

GOVERNMENT OF MAHARASHTRA

ZILLA PARISHAD WASHIM

PANCHAYAT SAMITI MANGRULPIR

GRAM PANCHAYAT JAMB

Under Schedule Cast & Navbaudha Wasti Vikas 2025-26

DETAILED ESTIMATE


-: NAME OF WORK :-

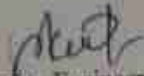
**Construction of Paver Block Road & Concrete Drain in
Santaji Nagar At. Sonkhas Tq. Mangrulpir Dist. Washim
Under Schedule Cast & Navbaudha Wasti Vikas 2025-26**

Rs. 900000.00

GENERAL REPORT

- Name of Work : Construction of Paver Block Road & Concrete Drain in Santaji Nagar At. Sonkhas Tq. Mangrulpir Dist. Washim Under Schedule Cast & Navbandha Wasti Vikas २०१५-२६
- Estimated Cost : ₹. १०००००.००
- Authority : Under Schedule Cast & Navbandha Wasti Vikas २०१५-२६
- Necessity : It is necessary construct paver block road hence estimate prepared.
- Provisions : Following provisions are made in this estimate
- १ ८० mm metal soling
 - २ ६० mm thick paver block
 - ३ C.C. १५ for side beam
 - ४ Information board
- Rates & Specifications : अंदाजपत्रक तयार करण्याकरिता सा.बां. विभागाचे सन २०२२-२३ (दि. २५/०७/२०२२ पासून लागू असलेली) च्या दरसूचीनुसार दर घेण्यात आलेले आहेत. सधर काम हे शासनाद्वारे वेळोवेळी प्राप्त होणाऱ्या सूचनेनुसार करण्यात येईल.


Junior Engineer
Panchayat Samiti
Mangrulpir


Deputy Engineer
Z.P. Works Sub Division
Washim

"ESTIMATE"

Division

Z.P. Works, Division,
Washim.

Sanctioned Estimate No.

Fund Head

Major Head

Minor Head

Service Head

Departmental Head

Estimate framed in the Office of Block Development Office, Panchayat Samiti Mangrulpir
the probable expenses that will be incurred in
Name of Work :- Construction of Paver Block Road & Concrete Drain in Santaji Nagar
At. Sonkhas Tq. Mangrulpir Dist. Washim Under Schedule Cast & Navbandha Wasti

Rs. 900000.00

Administratively Approved Under

Technically Sanctioned under
No. Dated

Estimate Prepared by

Shri.


Sectional Engineer.


And Checked by
(Call or Authority)

Shri.

Sectional Engineer.

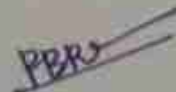
प्रमाणपत्र देण्यात येते की, ग्रामपंचायत ठराव क्रं. दि. / /२०१ अन्वये कामास
प्रशासकीय मंजूरी देण्यात आली असून सदर काम इतर कोणत्याही योजनेमधून प्रस्तावित नाही. तसेच यापूर्वी
दर्शिलेल्या ठिकाणी काम झालेले नाही.



ग्रामपंचायत अधिकारी
गट क्रमांक १२४/२०११
(आजगाव, शहापुर, सोनखस)


श्री. / / २०१
ज्येष्ठ उपप्रबंधक जॉब
(आ. प्र. वि. शाखा, शहापुर)

GENERAL DESCRIPTION" (Seperatly Attached)
पं. स. मंगरूपीर जि. वाशिम


Junior Engineer
Panchayat Samiti
Mangrulpir


ग्रामपंचायत अधिकारी
पंचायत समिती मंगरूपीर

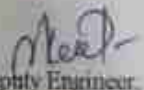

Deputy Engineer
Z.P. Works Sub Division
Washim

Name of Work :- Construction of Paver Block Road & Concrete Drain in Santaji Nagar
At. Sonkhas Tq. Mangrulpir Dist. Washim Under Schedule Cast & Navbaudha Wasti
Vikas 2025-26

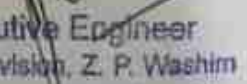
GENERAL ABSTRACT

Sr. No.	Particular	Amount
1	Cost of Estimate	Rs. 725777.00
2	Add for royalty	Rs. 23824.00
3	Add for Laboratory Testing charges	Rs. 6800.00
4	Add GST 18%	Rs. 130640.00
		Rs. 887041.00
5	Add SQM Charges 1%	Rs. 7258.00
6	Add Work Labour Insurance 0.50%	Rs. 3629.00
7	Add for Contingencies	Rs. 2000.00
		Total Rs. 899928.00
		Say Rs. 900000.00 ✓


Junior Engineer
Panchayat Samiti
Mangrulpir


Deputy Engineer,
Z.P. Works Sub Division,
Washim

T. S. No./Z.P.W./ 1123/2025/26
Technically Sanctioned for Rs. 900,000/-
In Words Rs. Nine lakhs


Executive Engineer
Works Division, Z. P. Washim

Proposed Checked Found
Correct Recommended For
According Technical
Sanction/Approval




of Work :- Construction of Paver Block Road & Concrete Drain in Santaji Nagar
 Sonkhas Tq. Mangrulpir Dist. Washim Under Schedule Cast & Navbaudha Wasti

"ABSTRACT"

Quantity	Item of work	Rate	Unit	Amount
71.100	Cum Item No. 1 :- Excavation for roadway in earth, soil of all sorts, sand, gravel or soft murum including dressing section to the required grade, camber and side slopes and conveying the excavated materials with all lifts upto a lead of 50m. & spreading for embankment or stacking as directed. [MORTH 301] (S.S.R. LNo. 2.11 P.No. 85)	119.00	Cum	8461.00
32.400	Cum Item No. 2 :- 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 [Bd.A.1 P.No. 259] (S.S.R. LNo. 21.02)	207.00	Cum	6707.00
73.500	Cum Item No. 3 :- Providing soling using 80 mm size trap metal in 15 cm. layer including filling voids with Crushed sand/grit, ramming, watering etc. complete. [As directed by Engineer incharge.] (S.S.R. LNo. 21.4 P.No. 152)	1771.40	Cum	130198.00
425.79	Sqm Item No. 4 :- Providing & fixing heavy duty inter locking concrete RUBBER MOULD GLOSSY PAVING BLOCKS of 60 mm thickness of having a strength of 400 Kg/sqm of approved quality & shape on a bed of crushed sand of 25 to 30 millimeter thick including striking joints & cleaning etc. complete (using 100% crushed sand) [Bd. M12 P.No. 385] (S.S.R. LNo. 33.53 P.No. 211)	1114.55	Sqm	474564.00
11.15	Cum Item No. 5 :- Providing and laying Cast in situ/Ready Mix cement concrete in M15 of trap/ granite/quartzite/gneiss metal for steps including steel centering, formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing uneven and honeycombed surface and curing etc. complete. The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface, only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed.) 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) [Bd.E.2 P.3No. 288 & B.7 P.No 38] (S.S.R.LNo. 24.04 P.No. 168)	6665.25	Cum	74284.00
0.29	Cum Item No. 6 :- Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening 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) [Bd.F.8 P.No. 302 & B.7, P.No.38] (S.S.R.LNo. 25.7 P.No. 176)	14226.40	Cum	4161.00

Qty	Item of work	Rate	Unit	Amount
03	Cum Item No. 7 :- 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, porches, 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. [Bd.F.17 P.No. 306] (S.S.R.I.No. 26.33 P. No. 182)	89823.00	Cum	2627.00
28.44	Cum Item No. 8 :- Supplying hard murum/ kankar at the road site, including conveying and stacking complete. (S.S.R.I.No. 2.29a P.No. 29)	655.00	Cum	18628.00
28.44	Cum Item No. 9 :- Spreading hard murum/soft murrum/gravel or kankar for side width complete (S.S.R.I.No 2.30 P.No 29)	79.00	Cum	2247.00
1.00	No Item No 10 :- Providing and fixing board displaying information, such as Name of work, Name of Contractor, Work completion and liability period etc. having rectangular shape of 0.90mx0.60m size made out G.I. sheet painted with oil paint MS angle of size 50x50x6mm frame with properly MS angles including etc & fixing the boards in C.C. M10 concrete block of size 45cmx 45cm x60cm including excavation refilling transportation & labour etc complete [As directed by Engineer in Charge] (As per rate analysis)	3900.00	No	3900.00
Total Rs.				725777.00


 Junior Engineer
 Panchayat Samiti
 Mangrupir


 Deputy Engineer,
 Z.P. Works Sub Division,
 Washim

Item of Work :- Construction of Paver Block Road & Concrete Drain in Santaji Nagar
 L. Sonkhias Tq. Mangrulpir Dist. Washim Under Schedule Cast & Navbaudha Wasti

MEASUREMENT

Item of work	No.	L.	B.	D.	Quantity
Item No. 1 :- Excavation for roadway in earth, soil of all sorts, sand, gravel or soft murum including dressing section to the required grade, camber and side slopes and conveying the excavated materials with all lifts upto a lead of 50m. & spreading for embankment or stacking as directed. [MORTH 301] (S.S.R. I.No. 2.11 P.No. 85)					
Paver block	1	158.00	3.00	0.15	71.10 Cum 71.10 Cum
Item No. 2 :- 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 1.3 m.) By Mechanical Means [Bd.A.1 P.No. 259] (S.S.R. I.No. 21.02)					
Drain	1	20.00	0.80	0.70	11.20 Cum
Item No. 3 :- Providing soiling using 80 mm size trap metal in 15 cm. layer including filling voids with Crushed sand/grit, ramming, watering etc. complete. [As directed by Engineer incharge.] (S.S.R. I.No. 21.4 P.No. 152)					
Paver block	1	158.00	3.00	0.15	71.10 Cum
Drain	1	20.00	0.80	0.15	2.40 Cum 73.50 Cum
Item No. 4 :- Providing & fixing heavy duty inter locking concrete RUBBER MOULD GLOSSY PAVING BLOCKS of 60 mm thickness of having a strength of 400 Kg/sqm of approved quality & shape on a bed of crushed sand of 25 to 30 millimeter thick including striking joints & cleaning etc. complete (using 100% crushed sand) [Bd. M12 P.No. 385] (S.S.R. I.No. 33.53 P.No. 211)					
	1	157.70	2.70		425.79 Sqm 425.79 Sqm
Item No. 5 :- Providing and laying Cast in situ/Ready Mix cement concrete in M15 of trap/ granite/quartzite/gneiss metal for steps including steel centering, formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing uneven and honeycombed surface and curing etc. complete. The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface, only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed.), 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) [Bd.E.2 P.No. 288 & B.7 P.No.38] (S.S.R.I.No. 24.04 P.No. 168)					
Paver block	2	158.00	0.15	0.15	7.11 Cum
	2	3.00	0.15	0.15	0.14 Cum
Bed	1	20.00	0.60	0.10	1.20 Cum
Wall	2	20.00	0.15	0.45	2.70 Cum 11.15 Cum
Item No. 6 :- Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening 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) [Bd.F.8 P.No. 302 & B.7, P.No.38] (S.S.R.I.No. 25.7 P.No. 176)					
	1	3.00	0.65	0.15	0.29 Cum 0.29 Cum
Item No. 7 :- 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. [Bd.F.17 P.No.306] (S.S.R.I.No. 26.33 P. No. 182)					
Qty as per I.No. 4	0.29		x	100.00 Kg/Cum Say	29.25 Kg 0.029 MT
Item No. 8 :- Supplying hard murum/ kankar at the road site, including conveying and stacking complete. (S.S.R.I.No. 2.29a P.No. 29)					
Side shoulder	2	158.00	0.45	0.20	28.44 Cum