

**MUNICIPAL COUNCIL , YAVATMAL.**

**DETAILED ESTIMATE**

**NAME OF WORK :- DETAILED ESTIMATE FOR  
PROPOSED CONSTRUCTION OF CONCRETE ROAD and  
R.C.C. DRAIN, AT ASHOK NAGAR , PRABHAG. NO. 2 ,  
YAVATMAL.**

**Estimated Cost. Rs. 3057470.00**

# MUNICIPAL COUNCIL YAVATMAL

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and R.C.C. DRAIN, AT ASHOK NAGAR , PRABHAG. NO. 2 , YAVATMAL.

SSR 2022 - 23

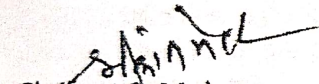
## GENERAL ABSTRACT


COST AS PER ABSTRACT


A] CIVIL COST	Rs.	2506701.00
B] ROYALTY	Rs.	27130.00
C] Q.C. TESTING	Rs.	4140.00

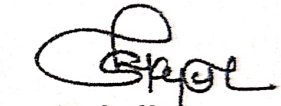
TOTAL	Rs.	2537971.00
Add Insurance Amount 0.5 %	Rs.	12534.00
Add Contengency Amount 2.0 %	Rs.	50134.00
Add G.S.T. Amount 18.0 %	Rs.	456835.00

TOTAL Rs. 3057474.00  
SAY Rs. 3057470.00

  
Shrikant S. Mehar  
Consulting Engineer

  
Jr. Engineer  
M.C. YAVATMAL


  
Municipal Engineer  
M.C. YAVATMAL

  
Chief Officer  
M.C. YAVATMAL

TECHNICAL SANCTION ACCORDED VIDE  
ITEM NO. 37 OF FORM 48, FOR  
THE MONTH OF JULY-25 SUBJECT TO  
CONDITION MENTIONED VIDE THIS OFFICE  
L.NO. TB/DB/TSJ 2201 DATE 13/8/25

Approved for Rs! 3057470/-

Rs! - THIRY Lakh FIFTY SEVEN THOUSAND -  
- FOUR HUNDRED SEVENTY ONLY

  
(P. A. Vyawahare)  
Executive Engineer  
M.J.P. Division, Yavatmal



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### ABSTRACT

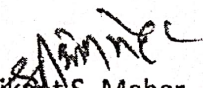
Sr No.	DESCRIPTION OF WORK	QUANTITY	RATE	UNIT	AMOUNT
1	Providing and laying in situ / ready mix cement concrete of M-10 proportion with trap/ granite/ quartzite/ gneiss metal in foundation including necessary form work, compacting and curing etc. complete. (with reversible drum type mixer with SCADA with fine aggregates of required specifications (Natural sand / VSI sand finely washed etc )				
	Rate as S.S.R Item No.- 11.02	26.20	6755.15	Cum	176985.00
2	Providing and laying in situ / ready mix M-20 cement concrete of trap /granite /quartzite /gneiss metal for approach slab / Rigid pavement including compacting, finishing, curing etc. complete. (excluding reinforcement) (with reversible drum type mixer/ concrete batch mix plant (pan mixer) with SCADA with fine aggregates of required specifications (Natural sand / VSI sand finely washed etc ), cement 6.40 bags/cumt)				
	Rate as S.S.R Item No.- 11.25	198.68	7954.80	Cum	1580420.00
3	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.				
	Rate as S.S.R Item No.- 26.33	6.36	93375.25	M.T.	593797.00
4	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5 m.) By Mechanical Means				
	Rate as S.S.R Item No.- 21.02	42.00	215.20	Cum	9038.00

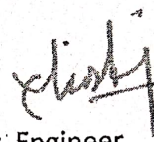


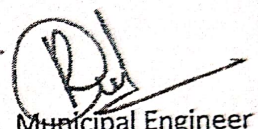
Sr No.	DESCRIPTION OF WORK	QUANTITY	RATE	UNIT	AMOUNT
5	Providing and laying in situ / ready mix controlled grade of M20 of trap /granite /quartzite /gneiss metal for RCC works in cut off walls / curtain walls including necessary scaffolding, centering, compacting by vibrator, finishing and curing etc. complete. (with fully automatic micro processor based PLC with SCADA enabled with reversible drum type mixer/ concrete batch mix plant (pan mixer) with fine aggregates of required specifications ( VSI sand finely washed etc ), excluding reinforcement) Rate as S.S.R Item No.- 12.57	13.30	8698.55	Cum	115691.00
6	Providing and laying weep holes of 100 mm diameter PVC pipes as per drawing for abutment returns, return walls etc. Complete. Rate as S.S.R Item No.- 17.37	6.90	554.10	RMT	3823.00
7	Filling in plinth and floors with contractors material/brought from outside and approved by Engineer incharge in layers of 15 cm to 20 cm including watering and compaction etc. complete. Rate as S.S.R Item No.- 21.37	8.40	874.95	Cum	7350.00
8	Transporting of Excavated soil obtained from road cutting within an avarag lead of 2.50 to 3.00 Km including loading unloading and spreading for embankment as directed etc complete. Quantity as per Item No. 4	42.00	219.98	Cum	9239.00
9	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 out 18 gauge (1.25mm) thick mild steel sheet painted with one coat of Zinc chromate stoving primer and two coats of enamel paint on front side and grey stove enamel on back side and border / messages / symbols etc. with approved colour shade paint complete, on M.S.angle of size 35 x 35 x 3 mm frame with properly cross braced M.S. angles of size 35mmx35mmx3mm duly painted including Two M.S. angle iron posts of size 65 mm x 65 mm x 6 mm, 3.65 m long painted with alternate black and white bands of 25 cm width including all fixtures etc.and fixing the boards in 1:4:8 concrete block of size 60 cm x 60 cm x 75 cm including, excavation, refilling, transportation, and labour etc complete. Spec. No. As directed by Engineer in Charge Rate as S.S.R Item No.- 6.36	1.00	10357.55	No.	10358.00
<b>Total ( A ) Construction Rs.</b>					<b>2506701.00</b>
10	Royalty Charges for construction material , is paid to contractor after submission of original revenue challan etc. complete. SAND	106.64	237.37	Cum	25314.00



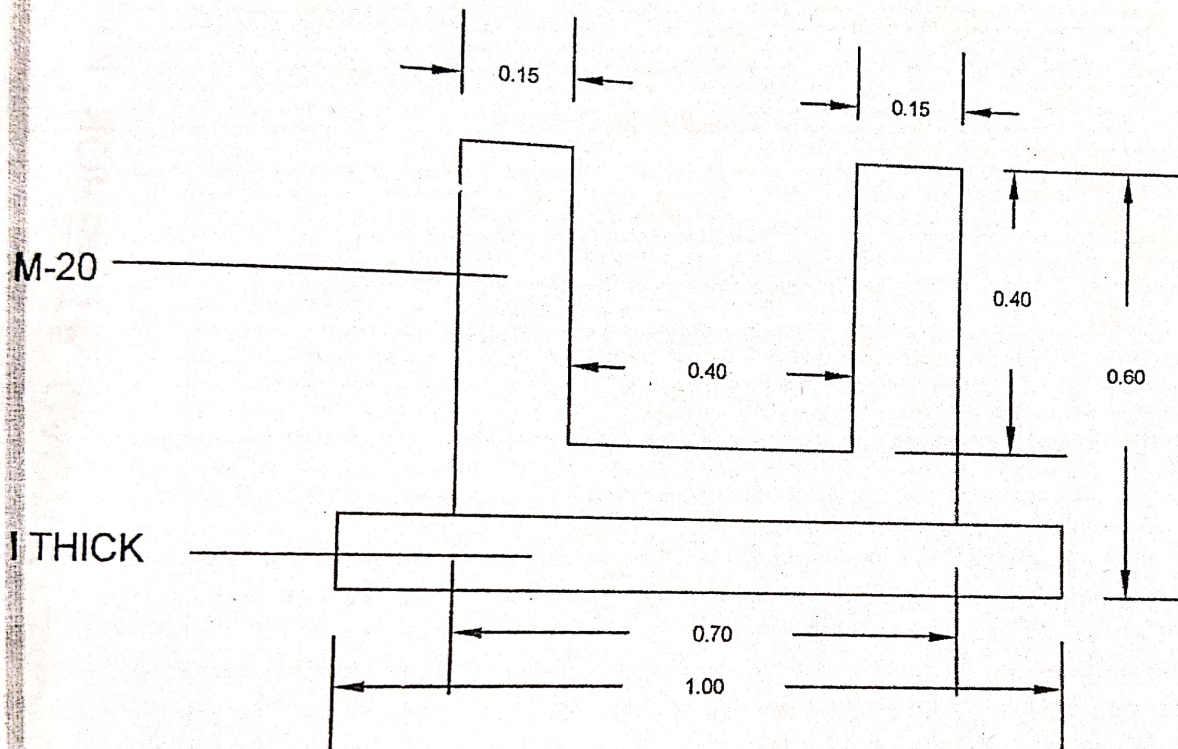
Sr. No.	DESCRIPTION OF WORK	QUANTITY	RATE	UNIT	AMOUNT
	OTHER THAN SAND	8.40	216.18	Cum	1816.00
<b>Total ( B ) Royalty Rs.</b>					<b>27130.00</b>
11	Testing of Construction Material used for Government Works				
	1) Compressive Strength OF C.C. Cube (Set of 3 cubes).	6.00	690.00	No.	4140.00
<b>Total ( C ) Testing Rs.</b>					<b>4140.00</b>
<b>TOTAL</b>					<b>2537971.00</b>

  
 Shrikant S. Mehar  
 Consulting Engineer

  
 Jr. Engineer  
 M.C. YAVATMAL

  
 Municipal Engineer  
 M.C. YAVATMAL

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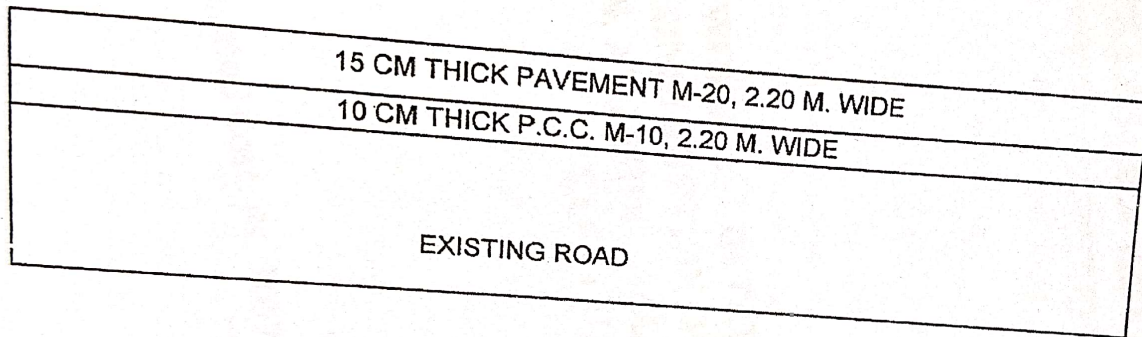
## CROSS SECTION OF R.C.C.DRAIN

*S. S. Mehar*  
SHRIKANT S. MEHAR  
CONSULTING ENGINEER

*S. S. Mehar*  
JUNIOR ENGINEER  
MUNICIPAL COUNCIL, YAVATMAL.

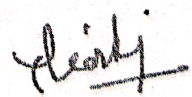
*(Signature)*  
MUNICIPAL ENGINEER  
MUNICIPAL COUNCIL, YAVATMAL.


CONSTRUCTION OF CONCRETE ROAD AT ASHOK NAGAR , PRABHAG. NO. 2 , YAVATMAL.



CROSS SECTION OF C.C.ROAD

  
SHRIKANT MEHAR  
CONSULTING ENGINEER

  
JUNIOR ENGINEER  
MUNICIPAL COUNCIL, YAVATMAL.

  
MUNICIPAL ENGINEER  
MUNICIPAL COUNCIL, YAVATMAL.