

REVAMPING OF GUJJAR NALA INCLUDING SERVICE ROAD					
Bill of Quantities (Sewerage System)					
S.NO	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Rs.)
<b>PART-A (SCHEDULE ITEMS)</b>					
1	<b>EXCAVATION</b> Excavation for pipe line in trenches, and pits in all kind of soils i/c trimming and dressing sides to true alignment and shape, leveling of beds of trenches to correct level and grade cutting joints holes and disposal of surplus earth with in a one chain as directed by the Engineering Incharge, providing fence guard light flags and temporary crossing for non vehicular traffic where ever required lift upto 5 ft (1.52 m) and lead upto one chain (30.5 m)				
1.1	<b>Trench Depth (0.0 m to 1.5 m)</b>	m³	837.68		
2	Carriage of 100 Cft/5 Tons of all type of excavated materials like garbage, earth, stone aggregate, spawl, coal, lime, surkhi etc: B.G Rails fastening points and crossing bridge, girder, pipes, sheets rails, M.S bars etc: by trucks or any other means owned by the contractor. 7th mile	m³	837.68		
3	<b>BACKFILLING</b> Refilling the excavated stuff in trenches 6" thick layer i/c watering ramming to full compaction etc, complete.	m³	736.43		
4	Carriage of 100 Cft/5 Tons of all type of materials like backfill material, garbage, earth, stone aggregate, spawl, coal, lime, surkhi etc: B.G Rails fastening points and crossing bridge, girder, pipes, sheets rails, M.S bars etc: by trucks or any other means owned by the contractor.	m³	736.43		
5	<b>RCC PIPES</b> Providing, laying of RCC pipe of ASTM C-76-62 T/C-76-70 of class II wall B and fixing in trenches i/c cutting, fitting and jointing with rubber ring i/c testing with water to specified pressure etc. complete in all respect as per instruction of engineer in charge and specification.				
5.1	<b>300 mm I.D</b>	R.m	801.90		
<b>CONSTRUCTION OF MANHOLE</b>					
6	<b>EXCAVATION</b> Excavation for tanks and reservoir in all kind of soils i/c trimming and dressing sides to true alignment/design section/ profiles and shape, leveling of beds of trenches to correct level and grade i/c laying of earth in 6" layer for construction of banks and dressing and disposal of surplus earth. with in a one chain as directed by the Engineering Incharge, providing fence guard light flags and temporary crossing for non vehicular traffic where ever required lift upto 5 ft (1.52 m) and lead upto one chain (30.5 m)	m³	644.21		
7	<b>CONCRETE WORKS</b> Cement concrete plain including placing compacting, finishing and curing, complete including screening and washing of stone aggregate without shuttering. <b>(Ratio 1:4:8)</b>	m³	26.33		

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8	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab, beams, columns, rafters, lintels and other structural members laid in situ or precast laid in position completed in all respects. Ratio (1:2:4) 90 Lbs cement 2Cft sand 4Cft shingle 1/8" to 1/4" gauge complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer. <b>(Ratio 1:2:4)</b>				
8.1	<b>BED SLAB , WALLS &amp; TOP SLAB</b>	m³	320.63		
9	<b>BITUMEN COATING</b> Bitumen coating to plastered or cement concrete surface, complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	m²	985.50		
9.1	<b>STEEL REINFORCEMENT</b> Providing and fabrication of steel reinforcement for cement concrete, including cutting, bending, laying in position, ranking joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars). The rate includes wastage, overlaps and chairs etc. Deformed bars (60,000 psi).				
8.1	<b>b) Using Tor Bars</b>	Ton	21.60		
9	<b>WATER STOPPER</b> Providing " expansion joint" in concrete work of 9" wide corrugated PVC water Stopper ( with Bulb ) i/c Soldering cost of material and labour etc. complete.	R.m	491.00		
<b>TOTAL AMOUNT OF SCHEDULED ITEMS (Rs.)</b>					
<b>Part- B (NON SCHEDULE ITEMS)</b>					
10	<b>SELECTED BACKFILL</b> Backfilling the excavated material (clean) in trenches in 150mm thick layer including watering, ramming to full compaction etc complete in all respect as per drawing ,specification and as directed by the Engineer/Representative.	m³	340.20		
11	<b>R.C.C MANHOLE COVER</b> Manufacturing and supply RCC manhole covers cast in 1:2:4 concrete ratio using SRC, 3 inch deep at center reinforced with 3/8" dia tor steel bars at 4" c/c welded to 1/8" thick 2.5 inch deep M.S plate including curing stacking and transportation with in 10 miles.				
11.1	a) 300mm dia	Nos	137.00		
12	<b>GRANULAR BEDDING</b> Providing, spreading, and consolidating of granular bedding material of approved quality including watering etc .complete in all respect as per drawings and specification and as directed by the Engineer Incharge.	m³	120.83		
<b>TOTAL AMOUNT OF SCHEDULED ITEMS (Rs.)</b>					