

ESTIMATE

Division : : Thasra Nagar Seva Sadan, Thasra
Sub- Division : :
Fund Head : :
Major Head : :
Minor Head : :
Sub-Head : :
Service Head : :
Department Head : :

Estimate framed in the office of the Thasra Nagar Seva Sadan, Thasra for the probable expenses that will be incurred in

Name Of Work- C.C. Road At Ward No.1 J.M.DESAI Highschool,Thasra.

AMOUNTING TO RS.

755768.00

Technically Sanctioned vide No. & [: :
Estimate prepared by : : Jiya Consultancy, Patan.
Estimate checked by : : Engineer, Thasra Nagar Seva Sadan
Call or Authority. : :

GENERAL DESCRIPTION

Rate for this estimate is based on R&B SOR-2024-25 tem is supported with detailed rates analysis and Necessary drawings is also attached with in this estimate.

Engineer
Thasra Nagar Seva Sadan
Thasra

Chief Officer
Thasra Nagar Seva Sadan
Thasra

Thasra NAGAR SEVA SADAN , Thasra

Name Of Work- C.C. Road At Ward No.1 J.M.DESAI Highschool,Thasra.

ABSTRACT

(R & B SOR 2024-2025 + add 1% Labour cess)

SR.NO.	DESCRIPTION OF ITEM	Qunatity	Unit	SOR Rate	Rate (With 1% L.C)	S.O.R (2024- 25)	Amount
	Item No.1						
1	Demolition including stacking of serviceable materil as and disposal of unserviceable materials with all lead and lift. (i) R.C.C. work	81.00	cmt	1020.60	1030.81	(Ch.20/It.Cod e.20002/ /P.127)	83495.29
	Item No.2						
2	Box cutting the road surface to proper slope and camber for making a base for road work including removing the excavated stuff and depositing on the road side slope as directed	54.00	cmt	103.17	104.20	(Ch.26/It.Cod e.26008/ /P.162)	5626.89
	Item No:3						
3	Providing and laying cement concrete 1: 3 : 6) (1 cement : 3 coarse sand : 6 hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of form work in: (A) Foundation and Plinth	54.00	Cu.m	2976.00	3005.76	Ch.5/It.Code. P.44, Item- 5003,5.3.2)	162311.04
	Item No:4						
4	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (A)Foundations ,footings,Base of columns and Mass concrete	81.00	cmt	4193.08	4235.01	Ch.5/It.Code. P.49, Item- 05025AA,)	343035.87
	Item No:5						
5	Compaction and Finishing Of c.c road bt trimix process providing extra labour charges for trimix (Vaccum Dewatering Service) Proccess o C.C Road SURFACE Vibrator Including Making Grooves 5mm Width and filling with polymer and rough finish to surface as per instruction Including leveling up etc. comp.	540.00	Smt	60.00	60.60	RA	32724.00
						Rs.	627193.09
						18% GST ADD	112894.76
						TOTAL	740087.85
						Add 2.5 % Contingency Charge Rs.	15679.83
						TOTAL	755767.68
						SAY RS.	755768.00

PMC Conlultant
Thasra Nagarpalika

Engineer
Thasra Nagarpalika

Chief Officer
Thasra Nagarpalika

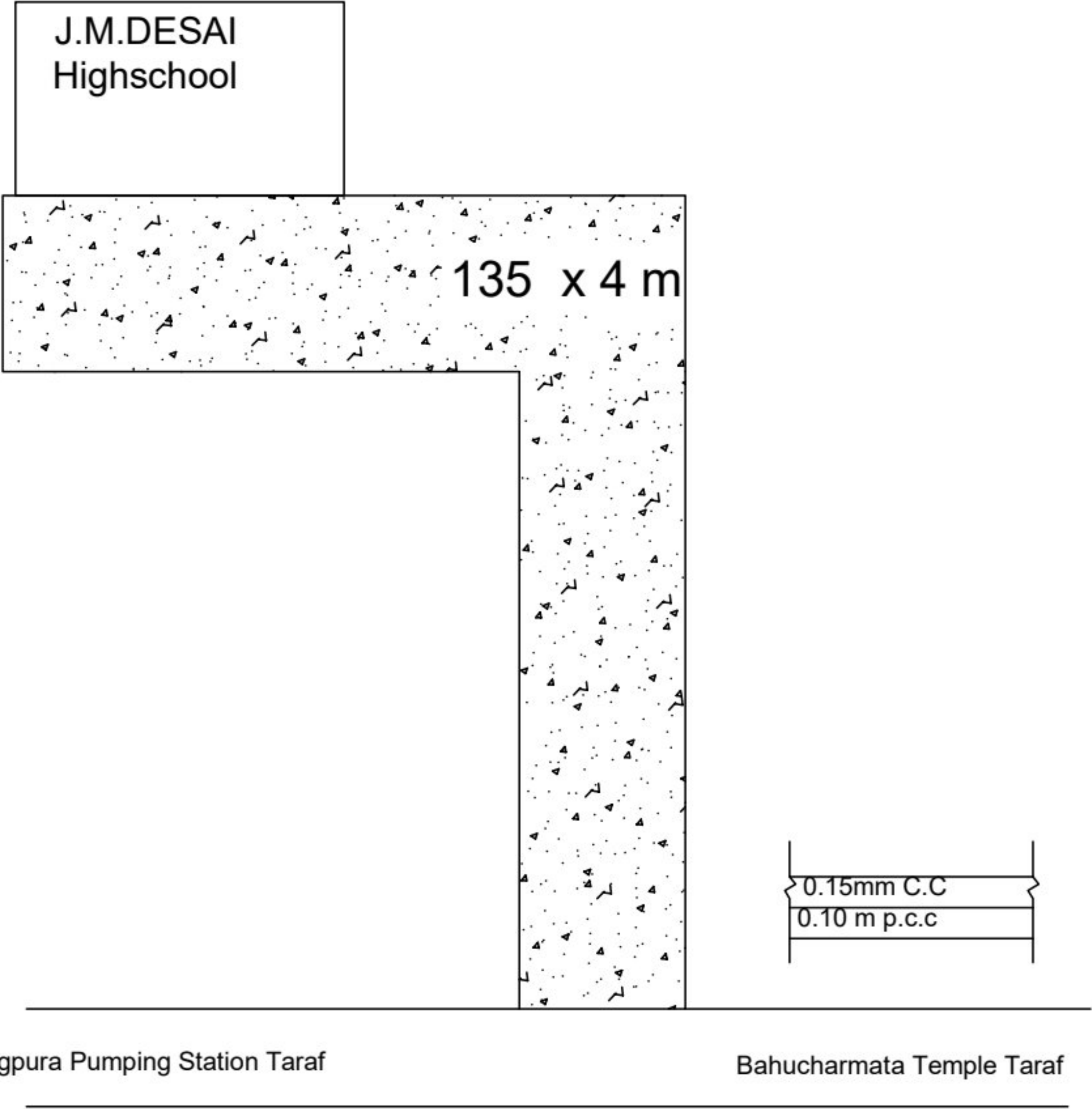
Thasra NAGAR SEVA SADAN , Thasra

Name Of Work- C.C. Road At Ward No.1 J.M.DESAI Highschool,Thasra.

MEASUREMENT

Description	No	Length	Bredth	Depth	Qty	Unit
Item No.1						
Demolition including stacking of serviceable materil as and disposal of unserviceable materials with all lead and lift. (i) R.C.C. work						
	1	135.00	4.00	0.150	81.00	
				Total	81.00	Cu.m
Item No.2						
Box cutting the road surface to proper slope and camber for making a base for road work including removing the excavated stuff and depositing on the road side slope as directed up to 50mt. lead.						
	1	135.00	4.00	0.10	54.00	
				Total	54.00	Cu.m
				Say	54.00	Cu.m
Item No:3						
Providing and laying cement concrete 1: 3 : 6) (1 cement : 3 coarse sand : 6 hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of form work in: (A) Foundation and Plinth						
	1.00	135.00	4.00	0.10	54.00	
				Total	54.00	Cu.m
				Say	54.00	Cu.m
Item No:4						
Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (A)Foundations ,footings,Base of columns and Mass concrete						
	1.00	135.00	4.00	0.15	81.00	
				Total	81.00	cmt
				Say	81.00	
Item No:5						
Compaction and Finishing Of c.c road bt trimix process providing extra labour charges for trimix (Vaccum Dewatering Service) Proccess o C.C Road SURFACE Vibrator Including Making Grooves 5mm Width and filling with polymer and rough finish to surface as per instruction Including leveling up etc. comp.						
	1.00	135.00	4.00		540.00	
				Total	540.00	Smt

C.C. Road At Ward No.1 J.M.DESAI Highschool,Thasra.



THASARA NAGAR PALIKA							
THASARA							
NAME OF WORK :- Construction Precast Paving Block in Sukhlal Khadki - at Thasara, Dist:- Kheda							
ESTIMATE							
It.	Description	Qty	Rate	1% L.C	Total	Per	Amount
No.							
1	Dismantling tiled of stone floors laid in mortar including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	178.50	46.31	0.46	46.77	Sq.M.	8349.00
	(Ch.20/It.Code.20005/0/P.127)						
2	Box cutting the road surface to proper slope and camber for making a base for road work including removing the excavated stuff and depositing on the road side slope as directed up to 50mt. lead.	17.85	103.17	1.03	104.20	Cu.M.	1860.00
	(Ch.26/It.Code.26008/ /P.162)						
3	Providing and laying cement concrete 1: 3 : 6) (1 cement : 3 coarse sand : 6 hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of form work in: (A) Foundation and Plinth	17.85	2976.00	29.76	3005.76	Cu.M.	53652.82
	Ch.5/It.Code.P.44, Item-5003,5.3.2)						
4	Providing and fixing pre-cast Rubber Dye inter locking concrete block 60mm thick with grade of concrete M250 pneumatic compressed by mechanically pressed and as per approved design including 75mm Sand layer for levelling and filling the joint with sand in proper line and level etc complete	178.50	680.10	6.80	686.90	Sqm	122611.83
	Ch.14/It.Code.P.110, Item-14033)						
5	Providing cement vata (10 cm x 10 cm. size)quarter round in cement mortar 1:1 including neat cement finishing ,watering etc. complete.	120.00	23.45	0.23	23.68	Rmt	2842.14
	(Ch.17 / Item Code-17015,P-117]						
6	Renovation of manhole by increasing the height at top including cost of excavation, refitting of C. . manhole frame and cover curing etc. complete incl. all carting and providing of materials which is required for the purpose (except manhole frame and cover)						
	For all type manhole by providing RCC 1:2:4 Partition walls with required reinforcement 25 cm thick and circular opening with 500mm clear dia and 0.40 mt. av. ht.	1.00	3374.00	506.10	3880.10	Each	3880.10
	(part-2D /P.103, Item-10,)						
	tracing of old manhole	1.00	1202.00	180.30	1382.30	Each	1382.30
	(part-2D /P.103, Item-11,)						

7	Labour charges for repairingof leakage in PVC pipeline of folling dia meter at different places including necessary excavation manually or by mechanise excavation. dewatering -emoving of mud, cleaning of pipe and leakage ttem No. 6 portion, cutting the pipeline & removing piece of pipe from trench with inlussive of mechanical devices JCB, Hycra/Crain if necessary & labours required with providing material such couplers, solution etc. comp. {incl. all material but Exclu. cost of pipe)						
	90MM	1.00	838.00	125.70	963.70	Each	963.70
	110MM	1.00	978.00	146.70	1124.70	Each	1124.70
	(GWSSB SOR/ Part-1 G/lt.6/p.75)						
		Total :					196666.58
		18% Gst Add Rs.					35399.98
		2.5 % Contigency Charges Add Rs.					4916.66
		Net Total :					236983.23
		Say :					236983.00

THASARA NAGAR PALIKA
THASARA
NAME OF WORK :- Construction Precast Paving Block in Sukhlal Khadki - at Thasara, Dist:- Kheda

Measurement

Sr. no.	Description	No.	Length	Breadth	Depth	Quantity	Unit
1	Dismantling tiled of stone floors laid in mortar including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.						
		1.00	11.00	3.50		38.50	
		1.00	15.00	4.60		69.00	
		1.00	25.00	2.00		50.00	
		1.00	7.00	3.00		21.00	
						178.50	
2	Box cutting the road surface to proper slope and camber for making a base for road work including removing the excavated stuff and depositing on the road side slope as deirected up to 50 m. lead.						
		1.00	11.00	3.50	0.10	3.85	
		1.00	15.00	4.60	0.10	6.90	
		1.00	25.00	2.00	0.10	5.00	
		1.00	7.00	3.00	0.10	2.10	
						17.85	Cu. Mtr.
3	Providing and laying cement concrete 1 : 3 : 6 (1 cement : 3 coarse sand : 6 hand broken stone aggregates 40mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth						
		1.00	11.00	3.50	0.10	3.85	
		1.00	15.00	4.60	0.10	6.90	
		1.00	25.00	2.00	0.10	5.00	
		1.00	7.00	3.00	0.10	2.10	
						17.85	Cu. Mtr.
4	Providing and fixing pre-cast Rubber Dye/steel Dye interlocking concrete block 60mm thick with grade of concrete M300 pneumatic compressed/vibrated mechanically and as per approved design Confirming to IS15658:2006 including 35mm Sand layer forlevelling and filling the joint with sand in proper line and level as per guidlines of IRC : SP 63-2018 etc. Complete						

		1.00	11.00	3.50		38.50	
		1.00	15.00	4.60		69.00	
		1.00	25.00	2.00		50.00	
		1.00	7.00	3.00		21.00	
						178.50	Sq.Mtr.
5	Providing cement vata (10 cm x 10 cm. size) quarter round in cement mortar 1:1 including neat cement finishing ,watering etc. complete.						
		1.00	120.00			120.00	
						120.00	Rmt
6	Renovation of manhole by increasing the height at top including cost of excavation, refitting of C. . manhole frame and cover curing etc. complete incl. all carting and providing of materials which is required for the purpose (except manhole frame and cover)						
	For all type manhole by providing RCC 1:2:4 Partition walls with required reinforcement 25 cm thick and circular opening with 500mm clear dia and 0.40 mt. av. ht.	1.00				1.00	Each
	tracing of old manhole	1.00				1.00	Each
7	Labour charges for repairing of leakage in PVC pipeline of folling dia meter at different places including necessary excavation manually or by mechanise excavation. dewatering -emoving of mud, cleaning of pipe and leakage ttem No. 6 portion, cutting the pipeline & removing piece of pipe from trench with inclusive of mechanical devices JCB, Hycra/Crain if necessary & labours required with providing material such couplers, solution etc. comp. {incl. all material but Exclu. cost of pipe)						
	90MM	1				1.00	Each
	110MM	1				1.00	Each

ESTIMATE

Division : : THASARA Nagar Seva Sadan, THASARA
Sub- Division : :
Fund Head : :
Major Head : :
Minor Head : :
Sub-Head : :
Service Head : :
Department Head : :

Estimate framed in the office of the THASARA Nagar Seva Sadan, THASARA for the probable expenses that will be incurred in

**NAME OF WORK :- Construction Precast Paving Block in Sukhlal
Khadki - at Thasara, Dist:- Kheda**

AMOUNTING TO RS. 236983.00

Technically Sanctioned vide No. & Dt : :
Estimate prepared by : : JIYA Consultancy, Patan.
Estimate checked by : : Engineer, THASARA Nagar Seva Sadan, THASARA
Call or Authority. : :

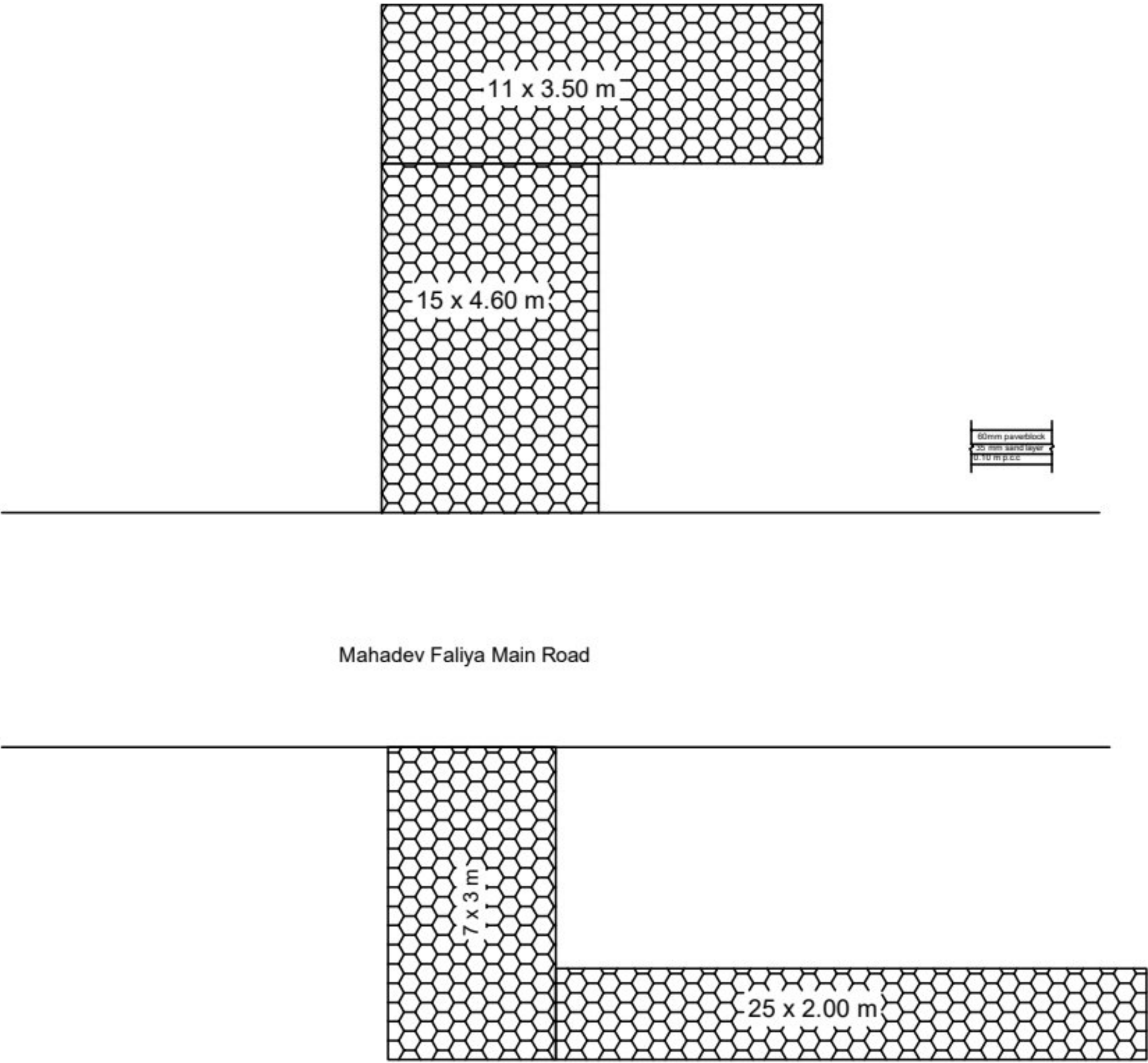
GENERAL DESCRIPTION

Rate for this estimate is based on Civil SOR-2024-25 item is supported with detailed rates analysis and Necessary drawings is also attached with in this estimate.

Engineer
THASARA Nagar Seva Sadan
THASARA

Chief Officer
THASARA Nagar Seva Sadan
THASARA

02-Estimate Of Paver Block At Sukhlal Khadki



Thasra NAGAR SEVA SADAN, Thasra

Name Of Work : Estimate For 300 mm Dia Drain Line work In Tajpir Nagri Garnalu To Sirajbhai House, Thasra .

(R & B SOR + add 1% Labour cess)

ABSTRACT

Description	Quantity	Unit	SOR Rate	Add 1% and 15% Labour Cess	Final Rate	Amount
Item No.1 (Ch-4/It.Code.04001A/0/Pg.38)						
Excavation for foundation upto 1.50m depth including sorting and stacking of useful materials and disposing of the excavated stuff upto 50m. Lead.						
A) Loose or soft soil						
Upto 1.50m depth	147.45	m ³	115.92	1.16	117.08	17263.33
Item No.2 (Ch-26/It.Code.26089AA/0/Pg.173)						
Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(i) 300mm dia.						
300 mm Dia, Np3 Pipes	110.00	Rmt	643.49	6.43	649.92	71491.74
Item No.3 (Ch.5/It.Code.P.44, Item-5003a)						
Providing and laying cement concrete 1: 3 : 6) (1 cement : 3 coarse sand : 6 hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of form work in: (A) Foundation and Plinth						
for Bedding	8.48	m ³	2976.00	29.76	3005.76	25488.84
Item No.4 (Ch-4/It.Code.4006/4.12/Pg.40)						
Filling available excavated eath (excluding rock) in trenches plinth, sides of foundation etc. in layers not exceeding 20 cm in depth consolidating each depo sited layer by ramming and watering.	131.48	m ²	129.10	1.29	130.39	17143.45
Item No.5 (Section 2-D/Item.no-2/Pg.101)						
Providing and constructing Sewer manholes, scraper manholes and unit house connection chamber, as per the type design in brick masonry in C. M. 1:5 and inside and outside 20mm thick plastering in C. M. 1:3 necessary 100 mm coping with reinforcement in R.C.C.M. 200 fixing C. I. steps and fixing manhole frame and covers (But excluding supply of manhole frame and covers) over manholes and house connection chambers and fixing Manhole covers (but excluding supplying of manhole covers) over scraper manhole etc. complete, providing and fixing safety chain wherever necessary as per the stipulations in the type design complete as per latest CPHEEO manual. (excl. excavation).						
Manhole type "b" Circular type having inside diameter of 1500 mm for depth upto 1.5 m depth (for 150 mm to 500 mm dia sewer)						
Manhole type "B" as above but upto 1.5 M depth.	6.00	Nos.	21116.00	3167.40	24283.40	145700.40

ABSTRACT

Description	Quantity	Unit	SOR Rate	Add 1% and 15% Labour Cess	Final Rate	Amount
Item no.6 (GWSSB SOR/ Sec.A/It.10.4/p.16)						
RCC precast M.H. Frame & Cover Manufacture, supply & Delivery at store or at site of work precast RCC M.200 Frame & cover suitable to drainage M.H. and as per type design & Drawing including cost of reinforcement M.S. Angles or Flat, curing mold work etc.						
Frame suitable for 50cm opening of MH	6.00	Nos.	1121.00	168.15	1289.15	7734.90
Cover suitable for 50cm opening of MH	6.00	Nos.	1173.00	175.95	1348.95	8093.70
Total Rs.						292916.37
18% Gst Add						52724.95
Total Rs.						345641.31
2.5 % Contingency Charge Add						7322.91
Total Rs.						352964.22
Say Rs.						352965.00

Thasra NAGAR SEVA SADAN, Thasra

Name Of Work : Estimate For 300 mm Dia Drain Line work In Tajpir Nagri Garnalu To Sirajbhai House, Thasra .

MESUREMENT

Description	No	Length	Breadth	Depth	Qty	Unit
Item No:1						
Excavation for foundation upto 1.50m depth including sorting and stacking of useful materials and disposing of the excavated stuff upto 50m. Lead.						
A) Loose or soft soil						
Upto 1.50m depth						
For pipeline	1.00	106.00	0.80	1.50	127.20	m ³
For Chember	6.00	1.50	1.50	1.50	<u>20.25</u>	m ³
				Total	147.45	m ³
Item No:2						
Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(i) 300mm dia.						
300 mm Dia, Np3 Pipes	55	2.00			110.00	Rmt
Item No:4						
Providing and laying cement concrete 1: 3 : 6) (1 cement : 3 coarse sand : 6 hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of form work in: (A) Foundation and Plinth						
for bedding of pipe	1	106.00	0.80	0.10	8.48	m ³
				Total	8.48	m ³
Item No:5						
Filling available excavated eath (excluding rock) in trenches plinth, sides of foundation etc. in layers not exceeding 20 cm in depth consolidating each depo sited layer by ramming and watering.						
Total Excavation					147.45	m ³
DEDUCT P.C.C					8.48	
Deduct Volumn of Pipe	0.7854	106.00	0.30	0.30	<u>7.49</u>	m ³
				Total	131.48	m ³

MESUREMENT

Description	No	Length	Breadth	Depth	Qty	Unit
Item No:6						
Providing and constructing Sewer manholes, scraper manholes and unit house connection chamber, as per the type design in brick masonry in C. M. 1:5 and inside and outside 20mm thick plastering in C. M. 1:3 necessary 100 mm coping with reinforcement in R.C.C.M. 200 fixing C. I. steps and fixing manhole frame and covers (But excluding supply of manhole frame and covers) over manholes and house connection chambers and fixing Manhole covers (but excluding supplying of manhole covers) over scraper manhole etc. complete, providing and fixing safety chain wherever necessary as per the stipulations in the type design complete as per latest CPHEEO manual. (excl. excavation).						
Manhole type "b" Circular type having inside diameter of 1500 mm for depth upto 1.5 m depth (for 150 mm to 500 mm dia sewer)						
Manhole type "B" as above but upto 1.5 M depth.	6				6.00	No.
Item No:7						
RCC precast M.H. Frame & Cover Manufacture, supply & Delivery at store or at site of work precast RCC M.200 Frame & cover suitable to drainage M.H. and as per type design & Drawing including cost of reinforcement M.S. Angles or Flat, curing mold work etc.						
Frame	6				6.00	No.
Cover	6				6.00	No.

ESTIMATE

Division :: Thasra Seva Sadan,Thasra
Sub- Division ::
Fund Head ::
Major Head ::
Minor Head ::
Sub-Head ::
Service Head ::
Department Head ::

Estimate framed in the office of the Thasra Nagar Seva Sadan ,Thasra for the
probable expenses that will be incurred in

**Name Of Work : Estimate For 300 mm Dia Drain Line work In
Tajpir Nagri Garnalu To Sirajbhai House,Thasra .**

AMOUNTING TO RS. 352965.00

Technically Sactioned vide No. & Date ::
Estimate prepared by :: Jiya Consultancy,Patan
Estimate checked by :: Engineer, Thasra Nagar Seva Sadan
Call or Authority. ::

GENERAL DESCRIPTION

Rate for this estimate is based on R & B 2024-25 AND GWSSB SOR-2022-23
item is supported with detailed rates analysis and Necessary drawings is also attached
with in this estimate.

Engineer
Thasra Nagar Seva Sadan
Thasra

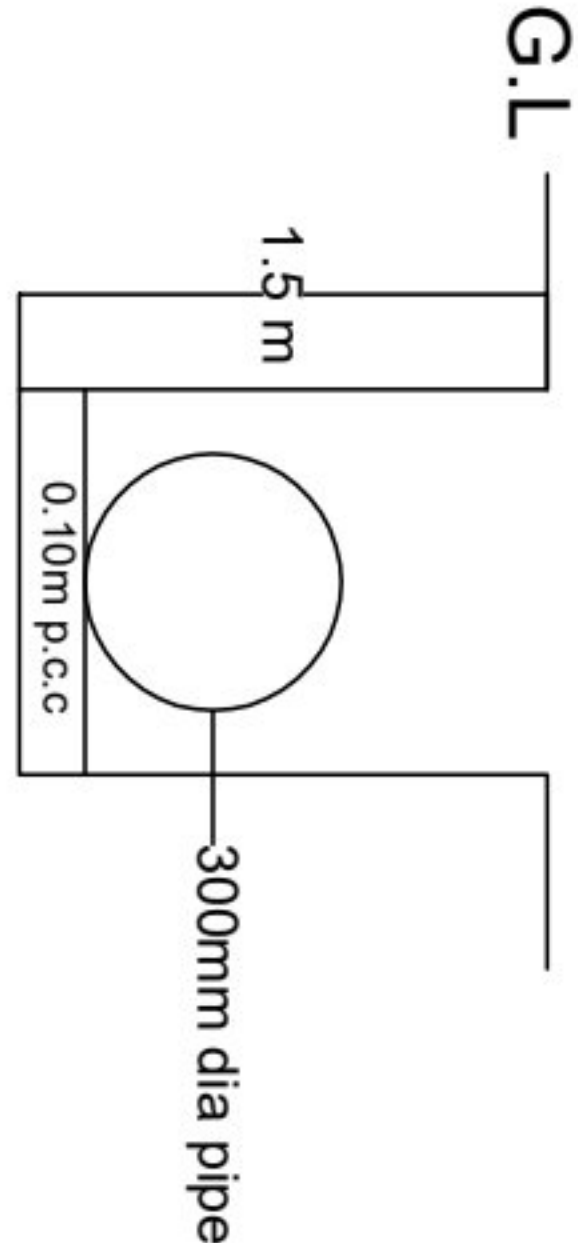
Chief Officer
Thasra Nagar Seva Sadan
Thasra

Estimate For 300 mm Dia Drain Line work In Tajpir Nagri Garnalu To Sirajbhai House, Thasra .

Total Length -115 m , 6 Chamber

Chamber
300mm dia R.C.C PIPE NP3

TAJPIR NAGR I



Tajpir Nagri Main Road