

# ***AKOT NAGAR PARISHAD AKOT***

## ***DETAILED ESTIMATE***

**NAME OF WORK:-**      **CONSTRUXTION OF CEMENT CONCRETE DRAIN AT-  
VRUNDAVAN HOTEL MRF TYERS TO NALA  
PROVIDING PAVER BLOCK GAJANAN MAHARAJ  
MANDIR PREMISES NAGAR PARISHAD AKOT TQ-  
AKOT DIST-AKOLA**

**ESTIMATED COST:-**

~~**3000198.00**~~

**29,73,700.00**

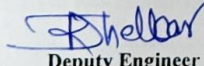
RECAPITULATION SHEET

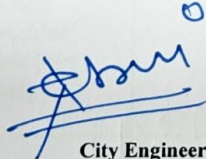
**CONSTRUCTION OF CEMENT CONCRETE DRAIN AT- VRUNDAVAN HOTEL MRF TYERS  
TO NALA PROVIDING PAVER BLOCK GAJANAN MAHARAJ MANDIR PREMISES NAGAR  
PARISHAD AKOT TQ-AKOT DIST-AKOLA**

Sr.No	Item		Amount
A	Civil Work Cost	RS	2438137.00 <i>24386351</i>
B	Testing Charges	RS	4725.00 ✓
C	Royalty Charges	RS	8755.00 ✓
D	ADD G.S.T. 18% [A]	RS	438865.00 <i>438543</i>
E	ADD LABOUR INSURANCE 0.5% [A]	RS	-12191.00 <i>12182.00</i>
F	Third Party 1%	RS	24381.00 <i>24363.01</i>
G	Contingencis <del>1%</del> <i>2%</i>	RS	73144.00 <i>48727.00</i>
TOTAL A + B + C +D+E+F+G		RS	3000198.00 <i>2973646</i>
		SAY	<b>3000198.00</b> <i>—</i>

*29,73,700.00*

Consultant Engineer  
Nagar Parishad Akot

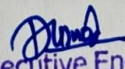
  
Deputy Engineer  
Nagar Parishad Akot

  
City Engineer  
Nagar Parishad Akot

  
Chief officer  
Nagar Parishad Akot

*Checked by me*  
*##*

Technically Sanctioned for Rs. 29,73,700.00  
In Words Rs. Twenty nine lakhs seventy  
three thousand and seven hundred.  
Gross Only. Vide Item No. "144"  
of Form No.85 for the month of Sept-2025  
Vide T.S.Order No. 2371 Dt. 30-09-25

  
Executive Engineer  
Maha.Jeevan Pradhikara  
Division, Akola

**ABSTRACT SHEET**  
**CONSTRUCTION OF CEMENT CONCRETE DRAIN AT- VRUNDAVAN HOTEL MRF TYERS TO NALA**  
**PROVIDING PAVER BLOCK GAJANAN MAHARAJ MANDIR PREMISES NAGAR PARISHAD AKOT TQ-AKOT**  
**DIST-AKOLA**

Sr.No.	Item of work	Qty.	Rate	Unit	Amount
1	<p><b>Item No :-1</b></p> <p>Providing and fixing heavy duty inter locking concrete Rubber mould glossy paving blocks of 80 mm thickness of having a strength of 400 kg/Sq.cm. of approved quality and shape on a bed of crushed sand of 25 to 30 mm thick including skirting joints and cleaning etc. complete. (using 100% crushed sand)  <b>[ SSR-2022-23 ,ITEM NO-33.54 Page No-269]</b></p>	525	1456.48	Sqm	764652
2	<p><b>Item No :-2</b></p> <p>Providing, cutting, bending, hooking, tying and laying in position TMT FE 500 steel bars for reinforcement for all RCC works as per detailed drawings etc. complete.  <b>[ SSR-2022-23 ,ITEM NO-14.01 Page No-93]</b></p>	0.254	91959.30	MT	23357.66
3	<p><b>Item No :-3</b></p> <p>Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction and roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel). with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan  <b>[ SSR-2022-23,ITEM NO-25.50.Page No-223]</b></p>	6.35	13189.57 <del>13444.45</del>	Cum	83754.00 <del>85372.26</del>
4	<p><b>Item No :-4</b></p> <p>Excavation for catch / side water gutter in all sorts of soils to the specified section including stacking the excavated stuff in a regular bund and disposing of unsuitable or excess stuff as directed all sorts of soils  <b>[ SSR-2022-23 ,ITEM NO-2.18 Page No-24]</b></p>	216	123.71	Cum	26721.36
5	<p><b>Item No :-5</b></p> <p>Conveying materials obtained from road cutting including all lifts, laying in layers of 20cm to 30cm. breaking clods, dressing to the required lines, curves, grades and section, watering and compacting to not less than 97% of standard Proctor density for a lead of over 50m. to 300m. inclusive from the site of excavation to the site of deposition as directed.  <b>[ SSR-2022-23 ,ITEM NO-2.25 Page No-24]</b></p>	194.4	202.72	Cum	39408.77
6	<p><b>Item No :-6</b></p> <p>Providing soling using 80 mm size trap metal in 15 cm. layer including filling voids with Crushed sand/grit, ramming, watering etc. complete.  <b>[ SSR-2022-23,ITEM NO-21.40 Page No-194]</b></p>	40.5	1966.60	Cum	79647.3

Sr.No.	Item of work	Qty.	Rate	Unit	Amount
7	<p><b>Item No :-7</b></p> <p>Providing and laying in situ /Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. work in foundations like raft, strip foundations, grillage and footings of R.C.C. columns and steel stanchions etc. including bailing out water, Steel centering formwork, laying/pumping cover blocks, compaction and curing roughening the surface if special finish is to be provided (Excluding reinforcement and structural steel) etc. complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)</p> <p>[ SSR-2022-23 ,ITEM NO-25.11 Page No-178]</p>	27	<del>7824.76</del> 7818.55	Cum	<del>211268.52</del> 211101.00
8	<p><b>Item No :-8</b></p> <p>Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas, lintels pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules. including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete</p> <p>[ SSR-2022-23 ,ITEM NO-26.33 Page No-188]</p>	1.13264	93375.24	MT	105760.53
9	<p><b>Item No :-9</b></p> <p>Providing and laying Cast in situ/Ready Mix cement concrete in M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C. pardi of required thickness including steel centering, formwork, cover blocks, laying/pumping, compacting , curing , finishing and rougheningthem if special finish is to be provided and curing complete.(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)</p> <p>[ SSR-2022-23 ,ITEM NO-26.17 Page No-185]</p>	63.41	16748.89	Cum	1062047.11
10	<p><b>Item No :-10</b></p> <p>Providing and laying cement concrete pipe of IS 458:2003 NP-2 class of 450mm diameter in proper line, level and slope including providing and fixing collars in cement mortar 1:2 and curing etc. complete.</p> <p>[ SSR-2022-23 ,ITEM NO-11.08 Page No-81]</p>	5	2026.18	Rmt	10130.9
11	<p><b>Item No :-11</b></p> <p>Providing and laying cement concrete pipe of IS 458:2003 NP-2 class of 600mm diameter in proper line, level and slope including providing and fixing collars in cement mortar 1:2 and curing etc. complete.</p> <p>[ SSR-2022-23 ,ITEM NO-11.09 Page No-81]</p>	5	2841.23	Rmt	14206.15

Sr.No.	Item of work	Qty.	Rate	Unit	Amount
<b>12</b>	<b>Item No :-12</b> Providing and fixing board displaying information, such as "Name of work, Tender cost, Name of Contractor, Work completion and liability period etc", having rectangular shape of 1.20m x 0.90m size made up of 4 mm aluminum composite pannel sheet with 0.5 mm skin thickness on either side bonded with white retro reflective sheeting of Class C (Type XI Micro prismatic grade sheeting) having pressure sensitive adhesive. Retro reflective sheeting with specified background, border and back side retro [ SSR-2022-23 ,ITEM NO-53.85 Page No-511]	1	15564.89	No	15564.89
			Total		2438137.45
	[A] Total RS.		2438137.00		2436351.00
<b>13</b>	<b>Item No :-13</b> <b>TESTING CHARGES</b>				
<b>A</b>	<b>Pavers</b>				
1	Compressive Strength ,Water Absorption. (Set of 8 blocks )	1	2495.00	No	2495
<b>B</b>	<b>Fine Aggregates</b>				
1	Fineness Modulus ( Sieve Analysis ) Silt & Clay Content	1	1380.00	No	1380
2	Silt Factor	1	850.00	No	850
	[B] Total RS.		Total		4725
<b>14</b>	<b>Item No :-14</b> Royalty Charges				
<b>A</b>	<b>Sand</b>				
		0	237.37	Cum	0
<b>B</b>	<b>80 MM, MURUM, 40 MM</b>	40.5	216.18	Cum	8755.29
			Total		8755.29
	[C] Total RS.				8755.00

Deputy Engineer  
Nagar Parishad Akot

City Engineer  
Nagar Parishad Akot

## MEASUREMENT SHEET

**CONSTRUCTION OF CEMENT CONCRETE DRAIN AT- VRUNDAVAN HOTEL MRF TYERS TO NALA  
PROVIDING PAVER BLOCK GAJANAN MAHARAJ MANDIR PREMISES NAGAR PARISHAD AKOT TQ-  
AKOT DIST-AKOLA**

No.	Item of work	No.	L	B	D/H	QTY.	UNIT
1	<b>Item No :-1</b> Providing and fixing heavy duty inter locking concrete Rubber mould glossy paving blocks of 80 mm thickness of having a strength of 400 kg/Sq.cm. of approved quality and shape on a bed of crushed sand of 25 to 30 mm thick including skirting joints and cleaning etc. complete. (using 100% crushed sand)  [ SSR-2022-23 ,ITEM NO-33.54 Page No-269]	1	25	21		525 525	Sqm
2	<b>Item No :-2</b> Providing, cutting, bending, hooking, tying and laying in position TMT FE 500 steel bars for reinforcement for all RCC works as per detailed drawings etc. complete. [ SSR-2022-23 ,ITEM NO-14.01 Page No-93] 8 MM BAR For Road 0.30 m x0.30 m 8 MM BAR For Road 0.30 m x0.30 m For Locking Beam @ 0.4 Qtl/Cum	0.4	6.35			0 2.54 2.54 0.254	Qtl MT
3	<b>Item No :-3</b> Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction and roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel). with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc)  [ SSR-2022-23,ITEM NO-25.50.Page No-223]	2 2	25 21	0.3 0.3	0.23 0.23	3.45 2.9 6.35	Cum
4	<b>Item No :-4</b> Excavation for catch / side water gutter in all sorts of soils to the specified section including stacking the excavated stuff in a regular bund and disposing of unsuitable or excess stuff as directed all sorts of soils  [ SSR-2022-23 ,ITEM NO-2.18 Page No-24]	1	300	0.9	0.8	216 216	Cum



No.	Item of work	No.	L	B	D/H	QTY.	UNIT			
9	<b>Item No :-9</b> Providing and laying Cast in situ/Ready Mix cement concrete in M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C. pardi of required thickness including steel centering, formwork, cover blocks, laying/pumping, compacting, curing, finishing and roughening them if special finish is to be provided and curing complete.(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)  [ SSR-2022-23 ,ITEM NO-26.17 Page No-185]	Rapata	1	3	0.9	0.15	0.41			
		Drain Bed	1	300	0.75	0.1	22.5			
		Drain Side	2	300	0.15	0.45	40.5			
							63.41			
10	<b>Item No :-10</b> Providing and laying cement concrete pipe of IS 458:2003 NP-2 class of 450mm diameter in proper line, level and slope including providing and fixing collars in cement mortar 1:2 and curing etc. complete.  [ SSR-2022-23 ,ITEM NO-11.08 Page No-81]	2	2.5			5	Rmt			
						5				
11	<b>Item No :-11</b> Providing and laying cement concrete pipe of IS 458:2003 NP-2 class of 600mm diameter in proper line, level and slope including providing and fixing collars in cement mortar 1:2 and curing etc. complete.  [ SSR-2022-23 ,ITEM NO-11.09 Page No-81]	2	2.5			5	Rmt			
						5				
12	<b>Item No :-12</b> Providing and fixing board displaying information, such as "Name of work, Tender cost, Name of Contractor, Work completion and liability period etc", having rectangular shape of 1.20m x 0.90m size made up of 4 mm aluminum composite pannel sheet with 0.5 mm skin thickness on either side bonded with white retro reflective sheeting of Class C (Type XI Micro prismatic grade sheeting) having pressure sensitive adhesive. Retro reflective sheeting with specified background, border and back side retro reflective symbols, letters, numerals, arrow as per IRC: 67-2012  [ SSR-2022-23 ,ITEM NO-53.85 Page No-511]	1				1	No			
						1				

No.	Item of work	No.,	L	B	D/H	QTY.	UNIT
13	Item No :-13 TESTING CHARGES						
A	Pavers						
1	Compressive Strength ,Water Absorption. (Set of 8 blocks )	1				1	No
B	Fine Aggregates						
1	Fineness Modulus ( Sieve Analysis ) Silt & Clay Content	1				1	No
2	Silt Factor	1				1	No
14	Item No :-14 Royalty Charges						
A	Sand					0	Cum
B	80 MM, MURUM, 40 MM						
	ITEM	Qty	Co-eficiant				
NO		40.5	1			40.5	
6	Providing soling using 80 mm size trap metal in 15 cm.					40.5	Cum

Deputy Engineer  
Nagar Parishad Akot

City Engineer  
Nagar Parishad Akot