

Sharad Jayanthilal Kadakur

Project - DP - 24

Work Description - Cost Approval (Labour - Material)

Work Description - Cost Approval (Detailed)								
Sl.no	Description	UOM	Qty	A		B		Remarks
				Labour Rate.	Amount Rs.	Material Rate.	Amount Rs.	
RCC								
1	Grade Slab (M20)	Sft	1,150.000	15.00	17,250.00			
2		Cft	383.000			116.00	44,428.00	
3		Sft	1,301.000	7.50	9,757.50			
4	PCC	Cft	414.000			108.00	46,872.00	
5	WaterProofing	Sft	1,700.000	8.00	13,600.00	-	- 0	with material
6	Retaining Wall (M20)	Sft	173.000	35.00	6,055.00			
7		Cft	29.000			116.00	3,364.00	
8	Chajjas (M20)	Sft	531.000	45.00	23,895.00			
9		Cft	143.000			116.00	16,588.00	
10	Columns (M20)	Sft	107.000	40.00	4,280.00			
11		Cft	13.000			116.00	1,508.00	
12	Beams (M20)	Sft	129.000	40.00	5,160.00			
13		Cft	47.000			116.00	5,452.00	
14	PCC	Sft	36.000	7.50	270.00			
15		Cft	7.000			108.00	756.00	
16	Footings (M20)	Sft	35.000	40.00	1,400.00			
17		Cft	26.000			116.00	3,016.00	
18	Pedestals (M20)	Sft	23.000	40.00	920.00			
19		Cft	6.000			116.00	696.00	
Brickwork - 4"								
21	Stilt Floor	Sft	84.000	49.25	4,137.00	-	- 0	
22	First Floor	Sft	34.000	53.20	1,808.80	-	- 0	
23	Second Floor	Sft	238.000	57.15	13,601.70	-	- 0	
24	Third Floor	Sft	73.000	61.05	4,456.65	-	- 0	
Internal Plastering								
25	First Floor	Sft	68.000	41.70	2,835.60	-	- 0	
26	Third Floor	Sft	124.000	47.85	5,933.40	-	- 0	
External Plastering								
27	Stilt Floor	Sft	294.000	42.00	12,348.00	-	- 0	
28	First Floor	Sft	277.000	45.35	12,561.95	-	- 0	
29	Second Floor	Sft	283.000	48.70	13,782.10	-	- 0	
30	Third Floor	Sft	199.000	52.10	10,367.90	-	- 0	
				A	1,64,420.60	B	1,22,680.00	
				Total (A+B)	2,87,100.60			
				Add GST 18%	51,678.11			
				Total Amount Rs.	3,38,778.71			

APPROVED BY
04 JUL 2024
A SURESH
PROJECT MANAGER

APPROVED BY
04 JUL 2024
SOHAM MODI

Sharad Jayanthilal Kadakia

Project: DP - 24

Work Description : Abstract (Labour + Material)

Sl.no.	Description	UOM	Labour Qty	Material Qty	Remarks
1	Grade Slab	Sft	1,150.000		
		Cft		383.000	
2	PCC	Sft	1,301.000		
		Cft		434.000	
3	WaterProofing	Sft	1,700.000		
	RCC - M20	Sft			
4	Retaining Wall	Sft	173.000		
		Cft		29.000	
5	Chajjas	Sft	531.000		
		Cft		143.000	
6	Columns	Sft	107.000		
		Cft		13.000	
7	Beams	Sft	129.000		
		Cft		47.000	
	Brickwork - 4"				
8	Stilt Floor	Sft	84.000		
9	First Floor	Sft	34.000		
10	Second Floor	Sft	238.000		
11	Third Floor	Sft	73.000		
	Plastering				
	Internal				
12	First Floor	Sft	68.000		
13	Third Floor	Sft	124.000		
	External				
14	Stilt Floor	Sft	294.000		
15	First Floor	Sft	277.000		
16	Second Floor	Sft	283.000		
17	Third Floor	Sft	199.000		
MS Footings & Pedestals					
18	PCC	Sft	36.000		
19		Cft		7.000	
20	Footings	Sft	35.000		
21		Cft		26.000	
22	Pedastals	Sft	23.000		
23		Cft		6.000	
24	Steel	Kgs	49.000		

Sharad Jayanthilal Kadakia

Project: DP - 24

Work Description : Cost Approval (Labour + Material)

Sl.no.	Description	SKU Code	UOM	Qty	A		B		Remarks
					Labour Rate.	Amount Rs.	RCC Material Rate.	Amount Rs.	
	RCC								
1	Grade Slab (M20)	1401	Sft	1,150.000	15.00	17,250.00			
2		4733	Cft	383.000			116.00	44,428.00	
3	PCC (M15)	2744	Sft	1,301.000	7.50	9,757.50			
4		6417	Cft	434.000			108.00	46,872.00	
5	WaterProofing	9845	Sft	1,700.000	8.00	13,600.00	-	- .0	with material
6	Retaining Wall (M20)	9626	Sft	173.000	35.00	6,055.00			
7		6552	Cft	29.000			116.00	3,364.00	
8	Chajjas (M20)	7624	Sft	531.000	45.00	23,895.00			
9		8783	Cft	143.000			116.00	16,588.00	
10	Columns (M20)	3669	Sft	107.000	40.00	4,280.00			
11		6989	Cft	13.000			116.00	1,508.00	
12	Beams (M20)	7624	Sft	129.000	40.00	5,160.00			
13		8783	Cft	47.000			116.00	5,452.00	
14	PCC (M10)	2795	Sft	36.000	7.50	270.00			
15		7312	Cft	7.000			108.00	756.00	
16	Footings (M20)	7205	Sft	35.000	40.00	1,400.00			
17		2640	Cft	26.000			116.00	3,016.00	
18	Pedestals (M20)	7026	Sft	23.000	40.00	920.00			
19		6109	Cft	6.000			116.00	696.00	
	Brickwork - 4"								
21	Stilt Floor	5718	Sft	84.000	49.25	4,137.00	-	- .0	
22	First Floor	7676	Sft	34.000	53.20	1,808.80	-	- .0	
23	Second Floor	1198	Sft	238.000	57.15	13,601.70	-	- .0	
24	Third Floor	5285	Sft	73.000	61.05	4,456.65	-	- .0	
	Internal Plastering								
25	First Floor	5185	Sft	68.000	41.70	2,835.60	-	- .0	
26	Third Floor	1097	Sft	124.000	47.85	5,933.40	-	- .0	
	External Plastering								
27	Stilt Floor	4274	Sft	294.000	42.00	12,348.00	-	- .0	
28	First Floor	7911	Sft	277.000	45.35	12,561.95	-	- .0	
29	Second Floor	7786	Sft	283.000	48.70	13,782.10	-	- .0	
30	Third Floor	3849	Sft	199.000	52.10	10,367.90	-	- .0	
					A	164,420.60	B	122,680.00	
					Total (A+B)	287,100.60			
					Add GST 18%	51,678.11			
					Total Amount Rs.	338,778.71			

Sharad Jayanthilal Kadakia					
Project: DP - 24					
Work Description : Abstract (Labour + Material)					
Sl.no.	Description	UOM	Labour Qty	Material Qty	Remarks
1	Grade Slab	Sft	1,150.000		
		Cft		383.000	
2	PCC	Sft	1,301.000		
		Cft		434.000	
3	WaterProofing	Sft	1,700.000		
	RCC - M20	Sft			
4	Retaining Wall	Sft	173.000		
		Cft		29.000	
5	Chajjas	Sft	531.000		
		Cft		143.000	
6	Columns	Sft	107.000		
		Cft		13.000	
7	Beams	Sft	129.000		
		Cft		47.000	
	Brickwork - 4"				
8	Stilt Floor	Sft	84.000		
9	First Floor	Sft	34.000		
10	Second Floor	Sft	238.000		
11	Third Floor	Sft	73.000		
	Plastering				
	Internal				
12	First Floor	Sft	68.000		
13	Third Floor	Sft	124.000		
	External				
14	Stilt Floor	Sft	294.000		
15	First Floor	Sft	277.000		
16	Second Floor	Sft	283.000		
17	Third Floor	Sft	199.000		
MS Footings & Pedestals					
18	PCC	Sft	36.000		
19		Cft		7.000	
20	Footings	Sft	35.000		
21		Cft		26.000	
22	Pedastals	Sft	23.000		
23		Cft		6.000	
24	Steel	Kgs	49.000		

Sharad Jayanthilal Kadakia

Project: DP - 24

Work Description : Grade Slab

Sl.no.	Description	UOM	Nos	L	W	D	Qty	Sub Total	Remarks
	Grade Slab								
1	Parking	Sft	1		1,150.387		1,150.387	1,150.000	
2	Parking	Cft	1		1,150.387	0.333	383.462	383.000	
	PCC - 4"								
1	Lobby + Staircase	Sft	1		145.228		145.228		pcc
2	Terrace Slab	Sft	1		1,233.955		1,233.955		pcc
	Lift & lobby	Sft	-1		73.500		-73.500		
	Opening	Sft	-1		5.000		-5.000		
	Total						Qty	1,301.000	Sft
	PCC - 4" - Concrete								
1	Lobby + Staircase	Cft	1		145.228	0.333	48.409		pcc
2	Terrace Slab	Cft	1		1,233.955	0.333	411.318		pcc
	Lift & lobby	Cft	-1		73.500	0.333	-24.500		
	Opening	Cft	-1		5.000	0.333	-1.667		
	Total						Qty	434.000	Cft

Sharad Jayanthilal Kadakia

Project: DP - 24

Work Description : Miscellaneous works

Sl.no.	Description	UOM	Nos	L	W	H	Qty	Sub Total	Remarks
Stilt Floor - Brick work 4"									
1	Store Room Door Frame Changing	Sft	2	3.000		7.000	42.000		
2	Brick Wall - Demolish	Sft	1	3.000		7.000	21.000		
3	Brick Wall - New	Sft	1	3.000		7.000	21.000		
	Total							84.000	Sft
Second Floor - Brick work 4"									
1	M.Bed Room - Door Frame Change	Sft	1	3.250		7.000	22.750		
2	Bed Room Toilet - Door Frame Change	Sft	1	2.500		7.000	17.500		
3	Verandah - Door Frame Demolish	Sft	1	10.250		9.667	99.083		
3	Verandah - Door Frame Change	Sft	1	10.250		9.667	99.083		
								238.000	Sft

Sharad Jayanthilal Kadakia Project: DP - 24 Work Description : WaterProofing									
Sl.no.	Description	UOM	Nos	L	W	D	Qty	Sub Total	Remarks
1	Open Terrace Slab	Sft	1		397.409		397.409		
2	Terrace Slab	Sft	1		1,233.955		1,233.955		
3	Head Room	Sft	1		73.500		73.500		
	Opening	Sft	-1		5.000		-5.000		
	Total						Qty	1,700.000	Sft

Sharad Jayanthilal Kadakia									
Project: DP - 24									
Work Description : RCC Works									
Sl.no.	Description	UOM	Nos	L	W	D	Qty	Sub Total	Remarks
	Retaining Wall								
1	Backside Wall - Concrete	Cft	1	43.330	0.333	2.000	28.887	29.000	Cft
2	Backside Wall - Shuttering	Sft	1	43.330		2.000	173.320	173.000	Sft
	Chajjas								
	<u>East Side</u>								
	Concrete								
1	Stilt Floor - Concrete	Cft	1	12.250	1.500	0.333	6.125	6.000	Cft
2	First Floor - Concrete	Cft	1	45.500	1.500	0.333	22.750	23.000	Cft
3	Second Floor - Concrete	Cft	1	45.500	1.500	0.333	22.750	23.000	Cft
4	Third Floor - Concrete	Cft	1	38.167	1.500	0.333	19.083	19.000	Cft
								71.000	Cft
	Shuttering								
1	Stilt Floor - Shuttering	Sft	1	12.250	1.500	0.333	23.458	23.000	Sft
2	First Floor - Shuttering	Sft	1	45.500	1.500	0.333	84.417	84.000	Sft
3	Second Floor - Shuttering	Sft	1	45.500	1.500	0.333	84.417	84.000	Sft
4	Third Floor - Shuttering	Sft	1	38.167	1.500	0.333	70.472	70.000	Sft
								261.000	Sft
	External Plastering								
1	Stilt Floor	Sft	1	12.250	1.500	0.333	41.833	42.000	Sft
2	First Floor	Sft	1	45.500	1.500	0.333	152.667	153.000	Sft
3	Second Floor	Sft	1	45.500	1.500	0.333	152.667	153.000	Sft
4	Third Floor	Sft	1	38.167	1.500	0.333	128.222	128.000	Sft
								476.000	Sft
	<u>West Side</u>								
	Concrete								
1	Stilt Floor - Concrete	Cft	1	36.750	1.500	0.333	18.375	18.000	Cft
2	First Floor - Concrete	Cft	1	36.750	1.500	0.333	18.375	18.000	Cft
3	Second Floor - Concrete	Cft	1	38.750	1.500	0.333	19.375	19.000	Cft
4	Third Floor - Concrete	Cft	1	21.000	1.500	0.333	10.500	11.000	Cft
								66.000	Cft
	Shuttering								
1	Stilt Floor - Shuttering	Sft	1	36.750	1.500	0.333	67.875	68.000	Sft
2	First Floor - Shuttering	Sft	1	36.750	1.500	0.333	67.875	68.000	Sft
3	Second Floor - Shuttering	Sft	1	38.750	1.500	0.333	71.542	72.000	Sft
4	Third Floor - Shuttering	Sft	1	21.000	1.500	0.333	38.500	39.000	Sft
								247.000	Sft
	External Plastering								
1	Stilt Floor	Sft	1	36.750	1.500	0.333	123.500	124.000	Sft
2	First Floor	Sft	1	36.750	1.500	0.333	123.500	124.000	Sft
3	Second Floor	Sft	1	38.750	1.500	0.333	130.167	130.000	Sft
4	Third Floor	Sft	1	21.000	1.500	0.333	71.000	71.000	Sft
								449.000	Sft
	<u>North Side</u>								
	Concrete								
1	Stilt Floor - Concrete	Cft	1	12.000	1.500	0.333	6.000	6.000	Cft
	Shuttering								
1	Stilt Floor - Shuttering	Sft	1	12.000	1.500	0.333	23.000	23.000	Sft
	External Plastering								
1	Stilt Floor	Sft	1	12.000	1.500	0.333	41.000	41.000	Sft
	<u>3rd Floor - Open Terrace</u>								
	Concrete								
1	Columns	Cft	6	0.500	0.500	8.917	13.375	13.000	
2	Beams	Cft	6	0.750	0.750	13.917	46.969	47.000	
								60.000	Cft
	Shuttering								
1	Columns	Sft	6	0.500	0.500	8.917	107.000	107.000	

2	Beams	Sft	6	0.750	0.750	13.917	128.625	129.000	
								236.000	Sft

Work Description : CW

S.No.	Description	UOM	Nos	L	W	D	Qty	Sub Total	Remarks
	Retaining Wall								
2	Plastering	Sft	1	43.330	0.333	2.000	87.327	87.000	Sft
	ISMB Wall								
	Brick Work - 4"								
1	1st Floor MD Room	Sft	1	16.750	0.333	2.000	34.000		
2	3rd Floor Gym	Sft	1	10.500	0.333	2.000	21.000		
3	3rd Floor Open Terrace to Study Room	Sft	1	26.750	0.333	1.500	40.000		
								95.000	Sft
	Internal Plastering								
1	1st Floor MD Room	Sft	1	16.750	0.333	2.000	68.000		
2	3rd Floor Gym	Sft	1	10.500	0.333	2.000	43.000		
3	3rd Floor Open Terrace to Study Room	Sft	1	26.750	0.333	1.500	81.000		
								192.000	Sft
	Brick Work - 4"								
1	3rd Floor - Toilet Window Wall	Sft	1	3.000		4.000	12.000	12.000	Sft

Work Description : MS Staircase - RCC Works

Sl.no.	Description	UOM	Nos	L	W	D	Qty	Sub Total	Remarks
Shuttering									
	PCC								
1	F1	Sqm	3	1.050	1.050	0.060	3.308		
								3.308	Sqm
								36.000	Sft
	Footings								
2	F1	Sqm	3	0.900	0.900	0.300	3.240		
								3.240	Sqm
								35.000	Sft
	Pedestals								
3	F1	Sqm	3	0.300	0.300	0.600	2.160		
								2.160	Sqm
								23.000	Sft
Concrete									
	PCC								
1	F1	Cum	3	1.050	1.050	0.060	0.198		
								0.198	Cum
								7.000	Cft
	Footings								
2	F1	Cum	3	0.900	0.900	0.300	0.729		
								0.729	Cum
								26.000	Cft
	Pedestals								
3	F1	Cum	3	0.300	0.300	0.600	0.162		
								0.162	Cum
								6.000	Cft
BBS									
1	8mm & 10mm	MT	1				0.049	0.049	MT
								49.000	Kgs

S.No	Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover	Overlap
		L (mm)	B (mm)	H (mm)	Particular Placing of Bar	mm		(mm)	(mm)	
1	F1	900	900	300	Bot_Main	10	150	200	50	
					Bot_Dist	10				
2	Pedestal	300	300	900	Main Bar	10		300	40	
					Stirrups	8				

BBS SCHEDULE-Footings (All dimension are in mm/m)

Bar Shape			Bend Deductions				Cutting Length	No. of Bars				Total Nos.
			45°	90°	135°	180°	(m)	No. of Bars	No. of Members			
2	90 deg bend											
200		200	10	20	30	40	1.160	6	x	3	=	18
	800											
2	90 deg bend											
200		200	10	20	30	40	1.160	6	x	3	=	18
	800											
1	90 deg bend											
		810	10	20	30	40	1.100	8	x	3	=	24
	300											
96												
220			8	16	24	32	0.976	6	x	3	=	18

Total Length
Unit Weight In
Total Weight I
Total Weight I

Total Length with Dia. (m)

32

20.880

20.880

26.400

17.568 17.568

	17.568	68.160	0.000	0.000	0.000	0.000	0.000
l (Kg)	0.395	0.617	0.888	1.579	2.467	3.855	6.316
n (KG)	6.939	42.055	0.000	0.000	0.000	0.000	0.000
n (TON)	0.007	0.042	0.000	0.000	0.000	0.000	0.000

MT

DP 24						
<u>M15 RMC:-</u>						
Supply of RMC M25 concrete to the site, includes transport charges from Plant.						
S.No	Description	Unit	Quantity	Rate	Amount	Remarks
	Details for 1 Cum Concrete					
	<u>Material:-</u>					
1	<u>M15 (RMC)</u> Concrete	Cum	1.000	3,305.08	3,305.08	
2	Add wastage_Concrete @ 5%	Cum	0.050	3,305.08	165.25	
	Total				3,470.34	"X"
	Add CPOH @ 10% on "X"				347.03	
	Cost per 1 Cum_M15				3,817.37	
	Cost per 1 CFT of M15				108.00	

<u>M20 RMC:-</u>						
Supply of RMC M25 concrete to the site, includes transport charges from Plant.						
S.No	Description	Unit	Quantity	Rate	Amount	Remarks
	Details for 1 Cum Concrete					
	<u>Material:-</u>					
1	<u>M20 (RMC)</u> Concrete	Cum	1.000	3,559.32	3,559.32	
2	Add wastage_Concrete @ 5%	Cum	0.050	3,559.32	177.97	
	Total				3,737.29	"X"
	Add CPOH @ 10% on "X"				373.73	
	Cost per 1 Cum_M20				4,111.02	
	Cost per 1 CFT of M20				116.00	

<u>M35 RMC:-</u>						
Supply of RMC M35 concrete to the site, includes transport charges from Plant.						
S.No	Description	Unit	Quantity	Rate	Amount	Remarks
	Details for 1 Cum Concrete					
	<u>Material:-</u>					
1	<u>M35 (RMC)</u> Concrete	Cum	1.000	4,491.53	4,491.53	
2	Add wastage_Concrete @ 5%	Cum	0.050	4,491.53	224.58	
	Total				4,716.10	"X"
	Add CPOH @ 10% on "X"				471.61	
	Cost per 1 Cum_M25				5,187.71	
	Cost per 1 CFT of M25				147.00	

Centering, Rod Bending & Casting of concrete:-						
(As per Circular 801(F) dated 24.09.2021)						
Rates include marking charges, curing, making bunds for curing, making covering blocks, etc. Concrete mixer, vibrators, lifts, bamboos, oil and all other materials to be provided by contractor at his own cost.						
S.No	Description	Unit	Quantity	Rate	Amount	Remarks
	Slab height 10'10"					

1	Slab 1	Sft	1	47.00	47.00	
2	Slab 2 (Slab1 +8%)	Sft	1	50.80	50.80	
3	Slab 3 (Slab1 +16%)	Sft	1	54.60	54.60	
4	Slab 4 (Slab1 +24%)	Sft	1	58.30	58.30	