

Detailed Estimate

OD/363/3475/119860/428845/00069508 : Const. of Paver block road at Badakellar village

Block : Laxmipur, Gram Panchayat : Kusumguda

Created By: GIRIJA SANKAR PATI

1. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed								
Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	bed	1.000	11.200	4.000	0.080	0.000	3.584	-
ii	bed	1.000	7.700	3.400	0.080	0.000	2.094	-
iii	bed	1.000	9.350	4.300	0.080	0.000	3.216	-
iv	bed	1.000	2.000	3.900	0.080	0.000	0.624	-
v	bed	1.000	4.800	3.800	0.080	0.000	1.459	-
vi	bed	1.000	4.800	5.300	0.080	0.000	2.035	-
vii	bed	1.000	8.050	4.200	0.080	0.000	2.705	-
viii	bed	1.000	4.600	4.250	0.080	0.000	1.564	-
ix	bed	1.000	3.200	2.000	0.080	0.000	0.512	-
x	bed	1.000	2.100	1.200	0.080	0.000	0.202	-
xi	bed	1.000	4.800	1.300	0.080	0.000	0.499	-
xii	NO WORK	1.000	3.300	1.750	0.080	0.000	-	0.462
Total Quantity					18.0328 cum (cum)		18.0328 Cum (Cubic Meter)	
Amount					18.0328 X 981.824232		17705.04	
2. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc								

Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	WALL	2.000	50.000	0.000	0.100	0.000	10.000	-
Total Quantity					10 Sqm (Sqm)		10 Sqm (Square Meter)	
Amount					10 X 216.23489289764		2162.35	

3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal

Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	CUTOFF	2.000	11.600	0.300	0.180	0.000	1.253	-
ii	CUTOFF	2.000	3.850	0.300	0.180	0.000	0.416	-
iii	CUTOFF	2.000	8.100	0.300	0.180	0.000	0.875	-
iv	CUTOFF	2.000	3.200	0.300	0.180	0.000	0.346	-
v	CUTOFF	2.000	9.700	0.300	0.180	0.000	1.048	-
vi	CUTOFF	2.000	4.100	0.300	0.180	0.000	0.443	-
vii	CUTOFF	2.000	2.400	0.300	0.180	0.000	0.259	-
viii	CUTOFF	2.000	3.700	0.300	0.180	0.000	0.400	-
ix	CUTOFF	2.000	5.200	0.300	0.180	0.000	0.562	-
x	CUTOFF	2.000	3.600	0.300	0.180	0.000	0.389	-
xi	CUTOFF	2.000	5.200	0.300	0.180	0.000	0.562	-
xii	CUTOFF	2.000	5.100	0.300	0.180	0.000	0.551	-
xiii	CUTOFF	2.000	8.450	0.300	0.180	0.000	0.913	-
xiv	CUTOFF	2.000	4.000	0.300	0.180	0.000	0.432	-

xv	CUTOFF	2.000	5.000	0.300	0.180	0.000	0.540	-
xvi	CUTOFF	2.000	4.050	0.300	0.180	0.000	0.437	-
xvii	CUTOFF	2.000	3.600	0.300	0.180	0.000	0.389	-
xviii	CUTOFF	2.000	1.800	0.300	0.150	0.000	0.162	-
xix	CUTOFF	2.000	2.500	0.300	0.180	0.000	0.270	-
xx	CUTOFF	2.000	1.000	0.300	0.180	0.000	0.108	-
xxi	CUTOFF	2.000	5.200	0.300	0.180	0.000	0.562	-
xxii	CUTOFF	2.000	1.100	0.300	0.180	0.000	0.119	-
Total Quantity					11.0322 cum (cum)		11.0322 Cum (Cubic Meter)	
Amount					11.0322 X 5351.8789606		59043.00	

4. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum

Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specificaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	SIDE PACKING WALL	2.000	11.600	0.200	0.100	0.000	0.464	-
ii	SIDE PACKING WALL	2.000	4.000	0.200	0.100	0.000	0.160	-
iii	SIDE PACKING WALL	2.000	8.100	0.200	0.100	0.000	0.324	-
iv	SIDE PACKING WALL	2.000	3.400	0.200	0.100	0.000	0.136	-
v	SIDE PACKING WALL	2.000	9.750	0.200	0.100	0.000	0.390	-

vi	SIDE PACKING WALL	2.000	4.300	0.200	0.100	0.000	0.172	-
vii	SIDE PACKING WALL	2.000	2.400	0.200	0.100	0.000	0.096	-
viii	SIDE PACKING WALL	2.000	3.900	0.200	0.100	0.000	0.156	-
ix	SIDE PACKING WALL	2.000	5.200	0.200	0.100	0.000	0.208	-
x	SIDE PACKING WALL	2.000	3.800	0.200	0.100	0.000	0.152	-
xi	SIDE PACKING WALL	2.000	5.200	0.200	0.100	0.000	0.208	-
xii	SIDE PACKING WALL	2.000	5.300	0.200	0.100	0.000	0.212	-
xiii	SIDE PACKING WALL	2.000	8.450	0.200	0.100	0.000	0.338	-
xiv	SIDE PACKING WALL	2.000	4.200	0.200	0.100	0.000	0.168	-
xv	SIDE PACKING WALL	2.000	5.000	0.200	0.100	0.000	0.200	-
xvi	SIDE PACKING WALL	2.000	4.250	0.200	0.100	0.000	0.170	-
xvii	SIDE PACKING WALL	2.000	3.600	0.200	0.100	0.000	0.144	-
xviii	SIDE PACKING WALL	2.000	2.000	0.200	0.100	0.000	0.080	-

xix	SIDE PACKING WALL	2.000	2.500	0.200	0.100	0.000	0.100	-
xx	SIDE PACKING WALL	2.000	1.200	0.200	0.100	0.000	0.048	-
xxi	SIDE PACKING WALL	2.000	5.200	0.200	0.100	0.000	0.208	-
xxii	SIDE PACKING WALL	2.000	1.300	0.200	0.100	0.000	0.052	-
Total Quantity					4.186 cum (cum)		4.186 Cum (Cubic Meter)	
Amount					4.186 X 7052.5478262		29521.97	

5. Earth Work (AR0103aa) : Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m

Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	bed	1.000	11.600	4.400	0.150	0.000	7.656	-
ii	no work area	1.000	3.300	1.750	0.150	0.000	-	0.866
iii	bed	1.000	8.150	3.800	0.150	0.000	4.646	-
iv	bed	1.000	9.700	4.700	0.150	0.000	6.839	-
v	bed	1.000	2.400	4.300	0.150	0.000	1.548	-
vi	bed	1.000	5.200	4.200	0.150	0.000	3.276	-
vii	bed	1.000	5.200	5.700	0.150	0.000	4.446	-
viii	bed	1.000	8.450	4.600	0.150	0.000	5.831	-
ix	bed	1.000	5.000	4.600	0.150	0.000	3.450	-
x	bed	1.000	3.600	2.400	0.150	0.000	1.296	-

xi	bed	1.000	2.500	1.600	0.150	0.000	0.600	-
xii	bed	1.000	5.200	1.700	0.150	0.000	1.326	-
xiii	CUTOFF	2.000	11.600	0.300	0.180	0.000	1.253	-
xiv	CUTOFF	2.000	3.850	0.300	0.180	0.000	0.416	-
xv	CUTOFF	2.000	8.100	0.300	0.180	0.000	0.875	-
xvi	CUTOFF	2.000	3.200	0.300	0.180	0.000	0.346	-
xvii	CUTOFF	2.000	9.700	0.300	0.180	0.000	1.048	-
xviii	CUTOFF	2.000	4.100	0.300	0.180	0.000	0.443	-
xix	CUTOFF	2.000	2.400	0.300	0.180	0.000	0.259	-
xx	CUTOFF	2.000	3.700	0.300	0.180	0.000	0.400	-
xxi	CUTOFF	2.000	5.200	0.300	0.180	0.000	0.562	-
xxii	CUTOFF	2.000	3.600	0.300	0.180	0.000	0.389	-
xxiii	CUTOFF	2.000	5.200	0.300	0.180	0.000	0.562	-
xxiv	CUTOFF	2.000	5.100	0.300	0.180	0.000	0.551	-
xxv	CUTOFF	2.000	8.450	0.300	0.180	0.000	0.913	-
xxvi	CUTOFF	2.000	4.000	0.300	0.180	0.000	0.432	-
xxvii	CUTOFF	2.000	5.000	0.300	0.180	0.000	0.540	-
xxviii	CUTOFF	2.000	4.050	0.300	0.180	0.000	0.437	-
xxix	CUTOFF	2.000	3.600	0.300	0.180	0.000	0.389	-
xxx	CUTOFF	2.000	1.800	0.300	0.180	0.000	0.194	-
xxxi	CUTOFF	2.000	2.500	0.300	0.180	0.000	0.270	-
xxxii	CUTOFF	2.000	1.000	0.300	0.180	0.000	0.108	-
xxxiii	CUTOFF	2.000	5.200	0.300	0.180	0.000	0.562	-

xxxiv	CUTOFF	2.000	1.100	0.300	0.180	0.000	0.119	-
Total Quantity					51.11085 cum (cum)		51.11085 Cum (Cubic Meter)	
Amount					51.11085 X 375.4984464		19192.04	
6. miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC								
Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	BED	1.000	11.200	4.400	0.000	0.000	49.280	-
ii	NO WORK	1.000	3.300	1.750	0.000	0.000	-	5.775
iii	BED	1.000	7.700	3.500	0.000	0.000	26.950	-
iv	BED	1.000	9.400	4.300	0.000	0.000	40.420	-
v	BED	1.000	2.000	3.900	0.000	0.000	7.800	-
vi	BED	1.000	4.800	3.800	0.000	0.000	18.240	-
vii	BED	1.000	4.800	5.300	0.000	0.000	25.440	-
viii	BED	1.000	8.050	4.200	0.000	0.000	33.810	-
ix	BED	1.000	4.600	4.200	0.000	0.000	19.320	-
x	BED	1.000	3.200	2.000	0.000	0.000	6.400	-
xi	BED	1.000	2.100	1.200	0.000	0.000	2.520	-
xii	BED	1.000	4.800	1.300	0.000	0.000	6.240	-
Total Quantity					230.645 Sqm (Sqm)		230.645 Sqm (Square Meter)	
Amount					230.645 X 635.85		146655.62	

Total Amount	274280.02
Addition	
Provision for Contingency (+) @	6400.00
Display Citizen Board (+) @	5000.00
Any Other Lumpsum (+) @	34319.90
Provision for survey investigation and quality control (+) @	
Total Addition	45719.90
Grand Net Total Amount	319999.92

GIRIJA SANKAR PATI
JE
Laxmipur Block

MUVALA PAWAN KUMAR
AEE
Laxmipur Block

SABYASACHI BEHERA
BDO
Laxmipur Block