

BASIC RATES

0.1 LABOUR

Code No	Description	Unit	Rate Rs.
L-01	Blacksmith (IInd class)	day	160.00
L-02	Blacksmith (Ist class)/ Welder/ Plumber/ Electrician	day	220
L-03	Blaster (Stone cutter)	day	180
L-04	Carpenter I Class	day	250
L-05	Chiseller (Head Mazdoor)	day	200
L-06	Driller (Jumper)	day	180
L-07	Driver	day	180
L-08	Fitter	day	300
L-09	Mali	day	170
L-10	Mason (IInd class)	day	250
L-11	Mason (Ist class)	day	300
L-12	Mate / Supervisor	day	250
L-13	Mazdoor/ helper	day	180
L-14	Mazdoor/Dresser (Semi Skilled)	day	200
L-15	Mazdoor/Dresser/Sinker (Skilled)	day	200
L-16	Medical Officer	day	750
L-17	Operator(grouting)	day	250
L-18	Painter	day	250
L-19	Para medical personnel	day	500

BASIC RATES**0.2 HIRE CHARGE OF PLANT & MACHENARY – Mechanical Part**

Code No	Description	Unit	Rate Rs.
P&M-001	Air Compressor 210 CFM	hour	315.00
P&M-002	Batching and Mixing Plant (a) 30 cum capacity	hour	2000.00
P&M-003	Batching and Mixing Plant (b) 15 - 20 cum capacity	hour	1680.00
P&M-004	Bitumen Pressure Distributor	hour	600.00
P&M-005	Bitumen Boiler oil fired	hour	210.00
P&M-006	Concrete Paver Finisher with 40 HP Motor	hour	1680.00
P&M-007	Concrete Pump of 45 & 30 cum capacity	hour	525.00
P&M-008	Concrete Bucket	hour	105.00
P&M-009	Concrete Mixer 0.4/0.28 cum	hour	105.00
P&M-010	Concrete Mixer 1 cum	hour	160.00
P&M-011	Crane 80 tonnes	hour	1050.00
P&M-012	Cranes 35 tonnes	hour	735.00
P&M-013	Cranes 3 tonnes	hour	260.00
P&M-014	Dozer D - 80 - A 12	hour	2100.00
P&M-015	Dozer D - 50 - A 15	hour	1470.00
P&M-016	Emulsion Pressure Distributor	hour	630.00
P&M-017	Front End loader 1 cum bucket capacity	hour	525.00
P&M-018	Generator (a) 125 KVA	hour	735.00
P&M-019	Generator(b) 63 KVA	hour	525.00
P&M-020	GSB Plant 50 cum	hour	1050.00
P&M-021	Hotmix Plant - 120 TPH capacity	hour	11300.00
P&M-022	Hotmix Plant - 100 TPH capacity	hour	8700.00
P&M-023	Hotmix Plant - 60 to 90 TPH capacity	hour	7000.00
P&M-024	Hotmix Plant - 40 to 60 TPH capacity	hour	4800.00
P&M-025	Hydraulic Chip Spreader	hour	1260.00
P&M-026	Hydraulic Excavator of 1 cum bucket	hour	735.00
P&M-027	Integrated Stone Crusher 100THP	hour	5900.00
P&M-028	Integrated Stone Crusher 200 HP	hour	11550.00
P&M-029	Kerb Casting Machine	hour	315.00
P&M-030	Mastic Cooker	hour	150.00
P&M-031	Mechanical Broom Hydraulic	hour	210.00

Code No	Description	Unit	Rate Rs.
P&M-032	Motor Grader 3.35 mtr blade	hour	1260.00
P&M-033	Mobile slurry seal equipment	hour	575.00
P&M-034	Paver Finisher Hydrostatic with sensor control 100 TPH	hour	2100.00
P&M-035	Paver Finisher Mechanical 100 TPH	hour	680.00
P&M-036	Piling Rig with Bantonite Pump	hour	3600.00
P&M-037	Pneumatic Road Roller	hour	1050.00
P&M-038	Pneumatic Sinking Plant	hour	2600.00
P&M-039	Pot Hole Repair Machine	hour	525.00
P&M-040	Prestressing Jack with Pump & access	hour	400.00
P&M-041	Ripper	hour	50.00
P&M-042	Rotavator	hour	50.00
P&M-043	Road marking machine	hour	115.00
P&M-044	Smooth Wheeled Roller 8 tonne	hour	315.00
P&M-045	Tandem Road Roller	hour	735.00
P&M-046	Tipper - 5 cum	km	25.00
P&M-047	Tipper - 5 cum	tonne.km	5.00
P&M-048	Tipper - 5 cum	hour	370.00
P&M-049	Transit Mixer 4.0/4.5 cum	hour	630.00
P&M-050	Transit Mixer 4/4.5 cum	tonne.km	11.00
P&M-051	Transit Mixer 3.0 cum	hour	550.00
P&M-052	Transit Mixer 3.0 cum	tonne.km	9.00
P&M-053	Tractor	hour	200.00
P&M-054	Tractor with Rotevator	hour	250.00
P&M-055	Tractor with Ripper	hour	225.00
P&M-056	Truck 5.5 cum per 10 tonnes	km	25.00
P&M-057	Truck 5.5 cum per 10 tonnes	hour	700.00
P&M-058	Truck 5.5 cum per 10 tonnes	tonne.km	6.00
P&M-058A	Truck 5.5 cum /10 tonnes without fuel	day	1350.00
P&M-059	Vibratory Roller 8 tonne	hour	1050.00
P&M-060	Water Tanker, 6 KL	hour	350.00
P&M-061	Water Tanker, 6 KL	km	9.00
P&M-062	Wet Mix Plant 60 TPH	hour	945.00
P&M-063	Air compressor with pneumatic chisel attachment for cutting hard clay.	hour	250.00

Code No	Description	Unit	Rate Rs.
P&M-066	Boat to carry atleast 20 persons	hour	1575.00
P&M-067	Cement concrete batch mix plant @ 175 cum per hour (effective output)	hour	6300.00
P&M-068	Cement concrete batch mix plant @ 75 cum per hour	hour	1575.00
P&M-070	Crane 5 tonne capacity	hour	470.00
P&M-071	Crane 10 tonne capacity	hour	480.00
P&M-072	Crane 15 tonne capacity	hour	520.00
P&M-073	Crane 20 tonne capacity	hour	630.00
P&M-074	Crane 40 T capacity	hour	840.00
P&M-075	Crane with grab 0.75 cum capacity	hour	900.00
P&M-076	Compressor with guniting equipment along with accessories	hour	500.00
P&M-077	Drum mix plant for cold mixes of appropriate capacity but not less than 75 tonnes/hour.	hour	4200.00
P&M-078	Epoxy Injection gun	hour	300.00
P&M-079	Generator 33 KVA	hour	400.00
P&M-080	Generator 100 KVA	hour	700.00
P&M-081	Generator 250 KVA	hour	1300.00
P&M-082	Induction, deinduction and erection of plant and equipment including all components and accessories for pneumatic method of well sinking.	hour	5000.00
P&M-083	Joint Cutting Machine with 2-3 blades (for rigid pavement)	hour	150.00
P&M-084	Jack for Lifting 40 tonne lifting capacity.	day	3000.00
P&M-085	Piling rig Including double acting pile driving hammer (Hydraulic rig)	hrs	6000.00
P&M-086	Plate compactor	hour	100.00
P&M-088	Texturing machine (for rigid pavement)	hour	200.00
P&M-089	Truck Trailor 30 tonne capacity	hour	1200.00
P&M-090	Truck Trailor 30 tonne capacity	t.km	4.50
P&M-092	Vibrating Pile driving hammer complete with power unit and accessories.	hour	550.00
P&M-093	Wet Mix Plant 100 TPH	hour	2000.00
P&M-094	Wet Mix Plant 75 TPH	hour	1200.00
P&M-095	Sludge suction tanker 6000 letre capacity	trip	900.00

BASIC RATES
0.3 MATERIAL – Road Part

Code No	Description	Unit	Rate Rs.
M-003	Boulder with minimum size of 300 mm for Pitching at Site	cum	420.00
M-004	Coarse sand at Mixing Plant	cum	525.00
M-005	Coarse sand at Site	cum	525.00
M-006	Fine sand at Site	cum	525.00
M-007	Moorum at Site	cum	250.00
M-008	Gravel/Quarry spall at Site	Cum	250.00
M-009	Granular Material or hard Moorum for GSB works at Site	Cum	250.00
M-010	Granular Material or hard Moorum for GSB works at Mixing Plant	Cum	400.00
M-011	Fly ash conforming to IS: 3812 (Part II & I) at HMP Plant / Batching Plant / Crushing Plant	Cum	150.00
M-012	Filter media/Filter Material as per Table 300-3 (MoRT&H Specification)	Cum	500.00
M-013	Close graded Granular sub-base Material 53 mm to 9.5 mm	cum	500.00
M-013S	Close graded Granular sub-base Material 53 mm to 9.5 mm	cum	500.00
M-014	Close graded Granular sub-base Material 37.5 mm to 9.5 mm	cum	500.00
M-014S	Close graded Granular sub-base Material 37.5 mm to 9.5 mm	cum	500.00
M-015	Close graded Granular sub-base Material 26.5 mm to 9.5 mm	cum	500.00
M-015S	Close graded Granular sub-base Material 26.5 mm to 9.5 mm	cum	500.00
M-016	Close graded Granular sub-base Material 9.5 mm to 4.75 mm	cum	425.00
M-016S	Close graded Granular sub-base Material 9.5 mm to 4.75 mm	cum	425.00
M-017	Close graded Granular sub-base Material 9.5 mm to 2.36 mm	cum	425.00
M-017S	Close graded Granular sub-base Material 9.5 mm to 2.36 mm	cum	425.00
M-018	Close graded Granular sub-base Material 4.75mm to 2.36 mm	cum	350.00
M-018S	Close graded Granular sub-base Material 4.75mm to 2.36 mm	cum	350.00
M-019	Close graded Granular sub-base Material 4.75mm to 75 micron mm	cum	350.00
M-019S	Close graded Granular sub-base Material 4.75mm to 75 micron mm	cum	350.00
M-020	Close graded Granular sub-base Material 2.36 mm	cum	420.00
M-020S	Close graded Granular sub-base Material 2.36 mm	cum	420.00
M-021	Stone crusher dust finer than 3mm with not more than 10% passing 0.075 sieve.	cum	280.00
M-021S	Stone crusher dust finer than 3mm with not more than 10% passing 0.075 sieve.	cum	280.00
M-022	Coarse graded Granular sub-base Material 2.36 mm & below	cum	280.00

Code No	Description	Unit	Rate Rs.
M-022S	Coarse graded Granular sub-base Material 2.36 mm & below	cum	280.00
M-023	Coarse graded Granular sub-base Material 4.75mm to 75 micron mm	cum	350.00
M-023S	Coarse graded Granular sub-base Material 4.75mm to 75 micron mm	cum	350.00
M-024	Coarse graded Granular sub-base Material 4.75 mm to 2.36 mm	cum	350.00
M-024S	Coarse graded Granular sub-base Material 4.75 mm to 2.36 mm	cum	350.00
M-025	Coarse graded Granular sub-base Material 9.5 mm to 4.75 mm	cum	425.00
M-025S	Coarse graded Granular sub-base Material 9.5 mm to 4.75 mm	cum	425.00
M-026	Coarse graded Granular sub-base Material 26.5 mm to 4.75 mm	cum	560.00
M-026S	Coarse graded Granular sub-base Material 26.5 mm to 4.75 mm	cum	560.00
M-027	Coarse graded Granular sub-base Material 26.5 mm to 9.5 mm	cum	560.00
M-027S	Coarse graded Granular sub-base Material 26.5 mm to 9.5 mm	cum	560.00
M-028	Coarse graded Granular sub-base Material 37.5 mm to 9.5 mm	cum	500.00
M-028S	Coarse graded Granular sub-base Material 37.5 mm to 9.5 mm	cum	500.00
M-029	Coarse graded Granular sub-base Material 53 mm to 26 .5mm	cum	500.00
M-029S	Coarse graded Granular sub-base Material 53 mm to 26 .5mm	cum	500.00
M-030	Aggregates below 5.6 mm	cum	350.00
M-030S	Aggregates below 5.6 mm	cum	350.00
M-031	Aggregates 22.4 mm to 2.36 mm	cum	500.00
M-031S	Aggregates 22.4 mm to 2.36 mm	cum	500.00
M-032	Aggregates 22.4 mm to 5.6 mm	cum	500.00
M-032S	Aggregates 22.4 mm to 5.6 mm	cum	500.00
M-033	Aggregates 45 mm to 2.8 mm	cum	500.00
M-033S	Aggregates 45 mm to 2.8 mm	cum	500.00
M-034	Aggregates 45 mm to 22.4 mm	cum	500.00
M-034S	Aggregates 45 mm to 22.4 mm	cum	500.00
M-035	Aggregates 53 mm to 2.8 mm	cum	500.00
M-035S	Aggregates 53 mm to 2.8 mm	cum	500.00
M-036	Aggregates 53 mm to 22.4 mm	cum	500.00
M-036S	Aggregates 53 mm to 22.4 mm	cum	500.00
M-037	Aggregates 63 mm to 2.8 mm	cum	500.00
M-037S	Aggregates 63 mm to 2.8 mm	cum	500.00
M-038	Aggregates 63 mm to 45 mm	cum	500.00
M-038A	Aggregates 63 mm to 45 mm (hand broken)	cum	350.00
M-038S	Aggregates 63 mm to 45 mm	cum	500.00
M-039	Aggregates 90 mm to 45 mm (hand broken)	cum	500.00

Code No	Description	Unit	Rate Rs.
M-039S	Aggregates 90 mm to 45 mm (hand broken)	cum	300.00
M-040	Aggregates 10 mm to 5 mm	cum	500.00
M-040S	Aggregates 10 mm to 5 mm	cum	500.00
M-041	Aggregates 11.2 mm to 0.09 mm	cum	500.00
M-041S	Aggregates 11.2 mm to 0.09 mm	cum	500.00
M-042	Aggregates 13.2 mm to 0.09 mm	cum	500.00
M-042S	Aggregates 13.2 mm to 0.09 mm	cum	500.00
M-043	Aggregates 13.2 mm to 5.6 mm	cum	500.00
M-043S	Aggregates 13.2 mm to 5.6 mm	cum	500.00
M-044	Aggregates 13.2 mm to 10 mm	cum	580.00
M-044S	Aggregates 13.2 mm to 10 mm	cum	580.00
M-045	Aggregates 20 mm to 10 mm	cum	600.00
M-045S	Aggregates 20 mm to 10 mm	cum	600.00
M-046	Aggregates 25 mm to 10 mm	cum	580.00
M-046S	Aggregates 25 mm to 10 mm	cum	580.00
M-047	Aggregates 19 mm to 6 mm	cum	580.00
M-047S	Aggregates 19 mm to 6 mm	cum	580.00
M-048	Aggregates 37.5 mm to 19 mm	cum	580.00
M-048S	Aggregates 37.5 mm to 19 mm	cum	580.00
M-049	Aggregates 37.5 mm to 25 mm	cum	580.00
M-049S	Aggregates 37.5 mm to 25 mm	cum	580.00
M-050	Aggregates 6 mm nominal size	cum	350.00
M-050S	Aggregates 6 mm nominal size	cum	350.00
M-051	Aggregates 10 mm nominal size	cum	420.00
M-051S	Aggregates 10 mm nominal size	cum	420.00
M-052	Aggregates 13.2/12.5 mm nominal size	cum	450.00
M-052S	Aggregates 13.2/12.5 mm nominal size	cum	450.00
M-053	Aggregates 20 mm nominal size	cum	580.00
M-053S	Aggregates 20 mm nominal size	cum	580.00
M-054	Aggregates 25 mm nominal size	cum	580.00
M-054S	Aggregates 25 mm nominal size	cum	580.00
M-055	Aggregates 40 mm nominal size	cum	500.00
M-055S	Aggregates 40 mm nominal size	cum	500.00
M-056	AC pipe 100 mm dia	metre	20.00
M-056A	GI pipe 100 mm dia "B" class	metre	640.00
M-056B	GI pipe 150 mm dia "B" class	metre	1000.00

Code No	Description	Unit	Rate Rs.
M-056C	GI pipe 32 mm dia "B" class	metre	174.00
M-059	Aluminium alloy plate 2mm Thick	sqm	950.00
M-060	Galvanised steel	tonne	45000.00
M-061	Aluminium sheeting fixed with encapsulated lens type reflective sheeting including 2% towards lettering, cost of angle iron, cost of drilling holes, nuts, bolts etc.and signs as applicable	sqm	5600.00
M-063	Barbed wire	kg	40.00
M-066	Bearing (Elastomeric bearing assembly consisting of 7 internal layers of elastomer bonded to 6 nos. internal reinforcing steel laminates by the process of vulcanisation,)	cc	0.50
M-068	Bearing (Pot type bearing assembly consisting of a metal piston supported by a disc, PTFE pads providing sliding surfaces against stainless steel mating together with cast steel assemblies/fabricated structural steel assemblies duly painted with all comp	nos	62,500.00
M-071	Bentonite	kg	2.97
M-072	Binding wire	kg	40.00
M-073	Bitumen (Cationic Emulsion)	tonne	24000.00
M-074	Bitumen (60-70 grade)	tonne	33300.00
M-075	Bitumen (80-100 grade)	tonne	32500.00
M-077	Bitumen (emulsion)	tonne	25630.00
M-078	Bitumen (modified graded CRMB-60)	tonne	35816.003
M-078A	Bitumen (modified graded PMB-40)	tonne	38746.00
M-079	Bricks class 100 1st grade	1000 Nos	3000.00
M-079A	Extruded burnt flyash clay sewer bricks conforming to I.S 4885 - 1988	1000 Nos	3550.00
M-080	C.I.shoes for the pile	kg	60.00
M-081	Cement OPC	tonne	5400.00
M-081A	Cement PPC	tonne	5200.00
M-082	Cold twisted bars (TMT Bars)	tonne	42000.00
M-083	Coller for joints 300 mm dia	nos	500.00
M-084	Compressible Fibre Board(20mm thick)	sqm	600.00
M-086	Copper Plate(12m long x 250mmwide)	kg	350.00
M-087	Corrosion resistant Structural steel	tonne	45000.00
M-088	Corrugated sheet, 3 mm thick, "Thrie" beam section railing	kg	55.00
M-089	Credit for excavated rock found suitable for use	cum	65.00
M-090	Curing compound	liter	125.00
M-091	Delineators from ISI certified firm as per the standard drawing given in IRC - 79	each	800.00
M-092	Earth Cost or compensation for earth taken from private land	cum	20.00
M-092A	Cost of Earth for RE wall fill as per MoRT&H clause 3100	cum	120.00

Code No	Description	Unit	Rate Rs.
M-093	Elastomeric slab seal expansion joint assembly manufactured by using chloroprene, elastomer for elastomeric slab unit conforming to clause 915.1 of IRC: 83 (part II),	metre	750.00
M-094	Electric Detonators @ 1 detonator for 1/2 gelatin stick of 125 gms each	100 Nos	1500.00
M-095	Epoxy compound with accessories for preparing epoxy mortar	kg	600
M-097	Epoxy primer	kg	440.00
M-100	Flowering Plants	each	30.00
M-101	Galvanised MS flat clamp	nos	50.00
M-102	Galvanised steel wire crates of mesh size 100 mm x 100 mm woven with 4mm dia. GI wire in rolls of required size.	sqm	150.00
M-103	Galvanised structural steel plate 200 mm wide, 6 mm thick, 24 m long	kg	50.00
M-104	Gelatin 80%	kg	150.00
M-106	Geomembrane	sqm	135.00
M-107	Geonets	sqm	125.00
M-108	Geotextile	sqm	100.00
M-110	GI bolt 10 mm Dia	nos	15.00
M-111	Grouting pump with agitator	hour	150.00
M-112	Grass (Doob)	kg	5.00
M-113	Grass (Fine)	kg	20.00
M-114	HDPE pipes 75mm dia PE 100	metre	143.00
M-115	HDPE pipes 90mm dia PE 100	metre	209.00
M-116	Hedge plants	each	15.00
M-117	Helical pipes 600mm diameter 0.7mm thickness	metre	6,200.00
M-117A	Helical pipes 800mm diameter 0.8mm thickness	metre	8,500.00
M-118	Hot applied thermoplastic compound	litre	250.00
M-119	HTS strand	tonne	55000.00
M-120	Joint Sealant Compound	kg	220.00
M-122	LDO for steam curing	litre	35.00
M-123	M.S. Clamps	nos	28.00
M-124	M.S. Clamps	kg	45.00
M-125	M.S. shoes @ 35 Kg per pile of 15 m	kg	55.00
M-126	Mild Steel bars	tonne	38750.00
M-129	Nipples 12mm	nos	12.00
M-130	Nuts and bolts	kg	47.00
M-131	Paint	litre	160.00
M-132	Pavement Marking Paint	litre	200.00

Code No	Description	Unit	Rate Rs.
M-134	Perforated geosynthetic pipe 150 mm dia	metre	495
M-136	Pesticide	kg	500.00
M-138	Plastic sheath, 1.25 mm thick for dowel bars	sqm	70.00
M-141	Pre moulded Joint filler,25 mm thick for expansion joint.	sqm	700.00
M-142	Pre-coated stone chips of 13.2 mm nominal size	cum	800.00
M-143	Preformed continuous chloroprene elastomer or closed cell foam sealing element with high tear strength, vulcanised in a single operation for the full length of a joint to ensure water tightness.	metre	110.00
M-144	Pre-moulded asphalt filler board	sqm	88.00
M-145	Pre-packed cement based polymer concrete of strength 45 Mpa at 28 days	kg	10.00
M-146	Primer	kg	25.00
M-147	Quick setting compound	kg	40.00
M-148	Random Rubble Stone	cum	420.00
M-149	RCC Pipe NP 4 heavy duty non pressure pipe 1000 mm dia	metre	5,190.00
M-150	RCC Pipe NP 4 heavy duty non pressure pipe 1200 mm dia	metre	6,991.00
M-151	RCC Pipe NP 4 heavy duty non pressure pipe 300 mm dia	metre	694.00
M-152	Reflectorising glass beads	kg	50.00
M-158	Rivets	each	1.50
M-159	Sand bags (Cost of sand and Empty cement bag)	nos	10.00
M-160	Sapling 2 m high 25 mm dia	each	125.00
M-163	Selected earth	cum	15.00
M-164	Separation Membrane of impermeable plastic sheeting 125 micron thick	sqm	60.00
M-165	Sheathing duct 85mm dia	metre	150.00
M-166	Shrubs	each	10.00
M-167	Sludge / Farm yard manure @ 0.18 cum per 100 sqm at site of work for turfing	cum	500.00
M-169	Square Rubble Coursed Stone	cum	1600.00
M-172	Steel drum 300 mm dia 1.2 m high/empty bitumen drum	nos	400.00
M-173	Steel helmet and cushion block on top of pile head during driving.	kg	55.00
M-175	Steel pipe 50 mm external dia as per IS:1239	metre	240.00
M-175A	G.I. pipe 50 mm dia as per IS:1239	metre	272.00
M-177	Steel wire rope 40 mm	kg	70.00
M-178	Strip seal expansion join	metre	7000.00
M-179	Structural Steel	tonne	45000.00
M-179S	Credit for Scrap Structural Steel	tonne	18000.00
M-180	Super plastisizer admixture IS marked as per 9103-1999	kg	50.00

Code No	Description	Unit	Rate Rs.
M-182	Through and bond stone	each	11.00
M-183	Tie rods 20mm diameter	nos	100.00
M-187	Tube anchorage set complete with bearing plate, permanent wedges etc	nos	4000.00
M-188	Unstaked lime	tonne	2600.00
M-189	Water	KL	70.00
M-190	Water based cement paint	litre	36.00
M-191	Welded steel wire fabric	kg	50.00
M-192	Wire mesh 50mm x 50mm size of 3mm wire	kg	50.00
M-193	Wooden ballies 2" Dia for bracing	each	40.00
M-194	Wooden ballies 8" Dia and 9 m long	each	400.00
M-201	Second class kail/ local wood in scantling	cum	13000.00
M-202	Second class kail/ local wood in planks	cum	14000.00
M-203	Safeda ballies 125 mm diameter	metre	50.00
M-210	Circular shape 560 mm dia precast R.C.C. manhole cover with frame - H.D. - 20	each	1,608.00
M-211	Circular shape 450 mm dia precast R.C.C. manhole cover with frame - H.D. - 20	each	1250.00
M-220	SFRC Foot Rest	each	96.00
M-221	RCC vent shaft 9.10 m long of standard design complete	each	19000.00
M-301	Designing of facia panel and its accessories, fabrication and supply of anchor strip and casting accessories to be used in facia panel	sqm	2500.00
M-302	Carriage of facia panel to site of work and its erection	sqm	300.00
M-303	Factory made CC paver blocks 60mm thick	sqm	400.00
M-311	Adjustable span- ESOSI (2.35-3.40m)	each	1300.00
M-312	Adjustable telescopi prop 3m(2.02-3.75m)	each	800.00
M-401	Cat's eye	each	123.00
M-402	"L" type bollard	each	900.00
M-403	"SWISS" type bollard	each	1,036.00
M-404	Hazard Marker	each	360.00
M-405	"SWISS" type Hazard Marker	each	495.00
M-901	High speed Diesel	litre	40.00
M-902	Mobil oil	litre	120.00
02001	Chlorpyriphos E.C. 20%	litre	150.00
02002	Kerosene oil	litre	30.00
14001	Neem cake	kg	10.00
15001	R.C.C. pipes NP4 class 150 mm dia	metre	287.00

Code No	Description	Unit	Rate Rs.
15002	R.C.C. pipes NP4 class 200 mm dia	metre	385.00
15003	R.C.C. pipes NP4 class 250 mm dia	metre	475.00
15004	R.C.C. pipes NP4 class 300 mm dia	metre	693.00
15005	R.C.C. pipes NP4 class 350 mm dia	metre	1,050.00
15006	R.C.C. pipes NP4 class 400 mm dia	metre	1,191.00
15007	R.C.C. pipes NP4 class 450 mm dia	metre	1,336.00
15008	R.C.C. pipes NP4 class 500 mm dia	metre	1,552.00
15009	R.C.C. pipes NP4 class 600 mm dia	metre	2,113.00
15010	R.C.C. pipes NP4 class 700 mm dia	metre	2,718.00
15011	R.C.C. pipes NP4 class 800 mm dia	metre	3,654.00
15012	R.C.C. pipes NP4 class 900 mm dia	metre	4,290.00
15013	R.C.C. pipes NP4 class 1000 mm dia	metre	5,190.00
15014	R.C.C. pipes NP4 class 1100 mm dia	metre	6,929.00
15015	R.C.C. pipes NP4 class 1200 mm dia	metre	7,369.00
15016	R.C.C. pipes NP4 class 1400 mm dia	metre	11,613.00
15017	R.C.C. pipes NP4 class 1600 mm dia	metre	13,868.00
15018	R.C.C. pipes NP4 class 1800 mm dia	metre	19,393.00
15021	R.C.C. pipes NP3 class 150 mm dia	metre	266.00
15022	R.C.C. pipes NP3 class 200 mm dia	metre	343.00
15023	R.C.C. pipes NP3 class 250 mm dia	metre	423.00
15024	R.C.C. pipes NP3 class 300 mm dia	metre	622.00
15025	R.C.C. pipes NP3 class 350 mm dia	metre	1,020.00
15026	R.C.C. pipes NP3 class 400 mm dia	metre	1,146.00
15027	R.C.C. pipes NP3 class 450 mm dia	metre	1,296.00
15028	R.C.C. pipes NP3 class 500 mm dia	metre	1,453.00
15029	R.C.C. pipes NP3 class 600 mm dia	metre	1,861.00
15030	R.C.C. pipes NP3 class 700 mm dia	metre	2,334.00
15031	R.C.C. pipes NP3 class 800 mm dia	metre	3,116.00
15032	R.C.C. pipes NP3 class 900 mm dia	metre	3,757.00
15033	R.C.C. pipes NP3 class 1000 mm dia	metre	4,266.00
15034	R.C.C. pipes NP3 class 1100 mm dia	metre	5,564.00
15035	R.C.C. pipes NP3 class 1200 mm dia	metre	6,111.00
15036	R.C.C. pipes NP3 class 1400 mm dia	metre	8,935.00
15037	R.C.C. pipes NP3 class 1600 mm dia	metre	11,254.00
15038	R.C.C. pipes NP3 class 1800 mm dia	metre	14,315.00
15041	R.C.C. pipes NP2 class 150 mm dia	metre	256.00

Code No	Description	Unit	Rate Rs.
15042	R.C.C. pipes NP2 class 200 mm dia	metre	304.00
15043	R.C.C. pipes NP2 class 250 mm dia	metre	360.00
15044	R.C.C. pipes NP2 class 300 mm dia	metre	499.00
15045	R.C.C. pipes NP2 class 350 mm dia	metre	602.00
15046	R.C.C. pipes NP2 class 400 mm dia	metre	718.00
15047	R.C.C. pipes NP2 class 450 mm dia	metre	913.00
15048	R.C.C. pipes NP2 class 500 mm dia	metre	1,002.00
15049	R.C.C. pipes NP2 class 600 mm dia	metre	1,234.00
15050	R.C.C. pipes NP2 class 700 mm dia	metre	1,659.00
15051	R.C.C. pipes NP2 class 800 mm dia	metre	2,100.00
15052	R.C.C. pipes NP2 class 900 mm dia	metre	2,674.00
15053	R.C.C. pipes NP2 class 1000 mm dia	metre	3,127.00
15054	R.C.C. pipes NP2 class 1100 mm dia	metre	3,433.00
15055	R.C.C. pipes NP2 class 1200 mm dia	metre	4,253.00
15056	R.C.C. pipes NP2 class 1400 mm dia	metre	5,103.00
15057	R.C.C. pipes NP2 class 1600 mm dia	metre	6,350.00
15058	R.C.C. pipes NP2 class 1800 mm dia	metre	7,753.00
15201	Precast R.C.C. gully grating with frame 500x450 mm	each	600.00
15202	Circular shape 560 mm dia SFRC manhole cover with frame - H.D. - 20	each	1608.00
15203	Circular shape 560 mm dia SFRC manhole cover with frame - E.H.D. - 35	each	2077.00
15204	Circular shape 560 mm dia SFRC manhole cover - H.D. - 20	each	1188.00
15205	Circular shape 560 mm dia SFRC manhole cover - E.H.D. - 35	each	1538.00
16001	90 mm dia U-PVC pipes with rubber ring (working pressure 6 kg / cm ²)	metre	109.00
16002	110 mm dia U-PVC pipes with rubber ring (working pressure 6 kg / cm ²)	metre	160.00
16003	125 mm dia U-PVC pipes with rubber ring (working pressure 6 kg / cm ²)	metre	207.00
16004	140 mm dia U-PVC pipes with rubber ring (working pressure 6 kg / cm ²)	metre	255.00
16005	160 mm dia U-PVC pipes with rubber ring (working pressure 6 kg / cm ²)	metre	335.00
16006	180 mm dia U-PVC pipes with rubber ring (working pressure 6 kg / cm ²)	metre	428.00
16007	200 mm dia U-PVC pipes with rubber ring (working pressure 6 kg / cm ²)	metre	535.00

Code No	Description	Unit	Rate Rs.
16008	225 mm dia U-PVC pipes with rubber ring (working pressure 6 kg / cm ²)	metre	656.00
16009	250 mm dia U-PVC pipes with rubber ring (working pressure 6 kg / cm ²)	metre	822.00
16010	280 mm dia U-PVC pipes with rubber ring (working pressure 6 kg / cm ²)	metre	1097.00
16011	315 mm dia U-PVC pipes with rubber ring (working pressure 6 kg / cm ²)	metre	1355.00
16021	90 mm dia U-PVC equal Tee	each	513.00
16022	110 mm dia U-PVC equal Tee	each	747.00
16023	125 mm dia U-PVC equal Tee	each	882.00
16024	140 mm dia U-PVC equal Tee	each	1314.00
16025	160 mm dia U-PVC equal Tee	each	1746.00
16026	180 mm dia U-PVC equal Tee	each	2799.00
16027	200 mm dia U-PVC equal Tee	each	3115.00
16028	225 mm dia U-PVC equal Tee	each	3510.00
16029	250 mm dia U-PVC equal Tee	each	5490.00
16030	280 mm dia U-PVC equal Tee	each	6300.00
16031	315 mm dia U-PVC equal Tee	each	9720.00
16041	90 mm dia U-PVC double socketed 90° bend	each	331.31
16042	110 mm dia U-PVC double socketed 90° bend	each	525.22
16043	125 mm dia U-PVC double socketed 90° bend	each	638.33
16044	140 mm dia U-PVC double socketed 90° bend	each	791.80
16045	160 mm dia U-PVC double socketed 90° bend	each	1082.68
16046	180 mm dia U-PVC double socketed 90° bend	each	1525.41
16047	200 mm dia U-PVC double socketed 90° bend	each	1742.00
16048	225 mm dia U-PVC double socketed 90° bend	each	2777.81
16049	250 mm dia U-PVC double socketed 90° bend	each	4309.76
16050	280 mm dia U-PVC double socketed 90° bend	each	8254.28
16051	315 mm dia U-PVC double socketed 90° bend	each	8890.00
16061	90 mm U-PVC double socketed 45/22.5/11.25° bend	each	367.20
16062	110 mm U-PVC double socketed 45/22.5/11.25° bend	each	511.20
16063	125 mm U-PVC double socketed 45/22.5/11.25° bend	each	954.00
16064	140 mm U-PVC double socketed 45/22.5/11.25° bend	each	1098
16065	160 mm U-PVC double socketed 45/22.5/11.25° bend	each	1231.20
16066	180 mm U-PVC double socketed 45/22.5/11.25° bend	each	2008.80
16067	200 mm U-PVC double socketed 45/22.5/11.25° bend	each	3240

Code No	Description	Unit	Rate Rs.
16068	225 mm U-PVC double socketed 45/22.5/11.25° bend	each	4903.20
16069	250 mm U-PVC double socketed 45/22.5/11.25° bend	each	5907.8
16070	280 mm U-PVC double socketed 45/22.5/11.25° bend	each	9257.40
16071	315 mm U-PVC double socketed 45/22.5/11.25° bend	each	14031
16081	90 mm dia End Plug	each	65.47
16082	110 mm dia End Plug	each	109.57
16083	125 mm dia End Plug	each	168.62
16084	140 mm dia End Plug	each	220..05
16085	160 mm dia End Plug	each	268.65
16086	180 mm dia End Plug	each	378.90
16087	200 mm dia End Plug	each	521
16088	225 mm dia End Plug	each	806.51
16089	250 mm dia End Plug	each	1072.01
16090	280 mm dia End Plug	each	2050
16091	315 mm dia End Plug	each	3020
16101	90 mm dia HDPE pipe PE-100	metre	190
16102	110 mm dia HDPE pipe PE-100	metre	279
16103	125 mm dia HDPE pipe PE-100	metre	362
16104	140 mm dia HDPE pipe PE-100	metre	455
16105	160 mm dia HDPE pipe PE-100	metre	592
16106	180 mm dia HDPE pipe PE-100	metre	748
16107	200 mm dia HDPE pipe PE-100	metre	921
16108	225 mm dia HDPE pipe PE-100	metre	1169
16109	250 mm dia HDPE pipe PE-100	metre	1436
16110	280 mm dia HDPE pipe PE-100	metre	1801
16111	315 mm dia HDPE pipe PE-100	metre	2276
16121	90 mm dia HDPE equal "Tee" PE-100	each	333.10
16122	110 mm dia HDPE equal "Tee" PE-100	each	602.04
16123	125 mm dia HDPE equal "Tee" PE-100	each	883.66
16124	140 mm dia HDPE equal "Tee" PE-100	each	1235.42
16125	160 mm dia HDPE equal "Tee" PE-100	each	1842.46
16126	180 mm dia HDPE equal "Tee" PE-100	each	2629.44
16127	200 mm dia HDPE equal "Tee" PE-100	each	3030
16128	225 mm dia HDPE equal "Tee" PE-100	each	3603.04
16129	250 mm dia HDPE equal "Tee" PE-100	each	5123.38
16130	280 mm dia HDPE equal "Tee" PE-100	each	7000.74

Code No	Description	Unit	Rate Rs.
16131	315 mm dia HDPE equal "Tee" PE-100	each	9821.90
16141	90 mm dia HDPE Bend 90 degree PE-100	each	288.70
16142	110 mm dia HDPE Bend 90 degree PE-100	each	521.76
16143	125 mm dia HDPE Bend 90 degree PE-100	each	763.80
16144	140 mm dia HDPE Bend 90 degree PE-100	each	1070.70
16145	160 mm dia HDPE Bend 90 degree PE-100	each	1596.80
16146	180 mm dia HDPE Bend 90 degree PE-100	each	2278.84
16147	200 mm dia HDPE Bend 90 degree PE-100	each	2533.50
16148	225 mm dia HDPE Bend 90 degree PE-100	each	3122.64
16149	250 mm dia HDPE Bend 90 degree PE-100	each	4433.70
16150	280 mm dia HDPE Bend 90 degree PE-100	each	6067.30
16151	315 mm dia HDPE Bend 90 degree PE-100	each	8512.32
16161	90 mm dia HDPE End Plug PE-100	each	76.80
16162	110 mm dia HDPE End Plug PE-100	each	135.80
16163	125 mm dia HDPE End Plug PE-100	each	193.40
16164	140 mm dia HDPE End Plug PE-100	each	265.40
16165	160 mm dia HDPE End Plug PE-100	each	384.40
16166	180 mm dia HDPE End Plug PE-100	each	533.40
16167	200 mm dia HDPE End Plug PE-100	each	650.50
16168	225 mm dia HDPE End Plug PE-100	each	728.60
16169	250 mm dia HDPE End Plug PE-100	each	1010.80
16170	280 mm dia HDPE End Plug PE-100	each	1375.40
16171	315 mm dia HDPE End Plug PE-100	each	1908.20
16181	20 mm dia MDPE pipe	metre	20
16182	25 mm dia MDPE pipe	metre	69
16183	32 mm dia MDPE pipe	metre	81
16201	100mm dia DI K-7 grade S&S pipe	metre	716
16202	150mm dia DI K-7 grade S&S pipe	metre	998
16203	200mm dia DI K-7 grade S&S pipe	metre	1288
16204	250mm dia DI K-7 grade S&S pipe	metre	1700
16205	300mm dia DI K-7 grade S&S pipe	metre	2155
16206	350mm dia DI K-7 grade S&S pipe	metre	2689
16207	400mm dia DI K-7 grade S&S pipe	metre	3227
16208	450mm dia DI K-7 grade S&S pipe	metre	3776
16209	500mm dia DI K-7 grade S&S pipe	metre	4418
16210	600mm dia DI K-7 grade S&S pipe	metre	5851

Code No	Description	Unit	Rate Rs.
16211	700mm dia DI K-7 grade S&S pipe	metre	8162
16212	800mm dia DI K-7 grade S&S pipe	metre	10687
16213	900mm dia DI K-7 grade S&S pipe	metre	12964
16214	1000mm dia DI K-7 grade S&S pipe	metre	15511
16215	1100mm dia DI K-7 grade S&S pipe	metre	21607
16221	100mm dia DI K-9 grade S&S pipe	metre	834
16222	150mm dia DI K-9 grade S&S pipe	metre	1159
16223	200mm dia DI K-9 grade S&S pipe	metre	1563
16224	250mm dia DI K-9 grade S&S pipe	metre	2096
16225	300mm dia DI K-9 grade S&S pipe	metre	2660
16226	350mm dia DI K-9 grade S&S pipe	metre	3318
16227	400mm dia DI K-9 grade S&S pipe	metre	3979
16228	450mm dia DI K-9 grade S&S pipe	metre	4704
16229	500mm dia DI K-9 grade S&S pipe	metre	5461
16230	600mm dia DI K-9 grade S&S pipe	metre	7222
16231	700mm dia DI K-9 grade S&S pipe	metre	9289
16232	800mm dia DI K-9 grade S&S pipe	metre	11533
16233	900mm dia DI K-9 grade S&S pipe	metre	13984
16234	1000mm dia DI K-9 grade S&S pipe	metre	16724
16235	1100mm dia DI K-9 grade S&S pipe	metre	22045
16241	Specials S&S for DI K-7 pipe upto 300mm dia	kg	63.00
16242	Specials S&S for DI K-7 pipe above 300mm dia	kg	73.00
16243	Specials for S&S DI K-9 pipe upto 300mm dia	kg	65.00
16244	Specials for S&S DI K-9 pipe above 300mm dia	kg	75.00
16245	Specials for S&S DI K-12 pipe upto 300mm dia	kg	104
16246	Specials for S&S DI K-12 pipe above 300mm dia	kg	125
16251	Specials flanged for DI K-7 pipe upto 300mm dia	kg	80.00
16252	Specials flanged for DI K-7 pipe above 300mm dia	kg	90.00
16253	Specials flanged for DI K-9 pipe upto 300mm dia	kg	90.00
16254	Specials flanged for DI K-9 pipe above 300mm dia	kg	95.00
16255	Specials flanged for DI K-12 pipe upto 300mm dia	kg	127
16256	Specials flanged for DI K-12 pipe above 300mm dia	kg	130
16261	C.I. "B" class flanged pipe	kg	43
16262	C.I. double flanged standard specials	kg	46
16263	C.I. double flanged non-standard specials	kg	50
16266	Bolts and nuts	kg	53

Code No	Description	Unit	Rate Rs.
16267	MS Strip for making pipe	kg	50
16271	100mm dia DI K-9 grade flanged pipe	metre	1738
16272	150mm dia DI K-9 grade flanged pipe	metre	2462
16273	200mm dia DI K-9 grade flanged pipe	metre	3421
16274	250mm dia DI K-9 grade flanged pipe	metre	4451
16275	300mm dia DI K-9 grade flanged pipe	metre	5669
16276	350mm dia DI K-9 grade flanged pipe	metre	7461
16277	400mm dia DI K-9 grade flanged pipe	metre	9102
16278	450mm dia DI K-9 grade flanged pipe	metre	13253
16279	500mm dia DI K-9 grade flanged pipe	metre	12653
16280	600mm dia DI K-9 grade flanged pipe	metre	16869
16281	700mm dia DI K-9 grade flanged pipe	metre	21199
16282	800mm dia DI K-9 grade flanged pipe	metre	25493
16283	900mm dia DI K-9 grade flanged pipe	metre	31158
16284	1000mm dia DI K-9 grade flanged pipe	metre	37920
16285	1100mm dia DI K-9 grade flanged pipe	metre	39320
16301	80 mm dia Sluice valve PN 1.0 (Cat-A)	each	6950
16302	100 mm dia Sluice valve PN 1.0 (Cat-A)	each	9300
16303	125 mm dia Sluice valve PN 1.0 (Cat-A)	each	11800
16304	150 mm dia Sluice valve PN 1.0 (Cat-A)	each	14100
16305	200 mm dia Sluice valve PN 1.0 (Cat-A)	each	23500
16306	250 mm dia Sluice valve PN 1.0 (Cat-A)	each	33300
16307	300 mm dia Sluice valve PN 1.0 (Cat-A)	each	43900
16308	350 mm dia Sluice valve PN 1.0 (Cat-A)	each	102700
16309	400 mm dia Sluice valve PN 1.0 (Cat-A)	each	114650
16310	450 mm dia Sluice valve PN 1.0 (Cat-A)	each	145200
16311	500 mm dia Sluice valve PN 1.0 (Cat-A)	each	182100
16312	600 mm dia Sluice valve PN 1.0 (Cat-A)	each	274800
16313	700 mm dia Sluice valve PN 1.0 (Cat-A)	each	432700
16314	750 mm dia Sluice valve PN 1.0 (Cat-A)	each	525000
16315	800 mm dia Sluice valve PN 1.0 (Cat-A)	each	548100
16316	900 mm dia Sluice valve PN 1.0 (Cat-A)	each	735350
16317	1000 mm dia Sluice valve PN 1.0 (Cat-A)	each	932500
16321	80 mm dia Sluice valve PN 1.0 (Cat-B)	each	3268
16322	100 mm dia Sluice valve PN 1.0 (Cat-B)	each	4697
16323	125 mm dia Sluice valve PN 1.0 (Cat-B)	each	5779

Code No	Description	Unit	Rate Rs.
16324	150 mm dia Sluice valve PN 1.0 (Cat-B)	each	6873
16325	200 mm dia Sluice valve PN 1.0 (Cat-B)	each	10651
16326	250 mm dia Sluice valve PN 1.0 (Cat-B)	each	19725
16327	300 mm dia Sluice valve PN 1.0 (Cat-B)	each	29657
16328	350 mm dia Sluice valve PN 1.0 (Cat-B)	each	47867
16329	400 mm dia Sluice valve PN 1.0 (Cat-B)	each	59675
16330	450 mm dia Sluice valve PN 1.0 (Cat-B)	each	82671
16331	500 mm dia Sluice valve PN 1.0 (Cat-B)	each	105045
16332	600 mm dia Sluice valve PN 1.0 (Cat-B)	each	130515
16333	700 mm dia Sluice valve PN 1.0 (Cat-B)	each	197479
16334	750 mm dia Sluice valve PN 1.0 (Cat-B)	each	235076
16335	800 mm dia Sluice valve PN 1.0 (Cat-B)	each	293099
16336	900 mm dia Sluice valve PN 1.0 (Cat-B)	each	377971
16337	1000 mm dia Sluice valve PN 1.0 (Cat-B)	each	558604
16341	50 mm dia Kinetic Air Valve (Cat-A)	each	16985
16342	80 mm dia Kinetic Air Valve (Cat-A)	each	17100
16343	100 mm dia Kinetic Air Valve (Cat-A)	each	22800
16344	150 mm dia Kinetic Air Valve (Cat-A)	each	41500
16345	200 mm dia Kinetic Air Valve (Cat-A)	each	59400
16346	50 mm dia Kinetic Air Valve (Cat-B)	each	8426
16347	80 mm dia Kinetic Air Valve (Cat-B)	each	10365
16348	100 mm dia Kinetic Air Valve (Cat-B)	each	14318
16349	150 mm dia Kinetic Air Valve (Cat-B)	each	28389
16350	200 mm dia Kinetic Air Valve (Cat-B)	each	39787
16351	25 mm dia C.I. Flanged Air Valve	each	495
16352	50 mm dia C.I. Flanged Air Valve	each	5830
16361	80 mm dia dual plate check valve PN 1.0 (Cat-A)	each	6000
16362	100 mm dia dual plate check valve PN 1.0 (Cat-A)	each	8020
16363	125 mm dia dual plate check valve PN 1.0 (Cat-A)	each	11690
16364	150 mm dia dual plate check valve PN 1.0 (Cat-A)	each	15200
16365	200 mm dia dual plate check valve PN 1.0 (Cat-A)	each	21342
16366	250 mm dia dual plate check valve PN 1.0 (Cat-A)	each	33033
16367	300 mm dia dual plate check valve PN 1.0 (Cat-A)	each	52350
16368	350 mm dia dual plate check valve PN 1.0 (Cat-A)	each	61031
16369	400 mm dia dual plate check valve PN 1.0 (Cat-A)	each	81417
16370	450 mm dia dual plate check valve PN 1.0 (Cat-A)	each	89869

Code No	Description	Unit	Rate Rs.
16371	500 mm dia dual plate check valve PN 1.0 (Cat-A)	each	111000
16372	600 mm dia dual plate check valve PN 1.0 (Cat-A)	each	161590
16373	700 mm dia dual plate check valve PN 1.0 (Cat-A)	each	216096
16374	750 mm dia dual plate check valve PN 1.0 (Cat-A)	each	264262
16375	800 mm dia dual plate check valve PN 1.0 (Cat-A)	each	282285
16376	900 mm dia dual plate check valve PN 1.0 (Cat-A)	each	401887
16377	1000 mm dia dual plate check valve PN 1.0 (Cat-A)	each	551271
16381	80 mm dia dual plate check valve PN 1.0 (Cat-B)	each	3131
16382	100 mm dia dual plate check valve PN 1.0 (Cat-B)	each	3902
16383	125 mm dia dual plate check valve PN 1.0 (Cat-B)	each	4996
16384	150 mm dia dual plate check valve PN 1.0 (Cat-B)	each	6873
16385	200 mm dia dual plate check valve PN 1.0 (Cat-B)	each	10365
16386	250 mm dia dual plate check valve PN 1.0 (Cat-B)	each	17140
16387	300 mm dia dual plate check valve PN 1.0 (Cat-B)	each	22037
16388	350 mm dia dual plate check valve PN 1.0 (Cat-B)	each	29700
16389	400 mm dia dual plate check valve PN 1.0 (Cat-B)	each	42900
16390	450 mm dia dual plate check valve PN 1.0 (Cat-B)	each	52800
16391	500 mm dia dual plate check valve PN 1.0 (Cat-B)	each	59400
16392	600 mm dia dual plate check valve PN 1.0 (Cat-B)	each	72600
16393	700 mm dia dual plate check valve PN 1.0 (Cat-B)	each	99000
16394	750 mm dia dual plate check valve PN 1.0 (Cat-B)	each	132000
16395	800 mm dia dual plate check valve PN 1.0 (Cat-B)	each	187000
16396	900 mm dia dual plate check valve PN 1.0 (Cat-B)	each	209000
16397	1000 mm dia dual plate check valve PN 1.0 (Cat-B)	each	220000
16401	80 mm Electromagnetic Flow Meter for 80 mm dia line	each	97,535
16402	100 mm Electromagnetic Flow Meter for 100 mm dia line	each	1,79,000
16403	150 mm Electromagnetic Flow Meter for 150 mm dia line	each	1,90,200
16404	200 mm Electromagnetic Flow Meter for 200 mm dia line	each	2,60,000
16405	300 mm Electromagnetic Flow Meter for 300 mm dia line	each	3,31,000
16406	400 mm Electromagnetic Flow Meter for 400 mm dia line	each	5,56,000
16407	500 mm Electromagnetic Flow Meter for 500 mm dia line	each	7,96,000
16408	600 mm Electromagnetic Flow Meter for 600 mm dia line	each	11,78,000
16411	80 mm Bulk Flow Meter for 80 mm dia line	each	6411
16412	100 mm Bulk Flow Meter for 100 mm dia line	each	8913
16413	150 mm Bulk Flow Meter for 150 mm dia line	each	15600
16414	200 mm Bulk Flow Meter for 200 mm dia line	each	24622

Code No	Description	Unit	Rate Rs.
16415	300 mm Bulk Flow Meter for 300 mm dia line	each	51141
16416	400 mm Bulk Flow Meter for 400 mm dia line	each	87957
16417	500 mm Bulk Flow Meter for 500 mm dia line	each	131851
16418	600 mm Bulk Flow Meter for 600 mm dia line	each	142090
16441	80 mm dia butterfly valve PN 1.0	each	2952
16442	100 mm dia butterfly valve PN 1.0	each	3800
16443	125 mm dia butterfly valve PN 1.0	each	4800
16444	150 mm dia butterfly valve PN 1.0	each	5200
16445	200 mm dia butterfly valve PN 1.0	each	10100
16446	250 mm dia butterfly valve PN 1.0	each	20500
16447	300 mm dia butterfly valve PN 1.0	each	25750
16448	350 mm dia butterfly valve PN 1.0	each	44850
16449	400 mm dia butterfly valve PN 1.0	each	55500
16450	450 mm dia butterfly valve PN 1.0	each	64700
16451	500 mm dia butterfly valve PN 1.0	each	72925
16452	600 mm dia butterfly valve PN 1.0	each	121980
16453	700 mm dia butterfly valve PN 1.0	each	173300
16454	750 mm dia butterfly valve PN 1.0	each	226200
16455	800 mm dia butterfly valve PN 1.0	each	249650
16456	900 mm dia butterfly valve PN 1.0	each	295700
16457	1000 mm dia butterfly valve PN 1.0	each	386800
16501	Rubber insertions for 100 mm dia pipe joints	each	13
16502	Rubber insertions for 125 mm dia pipe joints	each	14
16503	Rubber insertions for 150 mm dia pipe joints	each	17
16504	Rubber insertions for 200 mm dia pipe joints	each	22
16505	Rubber insertions for 250 mm dia pipe joints	each	33
16506	Rubber insertions for 300 mm dia pipe joints	each	42
16507	Rubber insertions for 350 mm dia pipe joints	each	50
16508	Rubber insertions for 400 mm dia pipe joints	each	73
16509	Rubber insertions for 450 mm dia pipe joints	each	91
16510	Rubber insertions for 500 mm dia pipe joints	each	117
16511	Rubber insertions for 600 mm dia pipe joints	each	130
16512	Rubber insertions for 700 mm dia pipe joints	each	132
16513	Rubber insertions for 800 mm dia pipe joints	each	138
16514	Rubber insertions for 900 mm dia pipe joints	each	143
16515	Rubber insertions for 1000 mm dia pipe joints	each	149

Code No	Description	Unit	Rate Rs.
16516	Rubber insertions for 1100 mm dia pipe joints	each	154
16521	Bolts and nuts 16 mm dia 60 mm long	each	9
16522	Bolts and nuts 16 mm dia 65 mm long	each	9
16523	Bolts and nuts 20 mm dia 65 mm long	each	13
16524	Bolts and nuts 20 mm dia 70 mm long	each	13
16525	Bolts and nuts 20 mm dia 75 mm long	each	13
16526	Bolts and nuts 20 mm dia 80 mm long	each	14
16527	Bolts and nuts 24 mm dia 85 mm long	each	26
16528	Bolts and nuts 24 mm dia 90 mm long	each	29
16529	Bolts and nuts 27 mm dia 100 mm long	each	33
16592	200 mm dia C.I. float valve system	each	42273
16593	250 mm dia C.I. float valve system	each	55000
16594	300 mm dia C.I. float valve system	each	68200
16595	350 mm dia C.I. float valve system	each	83463
16596	400 mm dia C.I. float valve system	each	99000
16601	80 mm dia C.I. dismantling joint PN 1.0	each	1938
16602	100 mm dia C.I. dismantling joint PN 1.0	each	2572
16603	125 mm dia C.I. dismantling joint PN 1.0	each	3131
16604	150 mm dia C.I. dismantling joint PN 1.0	each	4101
16605	200 mm dia C.I. dismantling joint PN 1.0	each	5741
16606	250 mm dia C.I. dismantling joint PN 1.0	each	7531
16607	300 mm dia C.I. dismantling joint PN 1.0	each	8650
16608	350 mm dia C.I. dismantling joint PN 1.0	each	12043
16609	400 mm dia C.I. dismantling joint PN 1.0	each	15735
16610	450 mm dia C.I. dismantling joint PN 1.0	each	19066
16611	500 mm dia C.I. dismantling joint PN 1.0	each	22074
16612	600 mm dia C.I. dismantling joint PN 1.0	each	29532
16621	80 mm dia C.I. dismantling joint class-10	each	201
16622	100 mm dia C.I. dismantling joint class-10	each	244
16623	125 mm dia C.I. dismantling joint class-10	each	319
16624	150 mm dia C.I. dismantling joint class-10	each	397
16625	200 mm dia C.I. dismantling joint class-10	each	578
16626	250 mm dia C.I. dismantling joint class-10	each	770
16627	300 mm dia C.I. dismantling joint class-10	each	947
16628	350 mm dia C.I. dismantling joint class-10	each	1593
16629	400 mm dia C.I. dismantling joint class-10	each	1874

Code No	Description	Unit	Rate Rs.
16630	450 mm dia C.I. dismantling joint class-10	each	2196
16631	500 mm dia C.I. dismantling joint class-10	each	3100
16632	600 mm dia C.I. dismantling joint class-10	each	4772
16641	80 mm dia C.I. dismantling joint class-15	each	201
16642	100 mm dia C.I. dismantling joint class-15	each	244
16643	125 mm dia C.I. dismantling joint class-15	each	322
16644	150 mm dia C.I. dismantling joint class-15	each	409
16645	200 mm dia C.I. dismantling joint class-15	each	582
16646	250 mm dia C.I. dismantling joint class-15	each	787
16647	300 mm dia C.I. dismantling joint class-15	each	974
16648	350 mm dia C.I. dismantling joint class-15	each	1708
16649	400 mm dia C.I. dismantling joint class-15	each	1985
16650	450 mm dia C.I. dismantling joint class-15	each	2392
16651	500 mm dia C.I. dismantling joint class-15	each	3322
16652	600 mm dia C.I. dismantling joint class-15	each	5195
16661	80 mm dia C.I. transition coupling joint	each	391
16662	100 mm dia C.I. transition coupling joint	each	460
16663	125 mm dia C.I. transition coupling joint	each	645
16664	150 mm dia C.I. transition coupling joint	each	737
16665	200 mm dia C.I. transition coupling joint	each	898
16666	250 mm dia C.I. transition coupling joint	each	1233
16667	300 mm dia C.I. transition coupling joint	each	1648
16668	350 mm dia C.I. transition coupling joint	each	3123
16669	400 mm dia C.I. transition coupling joint	each	3919
16670	450 mm dia C.I. transition coupling joint	each	4599
16671	500 mm dia C.I. transition coupling joint	each	7055
16701	150 mm dia SS Stainer cylindrical type	each	5005
16702	200 mm dia SS Stainer cylindrical type	each	7370
16703	250 mm dia SS Stainer cylindrical type	each	17435
16704	300 mm dia SS Stainer cylindrical type	each	23705
16705	350 mm dia SS Stainer cylindrical type	each	33330
16706	400 mm dia SS Stainer cylindrical type	each	43010
16707	450 mm dia SS Stainer cylindrical type	each	52690
16708	500 mm dia SS Stainer cylindrical type	each	59070
16709	600 mm dia SS Stainer cylindrical type	each	96910
16711	125 mm dia expansion bellows	each	4400

Code No	Description	Unit	Rate Rs.
16712	150 mm dia expansion bellows	each	6820
16713	200 mm dia expansion bellows	each	12100
16714	250 mm dia expansion bellows	each	19140
16715	400 mm dia expansion bellows	each	48400
16716	500 mm dia expansion bellows	each	75900
16717	600 mm dia expansion bellows	each	110000
16721	Pressure gauge -1 to + 1.0 kg/sq.cm. with isolation vave	each	385
16722	Pressure gauge 0 to 4.0 kg/sq.cm. with isolation vave	each	440
16723	Pressure gauge 0 to 6.0 kg/sq.cm. with isolation vave	each	550
16724	Pressure gauge 0 to 10 kg/sq.cm. with isolation vave	each	660
16751	15mm dia brass ferrul	each	88
16752	20mm dia brass ferrul	each	125
16753	25mm dia brass ferrul	each	172
16801	Bleaching powder	kg	22
22020	Pile testing for vertical load	MT	250.00
22021	Pile testing for lateral load	MT	4,200.00
9999	Lump sum provision	LS	1.00