotted base, U bolt & nut & washer** for vertical pipes including the cost of cutting holes & making good the wall etc. | | | | 0.00 |
| 164.1 | (A) 40 TO 65 mm Dia | 15.00 | Each | 17.17 | 257.55 |
| 164.2 | (C) 110 mm Dia. | 21.00 | Each | 21.21 | 445.41 |
| **Part - C** | **Cold & Hot Water Supply Pipes & Valves** | | | | |
| 165 | Providing laying and jointing in true line and level 15mm dia. U.P.V.C. Pipe ( SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as direced including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials. | 100.00 | Rmt. | 72.65 | 7264.93 |

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| 166 | Providing laying and jointing in true line and level 25mm dia. U.P.V.C. Pipe ( SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as direced including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials. | 100.00 | Rmt. | 91.84 | 9183.93 |
| 167 | Providing laying and jointing in true line and level 32mm dia. U.P.V.C. Pipe ( SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as direced including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials. | 80.00 | Rmt. | 119.15 | 9531.98 |
| 168 | Providing laying and jointing in true line and level 40mm dia. U.P.V.C. Pipe ( SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as direced including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials. | 70.00 | Rmt. | 148.12 | 10368.16 |
| 169 | Providing laying and jointing in true line and level 50mm dia. U.P.V.C. Pipe ( SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as direced including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials. | 60.00 | Rmt. | 195.67 | 11740.04 |
| 170 | Providing laying and jointing in true line and level 65mm dia. U.P.V.C. Pipe ( SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as direced including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials. | 50.00 | Rmt. | 1328.15 | 66407.50 |
| 171 | Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete.<br>[B] 20 mm. | 50.00 | Rmt. | 205.00 | 10249.99 |
| 172 | Providing and fixing gun metal **gate valve** with C.I. wheel of approved<br>quality (screwed end) :<br>Make: Zoloto/Normex/Audco - 50 mm dia pipe | 4.00 | Each | 5805.48 | 23221.92 |
| 173 | Providing and fixing gun metal **non- return valve** of approved quality<br>(screwed end) :<br>- 50 mm dia pipe<br>Make: Zoloto/Normex/Audco | 4.00 | Each | 4094.54 | 16378.16 |

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| 174 | Providing and fixing ball cock of approved quality as directed.<br>(B) Abonite (ii) 50mm dia. | 2.00 | Each | 137.89 | 275.77 |
| 175 | Providing & Fixing of **UPVC Ball Valve** for isolation to toilet inlet line for all floor Make Supreme/Astral/Finolex/Astor<br>- 32 mm dia | 5.00 | Each | 1088.78 | 5443.90 |
| | - 40 mm dia | 5.00 | Each | 2633.07 | 13165.35 |
| | - 50 mm dia | 2.00 | Each | 3885.47 | 7770.94 |
| 176 | Providing and fixing **self actutating pilot opreated float control valve** of flanged fit with pilot & needle valve pressure, water tank level sensor & all required accessories.<br>Make: Flow-Tek<br>Size: - 80 mm | 1.00 | Each | 46315.57 | 46315.57 |
| 177 | Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight.(i) Square mouth traps.<br>(B) 150mm x 100mm size P or R type | 6.00 | Each | 1246.92 | 7481.49 |
| 178 | Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less<br>than 35Kg/Cm2 in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm intenal dimensions total weight of cover with frame to<br>be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg. ) (R.C.C. top slabe with 1:2:4 mix (1-cement :2- coarse sand :4-graded<br>stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat<br>of neat cement on walls and bed concrete etc. complete.(ii) Inside dimensions 500mm x 700 mm and 450mm deep for pipe line with one | 10.00 | Each | 3660.76 | 36607.55 |
| 179 | Extra over items 24.44 for every additional depth of 0.1M. of part thereof beyond 450mm depth for Brick masonry chamber.<br>(ii) for 500mm x 700mm size. | 8.00 | Each | 264.86 | 2118.90 |
| 180 | Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3-coarse sand :6- Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:3 (1-Cement : 3-coarse sand) finished with a floating coat of neat cement and making channels in cement<br>concrete 1:2:4 mix (1-Cement :2-Coarse sand :4- stone aggregate 20mm nominal size) finished smooth complete including curing and festing<br>(i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1- Cement: 5- Coarse sand)<br>(1) A type depth 0.90 Metre for 150mm diameter sewer. | 5.00 | Each | 11029.97 | 55149.84 |

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| 181 | Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3-coarse sand :6- Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:3 (1-Cement : 3-coarse sand) finished with a floating coat of neat cement and making channels in cement<br>concrete 1:2:4 mix (1-Cement :2-Coarse sand :4- stone aggregate 20mm nominal size) finished smooth complete including curing and festing<br>(i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1- Cement: 5- Coarse sand)<br>(1) A type depth 0.90 Metre for 150mm diameter sewer | 5.00 | Each | 19330.46 | 96652.30 |
| 182 | (I) Extra rate for constructing B.B. masonry for every additional depth of 0.1M. or Part thereof over item No.24.27<br>(I) for depth from 0.9M to 1.5M. | 6.00 | Each | 522.96 | 3137.75 |
| 183 | (II) Extra rate for constructing B.B. masonry for every additional depth of 0.1M. GR Part thereof over item No.24.27<br>(I) for depth from 1.50M. to 2.25M. | 6.00 | Each | 397.19 | 2383.16 |
| 184 | Providing and fixing C.I. Manhole cover 0.60 M. x 0.45M. size having weight not less than 35Kg. | 1.00 | Each | 958.17 | 958.17 |
| 185 | Providing and fixing cast iron steps of size 500mm x 150mm x 22.5mm and painting with two coats of Anti-corrosive paint etc. complete. | 6.00 | Each | 203.76 | 1222.54 |
| 186 | Constructing Brick masonry road gully chamber 500mm x 450mm x 600mm including 500mm x 450mm C.I. horizontal grating wih frame complete. | 6.00 | Each | 2017.19 | 12103.15 |
| 187 | Constructing brick masonry road gully chamber 1100mm x 775mm including 500mm x 450mm (C.I. horizontal grating with frame and vertical grating complete.) | 6.00 | Each | 8767.25 | 52603.53 |
| 188 | Providing laying (to level or slopes) and jointing reinforced concrete Light duty nonpressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.<br>(B) 150mm | 20.00 | mtr | 248.67 | 4973.44 |
| 189 | Providing laying (to level or slopes) and jointing reinforced concrete Light duty nonpressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.<br>(C) 250mm | 20.00 | mtr | 348.04 | 6960.72 |
| 190 | Providing laying (to level or slopes) and jointing reinforced concrete Light duty nonpressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.<br>(D) 300mm | 20.00 | mtr | 665.48 | 13309.58 |

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| 191 | Providing & laying ordinary C.C.1:1.5:3 mix for R.C.C. work incl. boxing, centering, vibrating, curing & mixed with approved water proofing cement compound or "CEMWET"or"PIDICRETE LW"integral water proofing admixture as water proofing agent to be mixed with 50 kg. cement bag shall be as recommended by the manufacture of the water proofing material, concrete work for top, bottom slab & side pardi for Under ground Tank & Item incl. Necessary excavation & refilling the available earth, 15 cm th' C.C 1:4:8 for bedding concrete, Half B.M. in C.M. 1:4 outside wall, inside R.C.C. pardi as per design, 10mm.th. water proofing cement plaster in C.M. 1:3 with smooth finishing,watering etc.Comp.to all inner face & bottom of tank curing etc. comp. incl. Locking arrangement, outlet, inlet, overflow & wash out pipe arrangement as necessary & C.I. Cover 0.60 x .045 weight not less then 35kg. etc. com. as per structural drawing excluding Steel & as directed by Engineer-in-charge | 5000.00 | Lits. | 5.00 | 24997.50 |
| 192 | Providing & Laying Commercial Quality white glazed tiles 6mm. th. in flooring laid on a bed of 20 mm. Av. Th.C.M.1:3(1cement :3 sand ) & on wall Of R.C.C. Tank with necessary cement paste for fixing and joined with white cement slurry etc. complete. finished with flush pointing in white cement etc.com. | 5000.00 | Lits. | 1.01 | 5050.00 |
| | **TOTAL AMOUNT :** | | | | **14796420.49** |