

Kirari Sewerage Project

SL no	Description of work	UOM	Unit Rate
1	2		6
Dismantling/Demolition work			
1	All charges for dismantling of flexible pavement (bituminous courses) by mechanical means and disposal of dismantled material up to a lead of 1 kilometre, as per direction of Engineer-in-charge.	Cum	198.00
2.A	All charges for demolishing cement concrete by JCB Breaker including disposal of material within 50 metres lead as per direction of Engineer - in - charge.(1:3:6 or richer mix)	Cum	698.00
2.B	All charges for demolishing cement concrete by Tractor Breaker including disposal of material within 50 metres lead as per direction of Engineer - in - charge. (1:3:6 or richer mix)	Cum	840.00
3	All charges for demolishing dry brick pitching in floors, drains etc.i/c stacking serviceable material and disposal of unserviceable material within 50 m lead as per direction of EIC..	cum	446.00
4	All charges for demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 meters lead as per direction of engineer-in-charge. In cement mortar	Cum	431.00
5	All charges for demolishing R.C.C. work manually /by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 meter lead as per direction of engineer- in-charge.	Cum	891.00
Excavation work			
6	All charges for Earth work in excavation by manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.All kinds of soil	Cum	139.00
	All charges for Earth work in excavation by mechanical means (Hydraulic excavator)over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed. All kinds of soil	Cum	74.00
7	All charges for Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked materials. All kinds of soil.	Cum	25.00
Shoring/Strutting work			
9	All charges for Open timbering in trenches including strutting and shoring complete (measurements to be taken of the face area timbered):as per direction of EIC.		-
	i) Depth not exceeding 1.5 m.	Sqm	50.00
	ii) Depth exceeding 1.5 m but not exceeding 3 m.	Sqm	59.00
10	All charges for Open timbering in case of shafts, wells, cesspits, manholes and the like including strutting, shoring and packing cavities (wherever required) etc. complete. (Measurements to be taken of the face area timbered).		-
	i) Depth not exceeding 1.5 m .	Sqm	50.00
	ii) Depth exceeding 1.5 m but not exceeding 3 m.	Sqm	59.00
	All charges for Close timbering in trenches including strutting, shoring and packing cavities (wherever required) complete. (Measurements to be taken of the face area timbered).		-
	i) Depth not exceeding 1.5 m .	Sqm	84.00

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11	ii) Depth exceeding 1.5 m but not exceeding 3 m.	Sqm	94.00
	iii) Depth exceeding 3 m but not exceeding 4.5 m.	Sqm	109.00
	iv) Depth exceeding 4.5 m but not exceeding 6 m.	Sqm	139.00
	v) Depth exceeding 6.0 m but not exceeding 7.5 m.	Sqm	139.00
12	All charges for Close timbering in case of shafts, wells, cesspits, manholes and the like including strutting, shoring and packing cavities (wherever required) etc. complete. (Measurements to be taken of the face area timbered).		-
	i) Depth not exceeding 1.5 m .	Sqm	84.00
	ii) Depth exceeding 1.5 m but not exceeding 3 m.	Sqm	94.00
	iii) Depth exceeding 3 m but not exceeding 4.5 m.	Sqm	109.00
	iv) Depth exceeding 4.5 m but not exceeding 6 m.	Sqm	139.00
	v) Depth exceeding 6.0 m but not exceeding 7.5 m.	Sqm	139.00
House connection work/Other associated Pipeline work			
13.A	All charges for Repairing and shifting existing houses water connection including GI fitting such as elbow,sockets,unions etc and complete in all respect as per direction of EIC	Each	436.00
14	All charges for Centering and Shuttering including strutting , propping etc.and removal of form for		-
	Foundations,footing,bases of columns etc. for mass concrete	Sqm	198.00
15	All charges for Providing and laying in position specified grade of cement concrete excluding the cost of centering and shuttering- all work up to plinth level: Cement shall be free issue reconciliation basis to S/c and Sub contractor has to collect the material from L&T's store without any extra cost.		-
	i) 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	Cum	3,366.00
16	All charges for Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :Cement shall be free issue reconciliation basis to S/c and Sub contractor has to collect the material from L&T's store without any extra cost.		-
	i) 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	Cum	3,366.00
18	All charges for Steel Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.Cold twisted bars. TMT/Steel shall be free issue reconciliation basis to S/c and Sub contractor has to collect the material from L&T's store without any extra cost.	Kg	5.00
19	All charges for laying of stone soling including packing with smaller stones and consolidating with steel rammer including spreading and consolidating of blinding material moorum or earth etc. complete (payment to be made for quantity of only stone soling used after deducting voids excluding blinding material (Sub soil water consider 2.6 m below ground level) as per direction of EIC.	Cum	1,139.00

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20	Brick work with common brunt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in : as per direction of EIC.		-
	All charges for Cement Mortar 1:4 (1 cement :4 coarse sand) and Cement shall be free issue reconciliation basis to S/c and Sub contractor has to collect the material from L&T's store without any extra cost.	Cum	4,109.00
21	All charges for 12 mm cement plaster of mix : 1:4 (1 cement: 4 coarse sand) and Cement shall be free issue reconciliation basis to S/c and Sub contractor has to collect the material from L&T's store without any extra cost.	Sqm	124.00
22	All charges for Neat cement punning. Cement shall be free issue reconciliation basis to S/c and Sub contractor has to collect the material from L&T's store without any extra cost.	Sqm	35.00
Pipe Laying work			
24(a)	All charges for Lowering, laying and jointing of class SN 8 structure wall (external annular corrugated and smooth internal surface)polyethylene piping and fitting with the help of coupler (online/offline) attached with one end of pipes, sliding over the elastomeric sealing rubber ring placed on the specified valley of the corrugation at the spigot end, lowering the same into the trench, laying on the lower bedding (constructed at bottom of trenches) at prescribed gradient, depth and alignment ,testing the water tightness of joints, ensuring the continuity test of specified pipe segment etc.complete as per drawing, specification and detailed engineering, including carriage of pipe and fitting from sit stacks to the place of laying etc, as per direction of engineer - in - charge. Pipes & fittings if any shall be free issue reconciliation basis to S/c and Sub contractor has to collect the material from L&T's store without any extra cost. (80% after laying & jointing , balance after complete testing & commissioning.)		-
	For DWC HDPE pipe 250mm dia internal dia	meter	44.00
	For DWC HDPE pipe 300mm dia intenal dia	meter	50.00
	For DWC HDPE pipe 400 mm dia internal dia	meter	66.00
	For DWC HDPE pipe 500 mm dia internal dia	meter	79.00
24(b)	All charges for Laying & positioning in trenches PE - 80 PN 4 pipes as per IS: 7634 (Part II & III) including testing but excluding the cost of jointing.Pipes & fittings if any shall be free issue reconciliation basis to S/c and Sub contractor has to collect the material from L&T's store without any extra cost.		-
	630 mm OD & wall thickness = 33.2mm	Meter	178.00
	710 mm OD & wall thickness = 37.4mm	Meter	198.00
26	All charges for lowering, laying and jointing in trenches NP3 class RCC pipe HDPE Lining (2-3 mm thick) (Midium Duty) having S&S Joint with rubber ring complete ISI marked as per IS-458-2003.Pipes & fittings if any shall be free issue reconciliation basis to S/c and Sub contractor has to collect the material from L&T's store without any extra cost.		-
	For 700 mm inner dia NP3 R.C.C S & S pipe	Meter	693.00
	For 800 mm inner dia NP3 R.C.C S & S pipe	Meter	726.00

SL no	Description of work	UOM	Unit Rate
	For 900 mm inner dia NP3 R.C.C S & S pipe	Meter	740.00
	Bedding of Pipe line		
27	All charges for supplying and filling in plinth with Jamuna sand under floors, including watering, ramming, consolidating and dressing complete as per direction of EIC	Cum	782.00
28	All charges for providing granular bedding with carefully compacted backfill using graded hard crusher broken stone of 100 % passing through 20 mm sieve, 20 -50 % passing through 10 mm sieve and 100 % retained on 600 sieve, laying in layers in layers not more than 15 cm thick including ramming, compaction etc. complete for pipe bedding and surrounding a per drawing and / or as directed by engineer - in - charge.	Cum	1,965.00
	HDPE Jointing work		
29	All charges for providing butt fusion welding joint to PE 80 PN 4 HDPE pipes as per DVS 2207 Part II Length of pipe divided by 6 since the length of pipe taken 6 mtr		-
	630 mm OD & wall thickness = 33.2mm	Each Joint	1,188.00
	710 mm OD & wall thickness = 37.4mm	Each Joint	1,386.00
	Stoneware work		
30	All charges for laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc complete. Pipes & fittings and other materials if any shall be free issue reconciliation basis to S/c and Sub contractor has to collect the material from L&T's store without any extra cost.		-
	150 mm diameter (provision for 4 numbers in domestic connections in each manholes, considering .6 mtr length in each)	Meter	54.00
31	All charges for providing and laying cement concrete 1:5: 10 (1 cement :5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all - round S.W pipes including bed concrete as per standard design:Materials like cement , Steel, admixture if any shall be free issue reconciliation basis to S/c and Sub contractor has to collect the material from L&T's store without any extra cost.		-
	150 mm diameter (provision for 4 numbers in domestic connections in each manholes, considering .6 mtr length in each)	Meter	391.00
	Other Pipeline activity		
32	All charges for construction of bundh with filled up earth in empty (PVC) cement bags (excluding the cost of earth which will be available at site of work) including stitching/ stacking placing in position and removing the same etc. including the cost of empty (PVC) cement bags complete.	Each	10.00
	Dewatering work		
33	All charges for Hire charges of Pump set of capacity 4000 litres/hour including cost of service of operating staff and supply of lubricating oil (650+1=656.50+15%= 754.98) as per direction of EIC	Shift (8 hours per day)	645.00
	Desilting work		

SL no	Description of work	UOM	Unit Rate
34	All charges for De-silting of sewer line based on bucket system in running and under foul condition for depth not exceeding 1.5 m i/c removal of stones, brick bats, garbage, silt etc. and stacking the same on the bank of sewer line manhole at a distance upto 50 m from centre of sewer line as per CPWD specification complete and lift upto 1.50 m.	Cum	337.00
35	All charges for de-silting of open Nallah (based on bucket system) in running and under foul condition for depth not exceeding 1.5 m i/c removal of silt, stones brick bats, garbage such etc. and stacking the same on the bank of Nallah at a distance upto 50 m from centre of Nallah complete i/c all lifts etc.	Cum	446.00
36	All charges for Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement and making necessary channels for the drain etc. complete .Materials like cement , Steel , admixture if any shall be free issue reconciliation basis to S/c and Sub contractor has to collect the material from L&T's store without any extra cost.		-
	For pipes 350 to 450 mm diameter	Each	792.00
Manhole works			
37	All charges for constructing sewer brick masonry with modular extruded burnt fly ash clay confirming IS 4885 manhole (Chamber) in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C 15 mm thick top slab with 1:2:4 mix (1 cement : 2 coarse : 4 graded stone aggregate 20mm nominal size), foundation concrete 1 :4 :8 mix (1 cement :4 coarse sand :8 graded stone aggregate 40 mm nominal size) and 12 mm thick cement plaster both inside and outside with cement mortar 1 :4 (1 cement :4 coarse sand)and inside plaster to be finished with floating coat of neat cement and making necessary channels in cement concrete 1:2:4 (1 cement :2 coarse sand :4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design.:Inside size 90 X 80 cm and 45 cm deep including circular shape 560 mm dia SFRC manhole cover with frame H.D -20 With extruded burnt sewer bricks conforming to IS :4885 .Materials like cement , Steel if any shall be free issue reconciliation basis to S/c and Sub contractor has to collect the material from L&T's store without any extra cost.	Each	4,257.00
38	Extra for depth for manhole/chamber Size 90 X 80 cm beyond 45 cm upto IL 90 cm With extruded burnt sewer bricks conforming to IS : 4885	Per Meter depth	5,049.00

SL no	Description of work	UOM	Unit Rate
39	<p>Constructing brick masonry circular manhole 3'-00" internal dia(0.9 m) at bottom and 1'-10" or 0.56 m dia at top, depth upto IL 3 ft. or 0.9 m. Built in brick work with extruded burnt sewer brick (in FPS Size) confirming to IS-4885-1988 in curved in cement mortar 1:4 (1 cement : 4 coarse sand) excluding excavation but including 9" or (0.23 m) thick foundation concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) including centering and shuttering and fixing SFRC manhole cover and frame (Heavy Duty) 560 mm internal dia fixed in cement conc. 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and 12 mm thick cement plaster both inside and outside with cement mortar 1:4 (1 cement : 4 coarse sand) and inside plaster to be finished with a floating coat of neat cement. Making necessary channel in cement conc. 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) all complete as per departmental drawings and as directed by Engineer-in-Charge. Materials like cement , Steel if any shall be free issue reconciliation basis to S/c and Sub contractor has to collect the material from L&T's store without any extra cost.</p>	Each	5,623.00
	Cement required 2.68 quintals/Each		-
40	<p>All charges for Extra per meter depth of 3'-0" dia or 0.9 m internal circular manhole beyond 3'-0" or 0.91 m up to IL 5'-6" or 1.67 m depth built in brickwork (in FPS Size) with extruded burnt sewer bricks conforming to IS-4885-1988 in curved in cement mortar 1:4(1 cement : 4 coarse sand) 12 mm thick plaster both inside and outside with cement mortar 1 : 4(1 cement : 4 coarse sand) and inside plaster to be finished with a floating coat of neat cement and all complete as per departmental drawings and as directed by Engineer-in - charge. Materials like cement , Steel if any shall be free issue reconciliation basis to S/c and Sub contractor has to collect the material from L&T's store without any extra cost.</p>	Per Meter depth	4,257.00
	Cement required 1 .35 quintals/Meter depth		-
41	<p>All charges for Constructing brick masonry circular manhole 4'-0" or 1.22 m internal dia at bottom and 1'-10" or 0.56 m dia at top, depth upto IL 5'-6" or 1.67 m built in brick work with extruded burnt sewer brick (in FPS Size) confirming to IS-4885-4988 in curved in cement mortar 1:4 (1 cement : 4 coarse sand) excluding excavation but including 12" or (0.30 m) thick foundation concrete 1:3:6(1 cement : 3coarse sand : 6 graded stone aggregate 40 mm nominal size) including centering and shuttering and fixing SFRC manhole cover and frame (Heavy Duty) 560 mm internal dia fixed in cement conc. 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and 12 mm thick cement plaster both inside and outside with cement mortar 1:4 (1 cement : 4 coarse sand) and inside plaster to be finished with a floating coat of neat cement. Making necessary channel in cement conc. 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) all complete as per departmental drawings and as directed by Engineer-in-Charge. Materials like cement , Steel if any shall be free issue reconciliation basis to S/c and Sub contractor has to collect the material from L&T's store without any extra cost.</p>	Each	11,781.00
	Cement required 5.46 quintals/Each		-

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42	All charges for Extra per meter depth of 4'-0" dia or 1.22 m dia internal circular manhole beyond 5'-6" or 1.67 m up to IL 7'-6" or 2.28 m depth built in brickwork (in FPS Size) with extruded burnt sewer bricks conforming to IS-4885-1988 in curved in cement mortar 1:4(1 cement : 4 coarse sand) 12 mm thick plaster both inside and outside with cement mortar 1 : 4(1 cement : 4 coarse sand) and inside plaster to be finished with a floating coat of neat cement and all complete as per departmental drawings and as directed by Engineer-in - charge.Materials like cement , Steel if any shall be free issue reconciliation basis to S/c and Sub contractor has to collect the material from L&T's store without any extra cost.	Per Meter depth	5,198.00
	Cement required 1.62 QTL/meter depth		-
43	All charges for constructing brick masonry circular manhole 5'-0" or 1.52 m internal dia at bottom and 1'-10" or 0.56 m dia at top, depth upto IL 7'-6" or 2.28 m built in brick work with extruded burnt sewer brick (in FPS Size) confirming to IS-4885-1988 in curved in cement mortar 1:4 (1 cement : 4 coarse sand) excluding excavation and soling, but including 12" or (0.30 m) thick foundation concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) including centering and shuttering and fixing SFRC manhole cover and frame (Heavy Duty) 560 mm internal dia fixed in cement conc. 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and 12 mm thick cement plaster both inside and outside with cement mortar 1:4 (1 cement : 4 coarse sand) and inside plaster to be finished with a floating coat of neat cement. Making necessary channel in cement conc. 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) all complete as per departmental drawings and as directed by Engineer-in-Charge.Materials like cement , Steel if any shall be free issue reconciliation basis to S/c and Sub contractor has to collect the material from L&T's store without any extra cost.	Each	25,245.00
	Cement required 13.71 Quintals/Each		-
44	All charges for Extra per meter depth of 5'-0" dia or 1.52 m dia internal circular manhole built in brickwork with extruded burnt sewer bricks (in FPS Size) conforming to IS-4885-1988 in curved in cement mortar 1:4(1 cement : 4 coarse sand) 12 mm thick plaster both inside and outside with cement mortar 1 : 4(1 cement : 4 coarse sand) and inside plaster to be finished with a floating coat of neat cement and all complete as per departmental drawings and as directed by Engineer-in - charge.(cost of providing and fixing of plastic encapsulated foot rest shall be paid separately).Materials like cement , Steel if any shall be free issue reconciliation basis to S/c and Sub contractor has to collect the material from L&T's store without any extra cost.		-
	i) Beyond 7'-6" or 2.28 m an up to IL 13'8" or 4.16 m (cement required 3.50 Quintal/meter depth)	Per Meter depth	12,276.00
	ii) Beyond 13'-8" or 4.16 m an up to IL 20'-0" or 6.09 m (cement required 5.08 Quintal/meter depth)	Per Meter depth	16,830.00
	ii) Beyond 20'-0" or 6.09 m an up to IL 37'-0" or 11.27 m (cement required 5.62 Quintal/meter depth)	Per Meter depth	18,018.00
	Backfilling work		
50	All charges for Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering ,lead up to 50 m and lift upto 1.5 m.	Cum	44.00

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	Footrest		
			-
51	All charges for fixing orange color safety foot rest of minimum 6 mm thick plastic encapsulated as per IS : 10910 on 12mm dia steel bar conforming to IS : 1786 having minimum cross section as 23 mmx25mm and over all minimum length 263 mm and width as 165mm with minimum 112 mm space between protruded legs having 2 mm tread on top surface by ribbing or chequering besides necessary and adequate anchoring projections on tail length on 138 mm as per standard drawing including fixing in manholes with 30x20x15 cm cement concrete block 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) complete as per design.	Each	64.00
	Disposal work		
52 (a)	All charges for carrying out carriage of material by mechanical transport including loading, unloading and stacking at site upto 5.0 km lead	Cum	79.00
52 (b)	All charges for carrying out carriage of material by mechanical transport including loading, unloading and stacking at site upto 10 km lead	Cum	149.00
53 (a)	All charges for carrying out carriage of material by manual labour including loading, unloading and stacking for additional lead for 150 m	Cum	30.00
53 (b)	All charges for carrying out carriage of material by manual labour including loading, unloading and stacking for additional lead for 250 m.	Cum	40.00
	Interconnection and Other miscellaneous work- Under Sub -Soil water		
54	All charges for Providing sand cast iron drop connection externally for 60 cm drop from branch sewer line to main sewer manhole including inspection and cleaning eye with chain and lid , sand cast iron drop pipe and bend encased all - round with cement concrete 1:5:10(1 cement :5 fine sand :10 graded stone aggregate 40 mm nominal size) with all centering and shuttering required ,cutting holes in walls and making good with brick in cement mortar 1:4(1 cement :4 coarse sand)plastered with cement mortar 1:3(1 cement :3 coarse sand)on inside of the manhole wall lead caulked joints between sand cast iron pipes and fittings ,stiff cement mortar 1:1(1 cement:1 fine sand)joints between sand cast iron 1 :1 (1 cement :1 fine sand)joints between sand iron tee and S.W. pipe ,making required channels completes per standard design and specification .Materials like cement , Steel if any shall be free issue reconciliation basis to S/c and Sub contractor has to collect the material from L&T's store without any extra cost.		-
	150 mm dia .sand cast iron drop connection	Each	5,940.00
55	Extra for depths beyond 60 cm of sand cast iron drop connection complete :		-
	For 150 mm dia .sand cast iron drop connection	Meter	1,782.00
56	All charges/Extra rates for quantities of earth works, executed in or under water and /or liquid mud ,i/c pumping out water as required Note-Sub soil water considered 3 m below ground	Cum per meter depth	17.00
57	All charges/Extra for laying R.C.C in or under water and /or liquid mud i/c cost of pumping or bailing out water and removing slush etc.complete	Cum per meter depth	505.00
	All charges/Extra for laying DWC pipe in or under water or liquid mud including cost of pumping or bailing out water and removing slush etc.complete (TAKING 20% OF cost of laying)		-

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58	250 mm ID & wall thickness	Meter/ Meter Depth	15.00
	300mm ID & wall thickness	Meter/ Meter Depth	20.00
	400mm ID & wall thickness	Meter/ Meter Depth	25.00
	500mm ID & wall thickness	Meter/ Meter Depth	35.00
59	All charges/Extra for laying HDPE with PE lining in or under water or liquid mud including cost of pumping or bailing out water and removing slush etc.complete. (Cost of laying + cost of jointing/6)*20%		-
	630mm OD (81.30)*20%	Meter/ Meter Depth	25.00
	710 mm OD (102.60)*20%	Meter/ Meter Depth	30.00
60	All charges/Extra for laying RCC NP3 pipe with PE lining in or under water or liquid mud including cost of pumping or bailing out water and removing slush etc.complete		-
	For 700 mm inner dia NP3 R.C.C S & S pipe	Meter/ Meter Depth	39.00
	For 800 mm inner dia NP3 R.C.C S & S pipe	Meter/ Meter Depth	40.00
	For 900 mm inner dia NP3 R.C.C S & S pipe	Meter/ Meter Depth	40.00
61	All charges/Extra for laying stone works in or under water and/ or liquid mud including cost of pumping and bailing out water and removing slush etc complete	Cum per meter depth	267.00
62	All charges/Extra for laying brick work in or under water and /or liquid mud i/c cost of pumping or bailing out water and removing slush etc.complete	Cum per meter depth	525.00
63	All charges/Extra for laying R.C.C in or under water and /or liquid mud i/c cost of pumping or bailing out water and removing slush etc.complete Note-Sub soil water considered 3 m below ground	Cum per meter depth	525.00
Barricading work			
66	Providing & fixing 2.0m high corrugated GI sheet barricading with safeda ballies of 100 mm dia 2.8 meter long post 30 cm girth (min) for CGI sheet and every 12th post to be strutted with ballies and fixing with nails etc including excavation holes size of .30x30x.40 meters getting out the excavation sol and then returning the soil including consolidating by ramming watering etc. disposal of surplus earth as directed with in lead of 50.0 meter and lift of 1.5 meter and painting with bright red and white paint vertical strips .30 m wide and 1.25 m apart center to center as per drawing as directed by Engineer -in -charge .	Sqm	30.00