

Zilla Parishad, Sangli

Panchayat Samiti, Tasgaon

FORM NO-52
MEASUREMENT BOOK

MB NO : 1478130000010001

YEAR : 2023-2024

Name of Work : CONSTRUCTION OF PRIMARY HEALTH CENTER BUILDING AND RESIDENTIAL
QUARTER AT KASABE DIGRAJ TAL. MIRAJ DIST. SANGLI

MEASUREMENT BOOK

Name of Work: CONSTRUCTION OF PRIMARY HEALTH CENTER BUILDING AND RESIDENTIAL QUARTER AT KASABE DIGRAJ TAL. MIRAJ DIST. SANGLI

Agency: ABC Construction, Sangli

Authority:

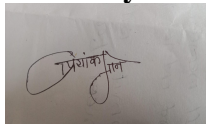
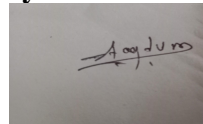
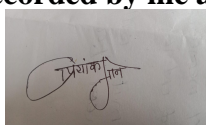
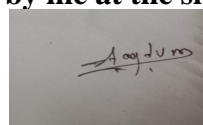
WorkOrder No: ZP/Sangli/WO/776301

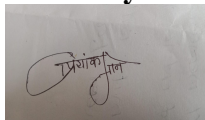
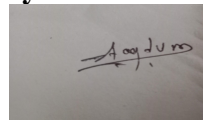
WorkOrder Date: 26-03-2023

Stipulated Date of Completion: 25-03-2026

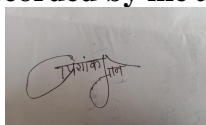
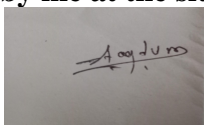
Date of Measurement: 20-08-2023

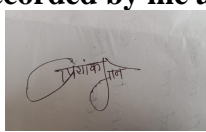
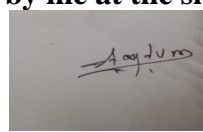
Sr NO	Particulars				Number	Length	Breadth	Height	Quantity			
Record Entry No :5					Date :20-08-2023							
Item No: 22	Providing and fixing in position thermo mechanically treated FE-500 bar reinforcements of various dias for reinforced cement concrete pile caps, footings, foundations, slabs, beams, columns, canopies, staircases, newels, chajjas, lintels, pardis, copings, fins, arches, excetra as per detailed designs, drawings and schedules including cutting, bendding, hooking the bars, binding with wires or tack welding and supporting as requied complete. (For Ground Floor)											
Sr No :7		RCC Member :RCC Chhajja				Member Particular :				No Of Members :4.0		
Sr No	Bar Particulars	No of Bars	Length of Bars	6mm	8mm	10mm	12mm	16mm	20mm	25mm	28mm	
1		17.0	0.900		61.200							
2		4.0	0.240			3.840						
Sr No :8		RCC Member :RCC Pardi				Member Particular :				No Of Members :5.0		
Sr No	Bar Particulars	No of Bars	Length of Bars	6mm	8mm	10mm	12mm	16mm	20mm	25mm	28mm	
1		6.0	3.300			99.000						
2		10.0	1.200		60.000							
Sr No :9		RCC Member :RCC Waist Slab				Member Particular :				No Of Members :2.0		
Sr No	Bar Particulars	No of Bars	Length of Bars	6mm	8mm	10mm	12mm	16mm	20mm	25mm	28mm	
1		7.0	1.300				18.200					
2		6.0	1.300				15.600					
Sr No :10		RCC Member :RCC Slabs				Member Particular :				No Of Members :1.0		

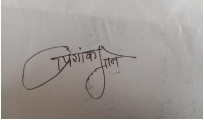
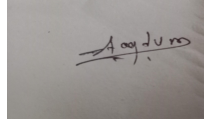
Sr NO	Particulars			Number		Length		Breadth		Height		Quantity	
Sr No	Bar Particulars	No of Bars	Length of Bars	6mm	8mm	10mm	12mm	16mm	20mm	25mm	28mm		
1		23.0	3.500			80.500							
2		18.0	4.500				81.000						
Total				0.000	121.200	183.340	114.800	0.000	0.000	0.000		0.000	
6	TMT Bar - 8 mm dia Total Length 121.2 R.Mt.& Weight 0.390 Kg/R.Mt.				121.2 * 0.390 / 1000								0.047
7	TMT Bar - 10 mm dia Total Length 183.34 R.Mt.& Weight 0.620 Kg/R.Mt.				183.34 * 0.620 / 1000								0.114
8	TMT Bar - 12 mm dia Total Length 114.8 R.Mt.& Weight 0.890 Kg/R.Mt.				114.8 * 0.890 / 1000								0.102
Measured and recorded by me at the site of work  Junior Engineer , Panchayat Samiti, Atpadi						Checked by me at the site of work  Deputy Engineer , Panchayat Samiti, Tasgaon							
Record Entry No :6						Date :10-08-2023							
Item No: 2	Excavation for foundation in hard murum including removing the excavated material 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 for all leads and lifts excetra complete. By Mechanical Means												
1	C7,C18,C19,C21,C22,C25,C26,C27,C28,C29,C30,C31				12.0		1.650		1.800		0.600		21.384
Measured and recorded by me at the site of work  Junior Engineer , Panchayat Samiti, Atpadi						Checked by me at the site of work  Deputy Engineer , Panchayat Samiti, Tasgaon							
Record Entry No :7						Date :14-08-2023							
Item No: 2	Excavation for foundation in hard murum including removing the excavated material 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 for all leads and lifts excetra complete. By Mechanical Means												
3	C1,C8,C14,C16,C23				5.0		2.250		2.700		0.600		18.225

Sr NO	Particulars	Number	Length	Breadth	Height	Quantity
Measured and recorded by me at the site of work  Junior Engineer , Panchayat Samiti, Atpadi			Checked by me at the site of work  Deputy Engineer , Panchayat Samiti, Tasgaon			
Record Entry No :8			Date :16-08-2023			
Item No: 1	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material 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 for all leads and lifts excetra complete. By Mechanical Means					
1	C7,C18,C19,C21,C22,C25,C26,C27,C28,C29,C30,C31	12.0	1.650	1.800	1.500	53.460
Item No: 2	Excavation for foundation in hard murum including removing the excavated material 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 for all leads and lifts excetra complete. By Mechanical Means					
2	C4,C5.C6,C10,C11,C12,C13,C20	8.0	1.950	2.250	0.600	21.060
Item No: 3	Excavation for foundation in hard murum and boulders including removing the excavated materials 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 the strutting for all leads and lifts excetra complete. By Mechanical Means					
1	C7,C18,C19,C21,C22,C25,C26,C27,C28,C29,C30,C31	12.0	1.650	1.800	0.450	16.038
3	C1,C8,C14,C16,C23	5.0	2.250	2.700	0.450	13.669
Item No: 4	Excavation for foundation in soft rock and old cement and lime masonry foundations including removing the excavated materials beyond the building area and stacking as directed including dewatering, preparing the bed for the foundation and necessary back filling, with available earth, murum, ramming, watering including shoring and strutting for all leads and lifts excetra complete. By Mechanical Means					
1	C7,C18,C19,C21,C22,C25,C26,C27,C28,C29,C30,C31	12.0	1.650	1.800	0.150	5.346
3	C1,C8,C14,C16,C23	5.0	2.250	2.700	0.150	4.557
Item No: 22	Providing and fixing in position thermo mechanically treated FE-500 bar reinforcements of various dias for reinforced cement concrete pile caps, footings, foundations, slabs, beams, columns, canopies, staircases, newels, chajjas, lintels, pardis, copings, fins, arches, excetra as per detailed designs, drawings and schedules including cutting, bendding, hooking the bars, binding with wires or tack welding and supporting as requied complete. (For Ground Floor)					
Sr No :1	RCC Member :RCC Footing	Member Particular :C1 to C10			No Of Members :10.0	

Sr NO	Particulars			Number		Length		Breadth		Height		Quantity	
Sr No	Bar Particulars	No of Bars	Length of Bars	6mm	8mm	10mm	12mm	16mm	20mm	25mm	28mm		
1	Main1	5.0	0.550				27.500						
2	Main2	6.0	0.550				33.000						
Sr No :2		RCC Member :RCC Footing			Member Particular :C1 to C15						No Of Members :5.0		
Sr No	Bar Particulars	No of Bars	Length of Bars	6mm	8mm	10mm	12mm	16mm	20mm	25mm	28mm		
1	Main1	8.0	0.750				30.000						
2	Main2	7.0	0.650				22.750						
Sr No :3		RCC Member :RCC Columns			Member Particular :C1 to C10						No Of Members :10.0		
Sr No	Bar Particulars	No of Bars	Length of Bars	6mm	8mm	10mm	12mm	16mm	20mm	25mm	28mm		
1	Main - Side	4.0	5.500						220.000				
2	Main - Middle	2.0	5.500					110.000					
3	Stirrups	12.0	1.100		132.000								
Sr No :4		RCC Member :RCC Columns			Member Particular :C1 to C15						No Of Members :5.0		
Sr No	Bar Particulars	No of Bars	Length of Bars	6mm	8mm	10mm	12mm	16mm	20mm	25mm	28mm		
1	Main - Side	4.0	5.500						110.000				
2	Main - Middle	4.0	5.500					110.000					
3	Stirrups	12.0	1.420		85.200								
Sr No :5		RCC Member :RCC Beams			Member Particular :B1 to B8						No Of Members :8.0		
Sr No	Bar Particulars	No of Bars	Length of Bars	6mm	8mm	10mm	12mm	16mm	20mm	25mm	28mm		
1	Top	3.0	5.000					120.000					
2	Bottom	3.0	5.000			120.000							
3	Stirrups	11.0	1.420		124.960								
Sr No :6		RCC Member :RCC Beams			Member Particular :B9 to B20						No Of Members :12.0		

Sr NO	Particulars				Number	Length	Breadth	Height	Quantity		
Sr No	Bar Particulars	No of Bars	Length of Bars	6mm	8mm	10mm	12mm	16mm	20mm	25mm	28mm
1	Top	3.0	4.200					151.200			
2	Bottom	3.0	4.200					151.200			
3	Stirrups	10.0	1.100		132.000						
Total				0.000	474.160	120.000	113.250	642.400	330.000	0.000	0.000
1	TMT Bar - 8 mm dia Total Length 474.16 R.Mt.& Weight 0.390 Kg/R.Mt.				474.16 * 0.390 / 1000						0.185
2	TMT Bar - 10 mm dia Total Length 120 R.Mt.& Weight 0.620 Kg/R.Mt.				120 * 0.620 / 1000						0.074
3	TMT Bar - 12 mm dia Total Length 113.25 R.Mt.& Weight 0.890 Kg/R.Mt.				113.25 * 0.890 / 1000						0.101
4	TMT Bar - 16 mm dia Total Length 642.4 R.Mt.& Weight 1.580 Kg/R.Mt.				642.4 * 1.580 / 1000						1.015
5	TMT Bar - 20 mm dia Total Length 330 R.Mt.& Weight 2.470 Kg/R.Mt.				330 * 2.470 / 1000						0.815
Measured and recorded by me at the site of work  Junior Engineer , Panchayat Samiti, Atpadi						Checked by me at the site of work  Deputy Engineer , Panchayat Samiti, Tasgaon					
Record Entry No :9						Date :17-08-2023					
Item No: 1	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material 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 for all leads and lifts excetra complete. By Mechanical Means										
2	C4,C5.C6,C10,C11,C12,C13,C20				8.0	1.950	2.250	1.500	52.651		
Item No: 3	Excavation for foundation in hard murum and boulders including removing the excavated materials 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 the strutting for all leads and lifts excetra complete. By Mechanical Means										
2	C4,C5.C6,C10,C11,C12,C13,C20				8.0	1.950	2.250	0.450	15.796		
Item No: 4	Excavation for foundation in soft rock and old cement and lime masonry foundations including removing the excavated materials beyond the building area and stacking as directed including dewatering, preparing the bed for the foundation and necessary back filling, with available earth, murum, ramming, watering including shoring and strutting for all leads and lifts excetra complete. By Mechanical Means										

Sr NO	Particulars	Number	Length	Breadth	Height	Quantity					
2	C4,C5.C6,C10,C11,C12,C13,C20	8.0	1.950	2.250	0.150	5.265					
Measured and recorded by me at the site of work  Junior Engineer , Panchayat Samiti, Atpadi			Checked by me at the site of work  Deputy Engineer , Panchayat Samiti, Tasgaon								
Record Entry No :10			Date :20-08-2023								
Item No: 22	Providing and fixing in position thermo mechanically treated FE-500 bar reinforcements of various dias for reinforced cement concrete pile caps, footings, foundations, slabs, beams, columns, canopies, staircases, newels, chajjas, lintels, pardis, copings, fins, arches, excetra as per detailed designs, drawings and schedules including cutting, bendding, hooking the bars, binding with wires or tack welding and supporting as requied complete. (For Ground Floor)										
Sr No :7	RCC Member :RCC Chhajja			Member Particular :			No Of Members :4.0				
Sr No	Bar Particulars	No of Bars	Length of Bars	6mm	8mm	10mm	12mm	16mm	20mm	25mm	28mm
1		17.0	0.900		61.200						
2		4.0	0.240			3.840					
Sr No :8	RCC Member :RCC Pardi			Member Particular :			No Of Members :5.0				
Sr No	Bar Particulars	No of Bars	Length of Bars	6mm	8mm	10mm	12mm	16mm	20mm	25mm	28mm
1		6.0	3.300			99.000					
2		10.0	1.200		60.000						
Sr No :9	RCC Member :RCC Waist Slab			Member Particular :			No Of Members :2.0				
Sr No	Bar Particulars	No of Bars	Length of Bars	6mm	8mm	10mm	12mm	16mm	20mm	25mm	28mm
1		7.0	1.300				18.200				
2		6.0	1.300				15.600				
Sr No :10	RCC Member :RCC Slabs			Member Particular :			No Of Members :1.0				
Sr No	Bar Particulars	No of Bars	Length of Bars	6mm	8mm	10mm	12mm	16mm	20mm	25mm	28mm
1		23.0	3.500			80.500					
2		18.0	4.500				81.000				
Total				0.000	121.200	183.340	114.800	0.000	0.000	0.000	0.000
6	TMT Bar - 8 mm dia Total Length 121.2 R.Mt.& Weight 0.390 Kg/R.Mt.				121.2 * 0.390 / 1000						0.047

Sr NO	Particulars	Number	Length	Breadth	Height	Quantity
7	TMT Bar - 10 mm dia Total Length 183.34 R.Mt.& Weight 0.620 Kg/R.Mt.	183.34 * 0.620 / 1000				0.114
8	TMT Bar - 12 mm dia Total Length 114.8 R.Mt.& Weight 0.890 Kg/R.Mt.	114.8 * 0.890 / 1000				0.102
Measured and recorded by me at the site of work  Junior Engineer , Panchayat Samiti, Atpadi			Checked by me at the site of work  Deputy Engineer , Panchayat Samiti, Tasgaon			