

Anx B – Work Completion Report

Company	AMTZ Medpolis Square 4554 Pvt Ltd	Name of contractor	Simhaa Constructions	Sl. No. site bills reg.	152					
Project/site	AMS4554	Nature of work	RCC work	Dt. site bills reg.	13-11-2025					
Block no.	AMS4554	Work done from date	15-10-2025	M-codex bill ID.						
WO no.	20251103013	Work done to date	31-10-2025	WO issued ?	Yes					
WO date	03-11-2025	Contractor bill no.	81	GST bill required?	Yes					
Sl. No.	Unit/floor no	Details of work		Qty	Units	Rate ID	Rate	Amount		
1	AMS4554 / Level 04	CONST - RCC 5274 - Construction - Slab 6 - Shuttering - Sqm (Labour charges for the shuttering works of tie beams)		104.32	Sqm	RCC 216	1,139.00	1,18,820.48		
2	AMS4554 / Level 04	CONST - RCC 5577 - Construction -Slab 6 - Bar bending - Ton (Labour charges for bar bending works)		1.81	Ton	RCC 217	11,167.00	20,212.27		
3	AMS4554 / Level 04	CONST - RCC 3121 - Construction - Slab 6 - Concreting - Material - cum (Concrete material charges for the duct beams)		8.31	Cum	RCC 189	4,933.00	40,993.23		
4	AMS4554 / Level 04	CONST - RCC 7520 - Construction - Slab 6 - Concreteing - Labour - cum (Labour charges for the concrete pouring works)		8.31	Cum	RCC 215	1,213.00	10,080.03		
5	AMS4554 / Level 04	CONST - RCC 5171 - Construction - RCC - Lift charges - Slab - 04 - cum (Lift charges for the concrete material)		8.31	Cum	RCC 135	740.00	6,149.40		
6	AMS4554 / Level 04	CONST - RCC 1257 - Construction - RCC - Steel - Miscellaneous - misc - Nos(Labour charges for anchoring works of 8 mm bars of floor beams & tie beams)		646.00	No's		120.06	77,558.76		
							Add GST @	18%	2,73,814.49,287	
							Total amount including taxes for work done			3,23,101
Remarks:										
Approved by project manager			Approved by QS team			Approved by Director/E&D team				
Sign:			Sign:			Sign:				
Date: 13/11/25			Date:			Date:				
Notes: 1. This sheet replaces installation report and advice for credit to contractors. 2. This word form must be typed. 3. Use this form even if work order is not issued. 4. Attach measurement and estimate sheets only if required i.e., details cannot be entered above. 5. For bill amount greater than 10k QS manager and directors approval is required. 6. For bill amount less than 10k any QS team member may sign and in place of director sign of respective E&D member to be taken. 7. Director include - Subramanian Mehta (for GHT + GMR), Sachin (for Vivopolis), B. anand Kumar (for NGH + NRK). 8. Entry of rate ID is mandatory. 9. This sheet must be sent within 2 working days of work completion (with or without contractors bill). 10. Contractors to send scanned copy of bill to site and QS by email. 11. Contractors must submit original bills at HO (can be sent by courier).										

ESTIMATE SHEET							Approved by:	N. Leela Venkatesh
Company Name:		AMTZ Medpolis Square 4554 Pvt Ltd						
Project:		AMS4554						
Work Description:		RCC works for floor & Tie beams in Level 04						
Prepared By		N. Leela Venkatesh						
Date:		13-11-2025						
S No.	Unit/Floor no	Item Description	Quantity	Units	Rate	Amount	Item Head Total	Remarks
1	AMS4554 / Level 04	CONST - RCC 5274 - Construction - Slab 6 - Shuttering - Sqm (Labour charges for the shuttering works of tie beams)	104.32	Sqm	1,139.00	118820.48	1,18,820.48	
2	AMS4554 / Level 04	CONST - RCC 5577 - Construction - Slab 6 - Bar bending - Ton (Labour charges for bar bending works)	1.81	Ton	11,167.00	20212.27	20,212.27	
3	AMS4554 / Level 04	CONST - RCC 3121 - Construction - Slab 6 - Concreting - Material - cum (Concrete material charges for the duct beams)	8.31	Cum	4,933.00	40993.23	40,993.23	
4	AMS4554 / Level 04	CONST - RCC 7520 - Construction - Slab 6 - Concreting - Labour - cum (Labour charges for the concrete pouring works)	8.31	Cum	1,213.00	10080.03	10,080.03	
5	AMS4554 / Level 04	CONST - RCC 5171 - Construction - RCC - Lift charges - Slab - 04 - cum (Lift charges for the concrete material)	8.31	Cum	740.00	6149.40	6,149.40	
6	AMS4554 / Level 04	CONST - RCC 1257 - Construction - RCC - Steel - Miscellaneous - misc - Nos(Labour charges for anchoring works of 8 mm bars of floor beams & tie beams)	646.00	No's	120.06	77558.76	77,558.76	
						Total	2,73,814	

APPROVED BY

13 NOV 2015

LEELA VENKATESH.N.
Project Manager

MEASUREMENT SHEET													
Company Name:		AMTZ Medpolis Square 4554 Pvt Ltd				Approved by:		N. Leela Venkatesh					
Project:		AMS4554				Sign:							
Work Description :		RCC works for floor & Tie beams in Level 04				Work start date:		15-10-2025					
Contractor:		Simhaa Constructions				Work end date:		31-10-2025					
Prepared By:		N. Leela Venkatesh				Date :		13-11-2025					
S No.	Item Head	Item Description				A	B	C	D	E	F=AxBxCxD	G	H=Sum of F Item Head Total
						Length	Width	Height	Nos.	Unit wt/mtr	Quantity	Units	
1	RCC Works	CONST - RCC 5274 - Construction - Slab 6 - Shuttering - Sqm (Labour charges for the shuttering works of tie beams)				1.00	1.00	1.00	-	-	104.32	Sqm	104.32
2	RCC Works	CONST - RCC 5577 - Construction - Slab 6 - Bar bending - Ton (Labour charges for bar bending works)				1.00	1.00	1.00	-	-	1.81	Ton	1.81
3	RCC Works	CONST - RCC 3121 - Construction - Slab 6 - Concreting - Material - cum (Concrete material charges for the duct beams)				1.00	1.00	1.00	-	-	8.31	Cum	8.31
4	RCC Works	CONST - RCC 7520 - Construction - Slab 6 - Concreting - Labour - cum (Labour charges for the concrete pouring works)				1.00	1.00	1.00	-	-	8.31	Cum	8.31
5	RCC Works	CONST - RCC 5171 - Construction - RCC - Lift charges - Slab - 04 - cum (Lift charges for the concrete material)				1.00	1.00	1.00	-	-	8.31	Cum	8.31
6	RCC Works	CONST - RCC 1257 - Construction - RCC - Steel - Miscellaneous - misc - Nos(Labour charges for anchoring works of 8 mm bars of floor beams & tie beams)				1.00	1.00	1.00	-	-	646.00	No's	646.00
												TOTAL	777.06

APPROVED BY

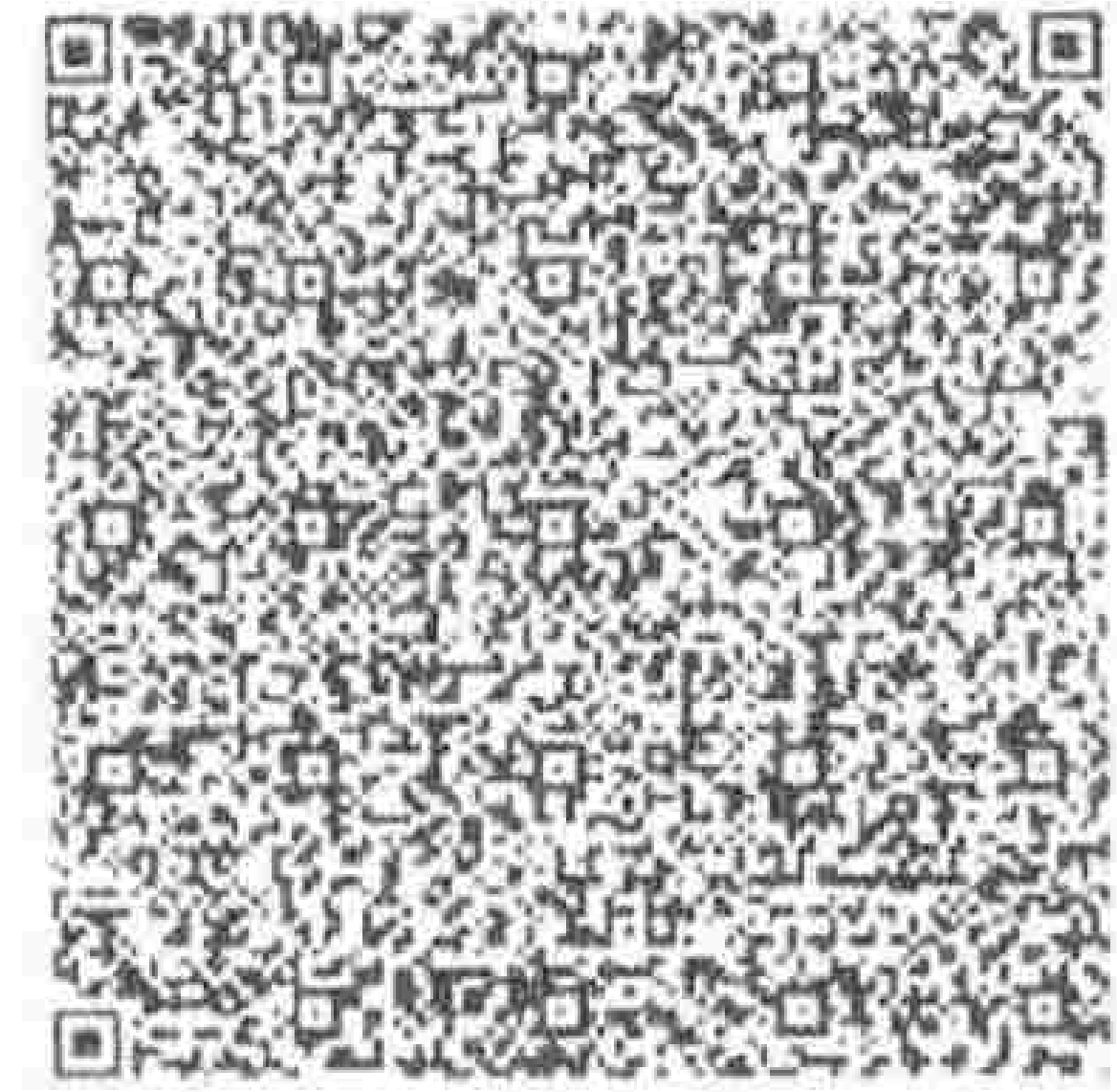
N. Leela Venkatesh

13 NOV 2025

LEELA VENKATESH.N.
Project Manager

Tax Invoice

e-Invoice



IRN 336adb7f33177f85440e1f7cf9379ccd7817c21d3018d4-3448dd80cf0d1b47f2
Ack No 112527549253121
Ack Date 7-Nov-25

Simhaa Constructions (2025-26)

Plot No 2, Block-B, Auto Nagar
Visakhapatnam
GSTIN/UIN 37ABMFS6706L1ZJ
State Name Andhra Pradesh, Code 37
E-Mail simhaaconstructions@rediffmail.com
Buyer (Bill to)

AMTZ Medpolis Square 4554 Pvt. Ltd
VM Steel Project Town Ship Sub Post Office
Ground, Plot No. D1-56, HUB Building, AMTZ Campus,
Pragathi Maidan, Visakhapatnam
GSTIN/UIN 37AAXCA5420G1ZG
State Name Andhra Pradesh, Code 37

Invoice No.	Dated
81	7-Nov-25
Delivery Note	Mode/Terms of Payment
Reference No. & Date	Other References
SC/AMS/4554/RA 77 dt. 7-Nov-25	
Buyer's Order No.	Dated
20251103013	3-Nov-25
Dispatch Doc No.	Delivery Note Date
Dispatched through	Destination
Terms of Delivery	

Sl No	Particulars	HSN/SAC	Quantity	Rate	per	Amount
1	Contract Receipt (2025-26) RA 77 for Civil Contract for RCC Works for the project AMTZ Medpolis Square 4554, Visakhapatnam, RCC Works for Floor and Tie Beam Works in Level 04 of AMTZ 4554	995415				2,73,814.17
	CGST - Output 9%			9 %		24,643.28
	SGST - Output 9%			9 %		24,643.28
Total						₹ 3,23,100.73

Amount Chargeable (in words)

INR Three Lakh Twenty Three Thousand One Hundred and Seventy Three paise Only

E & O E

HSN/SAC	Taxable Value	Rate	CGST Amount	SGST/UTCST Rate	Amount	Total Tax Amount
995415	2,73,814.17	9%	24,643.28	9%	24,643.28	49,286.56
Total	2,73,814.17		24,643.28		24,643.28	49,286.56

Tax Amount (in words) INR Forty Nine Thousand Two Hundred Eighty Six and Fifty Six paise Only

for Simhaa Constructions (2025-26)

Remarks

RA 77 RCC Works for Floor and Tie Beam Works in Level
04 of AMTZ 4554

For M/s. SIMHAA CONSTRUCTIONS

[Signature]
Managing Partner

Authorised Signatory

This is a Computer Generated Invoice

Civil Contract for RCC works for the project AMTZ Medpolis Square 4554 at AMTZ,
Visakhapatnam

RA - 77

SIMHAA CONSTRUCTIONS
Visakhapatnam

SIMHAA CONSTRUCTIONS

RA 77

DATE: 07.11.2025

Name of the work: Civil works for Construction of RCC building at AMTZ Medpolis Square 4554, Visakhapatnam.

Name of the Contractor: M/s Simhaa Constructions

P. O Number : 20251103013 on Dt: 03 Nov 2025

"RCC works for the Floor and tie beam works in level 04 of AMTZ 4554"

Sl. NO	Item Name	Uom	P.O Qty	Rate	QUANTITY			Amount	
					up to Previous	This Bill Qty	Total	Total Value of Work	Present Bill
1	CONST - RCC 5274 - Construction - Slab 6 - Shuttering -- sqm Labour charges for shuttering works of tie and floor beams. Read UOM as Sqm.	Sqm	104	1139.00	-	104.320	104.320	1,18,820.48	1,18,820.48
2	CONST - RCC 5577 - Construction - Slab 6 - Bar Bending -- Ton Labour charges for Bar bending works. Read UOM as MT.	Ton	2	11167.00	-	1.810	1.810	20,212.27	20,212.27
3	CONST - RCC 3121 - Construction - Slab 6 - Concreting - Material -- cum Charges for the concrete material (M35)	Cum	8	4933.00	-	8.310	8.310	40,993.23	40,993.23
4	CONST - RCC 7520 - Construction - Slab 6 - Concreting - Labour -- cum Labour charges for the concrete laying works. Read UOM as Cum.	Cum	8	1213.00	-	8.310	8.310	10,080.03	10,080.03
5	CONST - RCC 5171 - Construction - RCC - Lift Charges Slab - 06 -- cum Labour charges for concrete material lifting works. Read UOM as Cum.	Cum	8	740.00	-	8.310	8.310	6,149.40	6,149.40
6	CONST - RCC 1257 - Construction - RCC - Steel - Miscellaneous - misc - Nos. Labour charges for 8mm bar anchorage works.	No's	1024	120.06	-	646.000	646.000	77,558.76	77,558.76
Total								273814.17	273814.17

Total Value of present Bill

273814.17

Add GST @ 18%

49286.55

Total

323100.72

{ Amount In Words : Three Lakhs Twenty Three Thousand One Hundred Rupees and Seven Two Paise Only }

For M/s. SIMHAA CONSTRUCTIONS


 Managing Partner

Name of Agency : M/s SIMHAA CONSTRUCTIONS

Project: AMTZ Medpolis Square 4554 Pvt.Ltd.

Work: RCC works for the Floor and tie beam works in level 04 of AMTZ 4554

RAR No: 77

SUMMARY

Sl.No	Item	Description	Uom	Qty	Sub Total
	Level 04 (4rth floor)				
	Lockset - Anchoring = #8mm Rebars				646.000
1	Lockset - Anchoring = #8mm Rebars	Anchoring @ Duct Masorny Wall CC Bed	Each	128.000	
2	Lockset - Anchoring = #8mm Rebars	Anchoring @ Floor Beam Verticals	Each	518.000	
	RCC - M35 - RMC				8.310
3	Tie Beam RCC - M35 - RMC	RCC -Duct Tie Beam [150x300] at 3.0m Lvl	Cum	5.510	
4	Floor Beam RCC M35 -RMC	RCC - Floor Beam 150x150	Cum	1.691	
5	Duct Beam RCC -M35 - RMC	RCC -Addl.Beams [300x450](Secondary Beams at Ducts)	Cum	1.110	
	RCC - M35 -Labour				8.310
6	Tie Beam RCC - M35 -Labour	RCC -Duct Tie Beam [150x300] at 3.0m Lvl	Cum	5.510	
7	Floor Beam RCC M35 -Labour	RCC - Floor Beam 150x150	Cum	1.691	
8	Duct Beam RCC -M35 - Labour	RCC -Addl.Beams [300x450](Secondary Beams at Ducts)	Cum	1.110	
	RCC - M35 -Lift charges				8.310
9	Tie Beam RCC - M35 -Lift charges	RCC -Duct Tie Beam [150x300] at 3.0m Lvl	Cum	5.510	
10	Floor Beam RCC M35 -Lift Charges	RCC - Floor Beam 150x150	Cum	1.691	
11	Duct Beam RCC -M35 - Lift Charges	RCC -Addl.Beams [300x450](Secondary Beams at Ducts)	Cum	1.110	
	Formwork				104.320
12	Tie Beam RCC - Formwork	Form Work -Duct Tie Beam [150x300] at 3.0m Lvl	Sqm	73.170	
13	Floor Beam RCC - Form Work	Form Work - Floor Beam 150x150	Sqm	22.547	
14	Duct Beam RCC -Form Work	FormWork -Addl.Beams [300x450](Secondary Beams at Ducts)	Sqm	8.600	
	Steel				1.810
15	Tie Beams Steel	FF - Duct Outer Tie Beams at 3.0m Lvl	Ton	1.659	
16	Floor Beam Steel	Form Work - Floor Beam 150x150	Ton	0.058	
17	Duct Beam - Steel	Addl.Beams (Secondary Beams at Ducts)	Ton	0.093	

For M/s. SIMHAA CONSTRUCTIONS


 (KAN RAJU)
 Managing Partner

Name of Agency : M/s SIMHAA CONSTRUCTIONS

Project: AMTZ Medpolis Square 4554 Pvt.Ltd.

Work: RCC works for floor beams and tie beams in level 03 of AMTZ 4554

RAR No: 77

Level 04 (4th Floor) - Out Side Duct Tie Beam RCC Works

MEASUREMENT SHEET

Sl.no	Item Head	Item Description	L	W	D	Nos	Qty	UOM	Remarks
1	Lockset - Anchoring = #8mm Rebars	Anchoring @ Duct Masorny Wall CC Bed	No.of Items	No.of Bars	No.of Locations		Qty	Uom	
		grid A-1 Duct	2	2	2		8		
		grid A-2 Duct	2	2	2		8		
		grid A-3 Duct	2	2	2		8		
		grid A-4 Duct	2	2	2		8		
		grid A-5 Duct	2	2	2		8		
		grid A-6 Duct	2	2	2		8		
		grid A-7 Duct	2	2	2		8		
		grid E-1 Duct	2	2	2		8		
		grid E-2 Duct	2	2	2		8		
		grid E-3 Duct	2	2	2		8		
		grid E-4 Duct	2	2	2		8		
		grid E-5 Duct	2	2	2		8		
		grid E-6 Duct	2	2	2		8		
		grid E-7 Duct	2	2	2		8		
		grid D-7 Duct	2	2	2		8		
		grid C-1 Duct	2	2	2		8		

Total Qty in No's 128.000 No's

2	Tie Beam RCC	Duct Tie Beam 150x300 at 3.0m Lx1							
		grid A-1 Duct	9.500	0.150	0.300	1	0.430	Cum	
		grid A-2 Duct	7.025	0.150	0.300	1	0.320	Cum	
		grid A-3 Duct	7.025	0.150	0.300	1	0.320	Cum	
		grid A-4 Duct	8.100	0.150	0.300	1	0.360	Cum	
		grid A-5 Duct	7.600	0.150	0.300	1	0.340	Cum	
		grid A-6 Duct	7.600	0.150	0.300	1	0.340	Cum	
		grid A-7 Duct	9.450	0.150	0.300	1	0.430	Cum	
		grid E-1 Duct	9.500	0.150	0.300	1	0.430	Cum	
		grid E-2 Duct	7.025	0.150	0.300	1	0.320	Cum	
		grid E-3 Duct	7.025	0.150	0.300	1	0.320	Cum	
		grid E-4 Duct	8.100	0.150	0.300	1	0.360	Cum	
		grid E-5 Duct	7.600	0.150	0.300	1	0.340	Cum	
		grid E-6 Duct	7.600	0.150	0.300	1	0.340	Cum	
		grid E-7 Duct	9.450	0.150	0.300	1	0.430	Cum	
		grid D-7 Duct	3.900	0.150	0.300	1	0.180	Cum	
		grid C-1 Duct	5.450	0.150	0.300	1	0.250	Cum	

Total Qty in Cum 5.510 Cum

3	Tie Beam Form Work	Duct Tie Beam 150x300 at 3.0m Lx1							
		grid A-1 Duct - Outer	9.950		0.300	1	2.985	Sqm	
		grid A-1 Duct - Inner	9.050		0.300	1	2.715	Sqm	
		grid A-2 Duct - Outer	7.325		0.300	1	2.198	Sqm	
		grid A-2 Duct - Inner	6.725		0.300	1	2.018	Sqm	
		grid A-3 Duct - Outer	7.325		0.300	1	2.198	Sqm	
		grid A-3 Duct - Inner	6.725		0.300	1	2.018	Sqm	
		grid A-4 Duct - Outer	8.400		0.300	1	2.520	Sqm	
		grid A-4 Duct - Inner	7.800		0.300	1	2.340	Sqm	
		grid A-5 Duct - Outer	7.900		0.300	1	2.370	Sqm	
		grid A-5 Duct - Inner	7.300		0.300	1	2.190	Sqm	
		grid A-6 Duct - Outer	7.900		0.300	1	2.370	Sqm	

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

Level 04 (4th Floor) - Out Side Duct Tie Beam RCC Works

MEASUREMENT SHEET

Sl no.	Item Head	Item Description	L	W	D	Nos	Qty	UOM	Remarks
		grid A-6 Duct - Inner	7.300		0.300	1	2.190	Sqm	
		grid A-7 Duct - Outer	9.900		0.300	1	2.970	Sqm	
		grid A-7 Duct - Inner	9.000		0.300	1	2.700	Sqm	
		grid E-1 Duct - Outer	9.950		0.300	1	2.985	Sqm	
		grid E-1 Duct - Inner	9.050		0.300	1	2.715	Sqm	
		grid E-2 Duct - Outer	7.325		0.300	1	2.198	Sqm	
		grid E-2 Duct - Inner	6.725		0.300	1	2.018	Sqm	
		grid E-3 Duct -Outer	7.325		0.300	1	2.198	Sqm	
		grid E-3 Duct -Inner	6.725		0.300	1	2.018	Sqm	
		grid E-4 Duct -Outer	8.400		0.300	1	2.520	Sqm	
		grid E-4 Duct -Inner	7.800		0.300	1	2.340	Sqm	
		grid E-5 Duct -Outer	7.900		0.300	1	2.370	Sqm	
		grid E-5 Duct -Inner	7.300		0.300	1	2.190	Sqm	
		grid E-6 Duct -Outer	7.900		0.300	1	2.370	Sqm	
		grid E-6 Duct -Inner	7.300		0.300	1	2.190	Sqm	
		grid E-7 Duct -Outer	9.900		0.300	1	2.970	Sqm	
		grid E-7 Duct -Inner	9.000		0.300	1	2.700	Sqm	
		grid D-7 Duct -Outer	4.200		0.300	1	1.260	Sqm	
		grid D-7 Duct - Inner	3.600		0.300	1	1.080	Sqm	
		grid C-1 Duct -Outer	5.750		0.300	1	1.725	Sqm	
		grid C-1 Duct -Inner	5.150		0.300	1	1.545	Sqm	

Total Qty in Sqm 73.170 Sqm

For M/s. SIMHAA CONSTRUCTIONS


 (KAN RAJU)
 Managing Partner

Name of Agency : M/s SIMHAA CONSTRUCTIONS

Project: AMTZ Medpolis Square 4554 Pvt.Ltd.

Work: RCC works for floor beams and tie beams in level 03 of AMTZ 4554

RAR No: 77

FLOOR BEAM RCC WORKS

MEASUREMENT SHEET

Sl.no.	Item Head	Item Description	L	W	D	Nos	Qty	UOM	Remarks
Level 04 (4rth Floor) Floor Beam [150x150 mm]									
1	Shuttering	FB in between grid A1 to A2	4.15		0.15	2	1.25	Sqm	
		FB in between grid A3 to A4	4.40		0.15	2	1.32	Sqm	
		FB in between grid A4 to A5	4.40		0.15	2	1.32	Sqm	
		FB in between grid A5 to A6	4.40		0.15	2	1.32	Sqm	
		FB in between grid A6 to A7	4.40		0.15	2	1.32	Sqm	
		FB in between grid E1 to E2	4.40		0.15	2	1.32	Sqm	
		FB in between grid E2 to E3	3.30		0.15	2	0.99	Sqm	
		FB in between grid E3 to E4	4.40		0.15	2	1.32	Sqm	
		FB in between grid E4 to E5	4.40		0.15	2	1.32	Sqm	
		FB in between grid E5 to E6	4.40		0.15	2	1.32	Sqm	
		FB in between grid E6 to E7	4.40		0.15	2	1.32	Sqm	
		FB in between grid 7 - A to B	7.28		0.15	2	2.18	Sqm	
		FB in between grid 7 - B to C	7.83		0.15	2	2.35	Sqm	
		FB in between grid 7 - C to D	6.45		0.15	2	1.94	Sqm	
		FB in between grid 7 - D to E	6.55		0.15	2	1.97	Sqm	

Total Qty in Sqm 22.55

2	RCC M35	FB in between grid A1 to A2	4.15	0.15	0.15	1	0.09	Cum	
		FB in between grid A3 to A4	4.40	0.15	0.15	1	0.10	Cum	
		FB in between grid A4 to A5	4.40	0.15	0.15	1	0.10	Cum	
		FB in between grid A5 to A6	4.40	0.15	0.15	1	0.10	Cum	
		FB in between grid A6 to A7	4.40	0.15	0.15	1	0.10	Cum	
		FB in between grid E1 to E2	4.40	0.15	0.15	1	0.10	Cum	
		FB in between grid E2 to E3	3.30	0.15	0.15	1	0.07	Cum	
		FB in between grid E3 to E4	4.40	0.15	0.15	1	0.10	Cum	
		FB in between grid E4 to E5	4.40	0.15	0.15	1	0.10	Cum	
		FB in between grid E5 to E6	4.40	0.15	0.15	1	0.10	Cum	
		FB in between grid E6 to E7	4.40	0.15	0.15	1	0.10	Cum	
		FB in between grid 7 - A to B	7.28	0.15	0.15	1	0.16	Cum	
		FB in between grid 7 - B to C	7.83	0.15	0.15	1	0.18	Cum	
		FB in between grid 7 - C to D	6.45	0.15	0.15	1	0.15	Cum	
		FB in between grid 7 - D to E	6.55	0.15	0.15	1	0.15	Cum	

Total Qty in Cum 1.69

3	Lock Set - Anchoring Works = 8mm rebars	Locations	Length	Spacing (M)	No. of Anchoring s	No. of Sides	Total No's		
		FB in between grid A1 to A2	4.15	0.30	15.00	2	30.00	No's	
		FB in between grid A3 to A4	4.40	0.30	15.00	2	30.00	No's	
		FB in between grid A4 to A5	4.40	0.30	15.00	2	30.00	No's	
		FB in between grid A5 to A6	4.40	0.30	15.00	2	30.00	No's	
		FB in between grid A6 to A7	4.40	0.30	15.00	2	30.00	No's	
		FB in between grid E1 to E2	4.40	0.30	15.00	2	30.00	No's	
		FB in between grid E2 to E3	3.30	0.30	12.00	2	24.00	No's	
		FB in between grid E3 to E4	4.40	0.30	15.00	2	30.00	No's	
		FB in between grid E4 to E5	4.40	0.30	15.00	2	30.00	No's	
		FB in between grid E5 to E6	4.40	0.30	15.00	2	30.00	No's	
		FB in between grid E6 to E7	4.40	0.30	15.00	2	30.00	No's	
		FB in between grid 7 - A to B	7.28	0.30	25.00	2	50.00	No's	
		FB in between grid 7 - B to C	7.83	0.30	27.00	2	54.00	No's	
		FB in between grid 7 - C to D	6.45	0.30	22.00	2	44.00	No's	
		FB in between grid 7 - D to E	6.55	0.30	23.00	2	46.00	No's	

Total Qty in No's 518.00

For M/s. SIMHAA CONSTRUCTIONS


 (KAN RAJU)
 Managing Partner

Name of Agency : M/s SIMHAA CONSTRUCTIONS

Project: AMTZ Medpolis Square 4554 Pvt.Ltd.

Work: RCC works for floor beams and tie beams in level 03 of AMTZ 4554

RAR No: 77

Out Side Duct Addl Beams

MEASUREMENT SHEET

Sl No	Sub Head	Item Description	L	W	D	Nos	Qty	UOM	Remarks
Level 04 (Slab 06) Rcc Addl.Beams (Secondary Beams Works at Ducts)									
1	RCC M35								
	Slab 06	at grid A1 Duct	1.000	0.300	0.925	1	0.278	Cum	
	Slab 06	at grid E1 Duct	1.000	0.300	0.925	1	0.278	Cum	
	Slab 06	at grid A7 Duct	1.000	0.300	0.925	1	0.278	Cum	
	Slab 06	at grid A7 Duct	1.000	0.300	0.925	1	0.278	Cum	
	Slab 06	at grid E7 Duct	1.000	0.300	0.925	1	0.278	Cum	
Total Qty in Cum							1.11		
2	Form Work								
	Slab 06	at grid A1 Duct	1.000	0.300	0.925	1	2.150	Sqm	
	Slab 06	at grid E1 Duct	1.000	0.300	0.925	1	2.150	Sqm	
	Slab 06	at grid A7 Duct	1.000	0.300	0.925	1	2.150	Sqm	
	Slab 06	at grid E7 Duct	1.000	0.300	0.925	1	2.150	Sqm	
Total Qty in Sqm							8.60		

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RA 77 - 4rth Floor- Duct Outer Tie Beams at 3.0m Lvl

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend Devp Length	Cover	Overlap	Bar Shape	Bend Deductions			Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)						
	L (mm)	B (mm)	H (mm)								45°	90°	135°		No. of Bars	No. of Members Nos.	8		10	12	16	20	25	32	
Grid A-01 : Duct Tie Beam (and N-01 : 0.000) Main Beam	300	150	300	Top Main	12 mm			25		200 $\overbrace{\text{ } }^{550}$ 200 2 90 bends 780 $\overbrace{\text{ } }^{0}$ 0 90 bends 550 $\overbrace{\text{ } }^{200}$ 2 90 bends 940 $\overbrace{\text{ } }^{0}$ 0 90 bends 96 $\overbrace{\text{ } }^{250}$ 100	12	24	36	48	0.902	3	1	3	2.706		2.706				
				Dowel bars - T&B	12 mm			780	12	24	36	48	0.780	3	1	3	2.340		2.340						
				Bot. Main	15 mm				16	32	48	64	0.880	3	1	3	2.658		2.658						
				Dowel bars - T&B	15 mm			940	16	32	48	64	0.940	3	1	3	2.820		2.820						
				Stirrups	8 mm	100 mm c/c	25		96 $\overbrace{\text{ } }^{250}$ 100	8	16	24	32	0.796	4	1	4	3.184		3.184					
Grid A-02 : and N-02 : 0.000 Main Beam	300	150	300	Top Main	12 mm			25		200 $\overbrace{\text{ } }^{550}$ 200 2 90 bends 780 $\overbrace{\text{ } }^{0}$ 0 90 bends 550 $\overbrace{\text{ } }^{200}$ 2 90 bends 940 $\overbrace{\text{ } }^{0}$ 0 90 bends 96 $\overbrace{\text{ } }^{250}$ 100	12	24	36	48	0.902	3	1	3	2.706		2.706				
				Dowel bars - T&B	12 mm			780	12	24	36	48	0.780	3	1	3	2.340		2.340						
				Bot. Main	15 mm				16	32	48	64	0.880	3	1	3	2.658		2.658						
				Dowel bars - T&B	15 mm			940	16	32	48	64	0.940	3	1	3	2.820		2.820						
				Stirrups	8 mm	100 mm c/c	25		96 $\overbrace{\text{ } }^{250}$ 100	8	16	24	32	0.796	4	1	4	3.184		3.184					
Grid A-01 : 2.00 Main Beam	2100	150	300	Top Main	12 mm			35		200 $\overbrace{\text{ } }^{550}$ 200 2 90 bends 780 $\overbrace{\text{ } }^{0}$ 0 90 bends 550 $\overbrace{\text{ } }^{200}$ 2 90 bends 940 $\overbrace{\text{ } }^{0}$ 0 90 bends 96 $\overbrace{\text{ } }^{250}$ 100	12	24	36	48	2.402	3	1	3	7.206		7.206				
				Dowel bars - T&B	12 mm			780	12	24	36	48	0.780	3	1	3	2.340		2.340						
				Bot. Main	15 mm				16	32	48	64	2.350	3	1	3	7.058		7.058						
				Dowel bars - T&B	15 mm			940	16	32	48	64	0.940	3	1	3	2.820		2.820						
				Stirrups	8 mm	100 mm c/c	35		96 $\overbrace{\text{ } }^{250}$ 100	8	16	24	32	0.796	4	1	4	3.184		3.184					

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Member	Size		Bar Detail	Dia	Spacing @ Bar	Bend/ Devp Length	Cover	Overlap	Bar Shape	Bend Deductions			Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)																		
	L (mm)	B (mm)								H (mm)	Particulars & Pacing of Bar	45°		90°	135°	180°		No. of Bars	No. of Members	Total Nos.	m	8	10	12	16	20	25	32								
					mm	mm	mm																													
150	300	180		8 mm	100 mm c/c		25		96 	8	16	24	32	19	1	19	15.424	15	124																	
Grid A-01 : 120 Along Beam	1200	150		12 mm			25		200  2 90 bends 780 0 90 bends 0 90 bends 1150 200 2 90 bends 920 0 90 bends 0 90 bends 96 250	12	24	36	48	3	1	3	4.506	3	1	3	4.506	4.206														
				12 mm				780	12	24	36	48	3	1	3	2.310	3	1	3	2.310	2.310															
				16 mm				920	16	32	48	64	3	1	3	4.458	3	1	3	4.458	4.458															
				16 mm						16	32	48	64	3	1	3	2.820	3	1	3	2.820	2.820														
	300	480		8 mm	100 mm c/c		25		96 	8	16	24	32	19	1	19	7.960	10	1	10	7.960	7.960														
Grid A-02 : Duct Tie Beam Grid A-02 - 4.425 M long Ducting	4025	450		12 mm			25		4875  2 90 bends 0 90 bends 0 90 bends 4875 200 2 90 bends 0 90 bends 0 90 bends 96 250	12	24	36	48	3	1	3	15.681	3	1	3	15.681	15.681														
				12 mm				0	12	24	36	48	3	1	3	0.000	3	1	3	0.000	0.000															
				16 mm						16	32	48	64	3	1	3	15.633	3	1	3	15.633	15.633														
				16 mm					0	16	32	48	64	3	1	3	0.000	3	1	3	0.000	0.000														
	300	480		8 mm	100 mm c/c		25		96 	8	16	24	32	47	1	47	37.417	47	1	47	37.417	37.417														
Grid A-02 : 120 Along Beam c/c ducts	1200	150		12 mm			25		1150  2 90 bends 780 0 90 bends 0 90 bends 1150 200 2 90 bends 920 0 90 bends 0 90 bends 96 250	12	24	36	48	3	2	6	9.012	3	2	6	9.012	9.012														
				12 mm				780	12	24	36	48	3	2	6	4.680	3	2	6	4.680	4.680															
				16 mm						16	32	48	64	3	2	6	8.916	3	2	6	8.916	8.916														
				16 mm					920	16	32	48	64	3	2	6	5.640	3	2	6	5.640	5.640														

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Member	Size			Bar Detail	Dia	Spacing of Bar	Bend/ Devp Length	Cover	Overlap	Bar Shape	Bend Deductions			Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)									
	L (mm)	B (mm)	H (mm)								45°	90°	135°		180°	No. of Bars	No. of Members		Total Nos.	8	10	12	16	20	25	32		
150	300	900	100 mm c/c	Bars - T&B Straps	8 mm	100 mm c/c	25			0 0 90 bends 90 250 100	8 16 24 32	0.796	10	2	20	15.920												
Grid A-03 : Duct Tie Beam 4025 x 150 4025 x 150 4025 x 150 Beam	4025	150	500	Top Main	12 mm		25			4875 200 2 90 bends 0 0 0 0 90 bends 4875 200 2 90 bends 0 0 0 0 90 bends 90 250 100	12 24 36 48	3.227	3	1	3	15.681			15.681									
				Dowel bars - T&B	12 mm			0		12 24 36 48	24 36 48	0.000	3	1	3	0.000			0.000									
				Bot. Main	16 mm					16 32 48 64	32 48 64	5.211	3	1	3	15.633				15.633								
				Dowel bars - T&B	16 mm			0		16 32 48 64	32 48 64	0.000	3	1	3	0.000				0.000								
	300	4025	100 mm c/c	Straps	8 mm	100 mm c/c	25			8 16 24 32	16 24 36 48	6.746	17	1	47	17.412												
Grid A-03 : Duct Tie Beam 4025 x 150 4025 x 150 4025 x 150 Beam	4025	150	500	Top Main	12 mm		25			1150 200 2 90 bends 780 0 0 0 90 bends 1150 200 2 90 bends 0 0 0 0 90 bends 90 250 100	12 24 36 48	1.502	5	2	6	9.012			9.012									
				Dowel bars - T&B	12 mm			780		12 24 36 48	24 36 48	0.780	5	2	6	4.680			4.680									
				Bot. Main	16 mm					16 32 48 64	32 48 64	1.486	5	2	6	8.916				8.916								
				Dowel bars - T&B	16 mm			940		16 32 48 64	32 48 64	0.640	5	2	6	5.640				5.640								
	300	4025	100 mm c/c	Straps	8 mm	100 mm c/c	25			8 16 24 32	16 24 36 48	0.796	10	2	20	15.920												
Grid A-04 : Duct Tie Beam 4025 x 150 4025 x 150 4025 x 150 Beam	4025	150	500	Top Main	12 mm		25			5050 200 2 90 bends 0 0 0 90 bends 5050 200 2 90 bends 90 250 100	12 24 36 48	6.507	5	1	3	18.085			18.086									
				Dowel bars - T&B	12 mm			0		12 24 36 48	24 36 48	0.000	3	1	3	0.000			0.000									
				Bot. Main	16 mm					16 32 48 64	32 48 64	6.286	3	1	3	18.858				18.858								

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Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Deep Length	Cover	Overlap	Bar Shape	Bend Deductions			Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)							
	I (mm)	B (mm)	H (mm)								45°	90°	135°		180°	No. of Bars	No. of Members		Total Nos.	n	8	10	12	16	20	25
30	300	570	100 mm c/c	Dowel bars - T&B Stirrups	16 mm	100 mm c/c		25	0	200 2 90 bends 0 0 90 bends 96 250	10	32	48	64	0.000	2	1	3	0.000				0.000			
											8	16	24	32	0.796	58	1	58	46.168	46.168						
Grid A-04 : 200 Main Beam - 2 nos	1200	750	300	Top Main	12 mm			25	780	200 2 90 bends 780 0 0 90 bends 1150 200 2 90 bends 940 0 0 90 bends 96 250	12	24	36	48	1.502	3	2	6	9.012				0.012			
											12	24	36	48	0.780	3	1	6	4.680	4.680						
150	300	600	100 mm c/c	Dowel bars - T&B Stirrups	16 mm	100 mm c/c		25	940	200 2 90 bends 940 0 0 90 bends 96 250	10	32	48	64	0.040	3	2	6	5.040				8.916			
											8	16	24	32	0.796	10	2	20	15.920	15.920						
Grid A-05 : Duct Tie Beam Grid A-05 : 2.5m Main Beam	550	450	300	Top Main	12 mm			25	0	300 2 90 bends 0 0 90 bends 2450 200 2 90 bends 0 0 90 bends 96 250	12	24	36	48	5.802	3	1	3	17.406				17.406			
											12	24	36	48	0.000	3	1	3	0.000	0.000						
150	300	520	100 mm c/c	Dowel bars - T&B Stirrups	16 mm	100 mm c/c		25	0	200 2 90 bends 0 0 90 bends 96 250	10	32	48	64	5.788	3	1	3	17.358				17.358			
											10	32	48	64	0.000	3	1	3	0.000	0.000						
150	300	520	100 mm c/c	Dowel bars - T&B Stirrups	8 mm	100 mm c/c		25	780	200 2 90 bends 780 0 0 90 bends 96 250	8	16	24	32	0.796	63	1	63	42.188				42.188			
											12	24	36	48	1.502	3	2	6	9.012	9.012						
Grid A-02 : 200 Main Beam - 2 nos	1200	750	300	Top Main	12 mm			25	780	200 2 90 bends 780 0 0 90 bends 96 250	12	24	36	48	0.780	3	2	6	3.680				4.680			
											12	24	36	48	0.780	3	2	6	3.680	3.680						

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Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover (Overlap)		Bar Shape	Bend Deductions				Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)									
	L (mm)	B (mm)	H (mm)					Particular Placing of Bar	mm		mm	45°	90°	135°		180°	mm	No. of Bars		No. of Members	Total Nus.	m	8	10	12	16	20	25	32
129	500	800	100 mm c/c	T&B Bar Main	12 mm					0 90 bends 1150 200 2 90 bends 900 0 0 90 bends 0 90 bends 96 250 100	16	32	48	64	1.180	2	8	2	0	8.916	8.916								
				Dowel bars - T&B	16 mm				16	32	48	64	0.940	3	8	2	0	5.640	5.640										
				Straps	8 mm				8	16	24	32	0.706	10	8	2	20	15.920	15.920										
Grid A-06 : Duct Tie Beam Grid A-06 : S-20 Along Beam	500	520	100 mm c/c	Top Main	12 mm			25		5450 200 2 90 bends 0 0 0 90 bends 5450 200 2 90 bends 0 0 0 90 bends 96 250 100	12	24	36	48	5.802	3	8	1	0	3	17.406	17.406	17.406						
				Dowel bars - T&B Bar Main	12 mm				12	24	36	48	0.900	3	8	1	0	9.000	9.000										
					16 mm				16	32	48	64	5.786	3	8	1	0	17.358	17.358	17.358									
				Dowel bars - T&B Straps	8 mm			25	16	32	48	64	0.080	3	8	1	0	9.080	9.080										
Grid A-06 : S-20 Along Beam	500	520	100 mm c/c	Top Main	12 mm			25		1150 200 2 90 bends 780 0 0 90 bends 1150 200 2 90 bends 0 0 0 90 bends 96 250 100	12	24	36	48	1.502	3	8	2	0	6	9.012	9.012	9.012						
				Dowel bars - T&B	12 mm				12	24	36	48	0.780	3	8	2	0	4.680	4.680										
				Straps	8 mm				16	32	48	64	1.486	3	8	2	0	8.916	8.916	8.916									
Grid A-07 : Duct Tie Beam Grid A-07 : S-20 Along Beam	500	600	100 mm c/c	Top Main	12 mm			25		250 200 2 90 bends 250 0 0 90 bends 250 200 2 90 bends 0 0 0 90 bends 96 250 100	12	24	36	48	0.940	3	8	1	0	3	2.799	2.799	2.799						
					mm				12	24	36	48	0.940	3	8	1	0	2.799	2.799	2.799									
					mm				12	24	36	48	0.940	3	8	1	0	2.799	2.799	2.799									
					mm				12	24	36	48	0.940	3	8	1	0	2.799	2.799	2.799									

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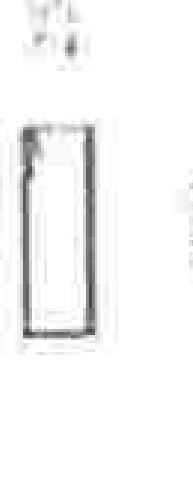
Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Dev Length	Cover	Overlaps	Bar Shape	Bend Deductions			Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)												
	L (mm)	B (mm)	H (mm)								45°	90°	135°		180°		No. of Bars		No. of Members	Total Nos.	m	8	10	12	16	20	25	32			
150	300	500	100 mm c/c	Downel bars - L&B	12 mm				780	2 90° bends 780	12	24	36	48	0.780	3	1	3	2.340			2.340									
				Downel bars - L&B	16 mm				0.40	2 90° bends 550	16	32	48	64	0.886	3	1	3	2.658			2.658									
				Downel bars - L&B	16 mm					2 90° bends 640	16	32	48	64	0.940	3	1	3	2.820			2.820									
				Stirrups	8 mm	100 mm c/c	25			90° 250	8	16	24	32	0.796	4	1	4	5.184		3.184										
300	6000	1250	500	Top Main	12 mm		25			505.0	12	24	36	48	0.502	3	1	3	18.066			18.066									
				Downel bars - L&B	12 mm				0	2 90° bends 0	12	24	36	48	0.000	3	1	3	0.000			0.000									
				Downel bars - L&B	16 mm					505.0	16	32	48	64	0.386	3	1	3	18.858			18.858									
				Stirrups	8 mm	100 mm c/c	25			90° 250	16	32	48	64	0.000	3	1	3	0.000			0.000									
300	5700	1000 mm c/c		Downel bars - L&B	16 mm				0	0 90° bends 0	16	32	48	64	0.796	58	1	58	46.168		46.168										
				Downel bars - L&B	16 mm					0 90° bends 0	16	32	48	64	0.000	3	1	3	0.000			0.000									
				Downel bars - L&B	16 mm					0 90° bends 0	16	32	48	64	0.000	3	1	3	0.000			0.000									
				Stirrups	8 mm	100 mm c/c	25			90° 250	8	16	24	32	0.796	58	1	58	46.168		46.168										
300	2150	1250	500	Top Main	12 mm		25			2100	12	24	36	48	2.453	3	1	3	7.356			7.356									
				Downel bars - L&B	12 mm				780	2 90° bends 780	12	24	36	48	0.780	3	1	3	2.340			2.340									
				Downel bars - L&B	16 mm					2100	16	32	48	64	2.456	3	1	3	7.368			7.368									
				Stirrups	8 mm	100 mm c/c	25			90° 250	16	32	48	64	0.000	3	1	3	0.000			0.000									
300	1850	1000 mm c/c		Downel bars - L&B	16 mm				0.40	0 90° bends 0	16	32	48	64	0.000	3	1	3	0.000			0.000									
				Downel bars - L&B	16 mm					0 90° bends 0	16	32	48	64	0.000	3	1	3	0.000			0.000									
				Downel bars - L&B	16 mm					0 90° bends 0	16	32	48	64	0.000	3	1	3	0.000			0.000									
				Stirrups	8 mm	100 mm c/c	25			90° 250	8	16	24	32	0.796	20	1	20	15.920		15.920										
Grand Total	12000	1250	500	Top Main	12 mm		25			1170	12	24	36	48	1.502	3	1	3	4.506			4.506									

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Member	Size			Bar Detail	Dia	Spacing Of Bar	Rein. Depth Length	Cover	Overlap	Bar Shape	Bend Deductions				Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)					
	L (mm)	B (mm)	H (mm)								45°	90°	135°	180°		No. of Bars	No. of Members	Total Nos.		m	8	10	12	16	20
				Particular of Bar	mm	mm	mm																		
120 Nosing Beam	500	900	100 mm c/c	Dowel bars - 1XB Bar Main	12 mm			750	200 	12	24	36	48	0.780	3	1	3	2.340			2.340				
				Dowel bars - 1XB Bar Main	10 mm			940	200 	16	32	48	64	1.480	3	1	3	4.458				4.458			
				Dowel bars - 1XB Stirrups	10 mm				0 90 bends 640	16	32	48	64	0.940	3	1	3	2.820				2.820			
					8 mm	100 mm c/c		25	96 	8	16	24	32	0.796	10	1	10	7.960							
150 Grid L-01 : Duct 1 to Beam Along Beam	500	150	100 mm c/c	Top Main	12 mm			25	200 	12	24	36	48	0.902	3	1	3	2.706			2.706				
				Dowel bars - 1XB Bar Main	12 mm			750	0 90 bends 780	12	24	36	48	0.780	3	1	3	2.340			2.340				
				Dowel bars - 1XB Stirrups	10 mm			940	0 90 bends 550	16	32	48	64	0.886	3	1	3	2.658				2.658			
					8 mm	100 mm c/c		25	200 	16	32	48	64	0.940	3	1	3	2.820				2.820			
150 Grid L-01 : Duct 1 to Beam Along Beam	500	150	100 mm c/c	Top Main	12 mm			25	200 	12	24	36	48	0.936	3	1	3	2.808			2.808				
				Dowel bars - 1XB Bar Main	12 mm			750	0 90 bends 780	12	24	36	48	0.780	3	1	3	2.340			2.340				
				Dowel bars - 1XB Stirrups	10 mm			940	0 90 bends 550	16	32	48	64	0.886	3	1	3	2.658				2.658			
					8 mm	100 mm c/c		25	200 	16	32	48	64	0.940	3	1	3	2.820				2.820			
150 Grid L-01 : Duct 1 to Beam Along Beam	500	150	100 mm c/c	Top Main	12 mm			25	200 	12	24	36	48	0.936	3	1	3	2.808			2.808				
				Dowel bars - 1XB Bar Main	12 mm			750	0 90 bends 780	12	24	36	48	0.780	3	1	3	2.340			2.340				
				Dowel bars - 1XB Stirrups	10 mm			940	0 90 bends 550	16	32	48	64	0.886	3	1	3	2.658				2.658			
					8 mm	100 mm c/c		25	200 	16	32	48	64	0.940	3	1	3	2.820				2.820			

For M/s. SIMHAA CONSTRUCTIONS



K. R. RAJU

Managing Partner

Member	Size		Bar Detail (Placing of Bar)	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions			Cutting Length (m)	No. of Bars			Total Length m	Total Length with Dia. (m)							
	L (mm)	B (mm)								45°	90°	135°		180°	No. of Bars	No. of Members Nos.		Total Nos.	8	10	12	16	20	25	32
Grid E-01 : 2 To Main Beam	2100	150	Top Main	12 mm			25		100	12 24 36 48 200 180 bends 780 0 0 90 bends 940 250	12 24 36 48	2.162	3	1	3	7.206									
			Dowel bars - T&B	12 mm				780	200 180 bends 780 0 0 90 bends 940 250	12 24 36 48	0.780	3	1	3	2.340										
			Bot Main	16 mm					200 180 bends 940 250	16 32 48 64	2.386	3	1	3	7.158				2.158						
			Dowel bars - T&B	16 mm				940	200 180 bends 940 0 0 90 bends 96 250	16 32 48 64	0.940	3	1	3	2.820				2.820						
	300	1800	Stirrups	8 mm	100 mm c/c		25				8 16 24 32	0.796	19	1	19	15.124									
Grid E-03 : 1 To Main Beam	1200	150	Top Main	12 mm			25		100	12 24 36 48 200 180 bends 780 0 0 90 bends 1486 200	12 24 36 48	1.302	3	1	3	4.506									
			Dowel bars - T&B	12 mm				780	200 180 bends 780 0 0 90 bends 1486 200	12 24 36 48	0.780	3	1	3	2.340										
			Bot Main	16 mm					200 180 bends 940 250	16 32 48 64	1.486	3	1	3	4.458				4.458						
			Dowel bars - T&B	16 mm				940	200 180 bends 940 0 0 90 bends 96 250	16 32 48 64	0.940	3	1	3	2.820				2.820						
	300	900	Stirrups	8 mm	100 mm c/c		25				8 16 24 32	0.796	10	1	10	7.960									
Grid E-02 : Duct Tie Beam 400(E-02) - 400(E-02) Beam	4925	150	Top Main	12 mm			25		100	12 24 36 48 200 180 bends 0 0 0 90 bends 4875 200	12 24 36 48	5.327	3	1	3	15.681									
			Dowel bars - T&B	12 mm				0	200 180 bends 0 0 0 90 bends 4875 200	12 24 36 48	0.000	3	1	3	0.000										
			Bot Main	16 mm					200 180 bends 0 0 0 90 bends 4875 200	16 32 48 64	4.211	3	1	3	15.653				15.653						
			Dowel bars - T&B	16 mm				0	200 180 bends 0 0 0 90 bends 96 250	16 32 48 64	0.000	3	1	3	0.000				0.000						
	700	4625	Stirrups	8 mm	100 mm c/c		25				8 16 24 32	0.796	17	1	17	13.742									

For M/s. SIMHAA CONSTRUCTIONS



(KAN RAJU)

Managing Partner

Member	Size			Bar Detail	Dia	Spacing of Bar	Bend/ Devp Length	Cover	Overlap	Bar Shape	Bend Deductions			Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	L (mm)	B (mm)	H (mm)								45°	90°	135°		180°	No. of Bars	No. of Members		Total Nos.	m	8	10	12	16	20	25	32																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Grid E-02 : 02 - 120 Along Beam-02 nos								mm																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

For M/s. SIMHAA CONSTRUCTIONS



Managing Partner

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Dev Length	Cover	Overlap	Bar Shape	Bend Deductions				Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	L (mm)	B (mm)	H (mm)								45°	90°	135°	180°		No. of Bars	No. of Members	Total Nos.		m	8	10	12	16	20	25	32																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1st	300	900	100 mm c/c	T&B Stirrups	8 mm	100 mm c/c	25			0 or bends 90 150 100	8	16	24	32	0.766	10	2	20	15.920	45.920																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																</

For M/s. SIMHAA CONSTRUCTIONS



Managing Partner

Member	Size			Bar Detail	Dia. mm	Spacing Of Bar	Bend Dev. Length mm	Cover	Overlap	Bar Shape	Bend Deductions			Cutting Length (m)	No. of Bars			Total Length m	Total Length with Dia. (m)												
	L (mm)	B (mm)	H (mm)								45°	90°	135°		180°	No. of Bars	No. of Members Nos.		Total Nos.	8	10	12	16	20	25	32					
55A	300	5200	100 mm c/c	Developed Bars - T&B Stirrups	16 mm 8 mm	100 mm c/c		25	0	2 90 bends 0 0 bends 0 90 bends 0 0 bends 250	16 32 48	8 16 24 32	64	0.000	5	1	5	42.188				0.000									
Grid E-05 : 1.20 M Long Beam-42 nos	1200	150	300	Top Main	12 mm			25	780	200 200 200 200 2 90 bends 280 0 0 90 bends 0 90 bends 1.50 200 2 90 bends 0 0 bends 0 90 bends 0 0 bends 250	12 24 36 48	12 24 36 48	48	1.202	5	2	6	9.012			9.012										
150	500	900	100 mm c/c	Developed Bars - T&B Stirrups	12 mm 10 mm 8 mm	100 mm c/c		25	900	200 200 200 200 2 90 bends 280 0 0 90 bends 0 90 bends 1.50 200 2 90 bends 0 0 bends 0 90 bends 0 0 bends 250	16 32 48	16 32 48	64	0.930	5	2	6	8.906			4.980	8.916									
Grid E-06 : Duct Tie Beam Grid E-06 : 5.50 M Long Beam nos	1200	150	300	Top Main	12 mm			25	0	200 200 200 200 2 90 bends 280 0 0 90 bends 0 90 bends 1.50 200 2 90 bends 0 0 bends 0 90 bends 0 0 bends 250	12 24 36 48	12 24 36 48	48	5.802	5	1	5	17.406			17.406										
150	500	900	100 mm c/c	Developed Bars - T&B Stirrups	12 mm 10 mm 8 mm	100 mm c/c		25	0	200 200 200 200 2 90 bends 280 0 0 90 bends 0 90 bends 1.50 200 2 90 bends 0 0 bends 0 90 bends 0 0 bends 250	16 32 48	16 32 48	64	5.789	5	1	5	17.358			0.000	17.358									
55B	300	5200	100 mm c/c	Developed Bars - T&B Stirrups	16 mm 8 mm	100 mm c/c		25	0	2 90 bends 0 0 bends 0 90 bends 0 0 bends 250	16 32 48	8 16 24 32	64	0.000	5	1	5	42.188			42.188				0.000						
Grid E-06 : 1.20 M Long Beam-42 nos	1200	150	300	Top Main	12 mm			25	780	200 200 200 200 2 90 bends 280 0 0 90 bends 0 90 bends 1.50 200 2 90 bends 0 0 bends 0 90 bends 0 0 bends 250	12 24 36 48	12 24 36 48	48	1.202	5	2	6	9.012			9.012										
150	500	900	100 mm c/c	Developed Bars - T&B Stirrups	12 mm 10 mm 8 mm	100 mm c/c		25	780	200 200 200 200 2 90 bends 280 0 0 90 bends 0 90 bends 1.50 200 2 90 bends 0 0 bends 0 90 bends 0 0 bends 250	12 24 36 48	12 24 36 48	48	0.780	5	2	6	4.680			4.680										

FOR M/S. SIMHA CONSTRUCTIONS

For M/s. SIMHAA CONSTRUCTIONS



Managing Partner

[illegible]

For M/s. SIMHAA CONSTRUCTIONS

KRAN KATU
Managing Partner

[illegible]

For M/s. SMHA CONSTRUCTIONS


(KAN RAJU)
Managing Partner

Member	Size		Bar Detail	Bar Dia	Spacing Of Bar	Bend/Devel Length	Cover	Overlap	Bar Shape	Bend Deductions			Cutting Length (m)	No. of Bars			Total Length m	Total Length with Dia. (m)								
	L (mm)	B (mm)								H (mm)	45°	90°		135°	180°	No. of Bars		No. of Members	Total Nos.	8	10	12	16	20	25	32
150 Grid C-01 : Duct Tie Beam V 150 x 150 mm Beam	300	500	100 mm x c	12 mm	100 mm x c		25	780	2 90 bends 780 0 0 90 bends 550 200 2 90 bends 940 0 0 90 bends 90 250 100	12	24	36	48	3	3	6	4.580		4.680							
										16	32	48	64	3	3	6	5.316		5.316							
										16	32	48	64	3	3	6	5.640		5.640							
										8	16	24	32	4	4	8	6.568		6.568							
150 Grid C-01 : Duct Tie Beam V 150 x 150 mm Beam	300	500	100 mm x c	12 mm	100 mm x c		25	0	2 90 bends 780 0 0 90 bends 550 200 2 90 bends 940 0 0 90 bends 90 250 100	12	24	36	48	3	3	6	10.950		10.950							
										12	24	36	48	3	3	6	0.000		0.000							
										16	32	48	64	3	3	6	16.908		16.908		10.408					
										16	32	48	64	3	3	6	0.000		0.000		0.000					
150 Grid C-01 : Duct Tie Beam V 150 x 150 mm Beam	300	500	100 mm x c	8 mm	100 mm x c		25	0	2 90 bends 780 0 0 90 bends 550 200 2 90 bends 940 0 0 90 bends 90 250 100	12	24	36	48	3	3	6	25.472		25.472							
										8	16	24	32	12	12	24										
150 Grid C-01 : Duct Tie Beam V 150 x 150 mm Beam	150	500	100 mm x c	12 mm	100 mm x c		25	780	2 90 bends 780 0 0 90 bends 550 200 2 90 bends 940 0 0 90 bends 90 250 100	12	24	36	48	3	3	6	9.012		9.012							
										12	24	36	48	3	3	6	4.680		4.680							
										16	32	48	64	3	3	6	8.916		8.916							
										16	32	48	64	3	3	6	5.640		5.640							
150 Grid C-01 : Duct Tie Beam V 150 x 150 mm Beam	300	500	100 mm x c	8 mm	100 mm x c		25	0	2 90 bends 780 0 0 90 bends 550 200 2 90 bends 940 0 0 90 bends 90 250 100	12	24	36	48	3	3	6	15.920		15.920							
										8	16	24	32	10	10	20										

For M/s. SIMHAS CONSTRUCTIONS

For M/s. SIMHAA CONSTRUCTIONS


(MANOJ RAJU)
Managing Partner

Member	Size			Bar Detail	Dia	Spacing of Bar	Bend/Deep Length		Cover	Overlap	Bar Shape	Bend Deductions				Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)																																																				
	L (mm)	B (mm)	H (mm)				Particular Placing of Bar	mm				mm	45°	90°	135°		180°	No. of Bars	No. of Members		Total Nos.	m	8	10	12	16	20	25	32																																												
												Total Length													0.000							0.000																																									
												Unit Weight In (Kg)													0.395							0.617							0.888							1.579							2.467							3.855							6.316						
												Total Weight In (Kg)													368,500							0.000							0.000							456.167							833.479							0.000							0.000						
												Total Weight In (TON)													0.369							0.000							0.456							0.834							0.000							0.000													
												Total																											1.659 Tons																																		

For M/s. SIMHAA CONSTRUCTIONS


 (KAN RAJU)
 Managing Partner

RA 77 - 4th Floor- Floor Beams BBS

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Deep Length	Cover	Overlap	Bar Shape	Bend Deductions			Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)													
	L (mm)	B (mm)	H (mm)								45°	90°	135°		180°	(m)	No. of Bars		No. of Members	Total Nos.	m	8	10	12	16	20	25	32				
FB in between grid A1 to A2	4150	150	150	Top Main	8 mm			25		4.00 0 bends 4.00	8	16	24	32	4.068	1	1	1	4.068	4.068												
				Bot Main	8 mm					4.00 0 bends 4.00	8	16	24	32	4.068	1	1	1	4.068	4.068												
	150	4150	200 mm c/c	Stirrups	8 mm	200 mm c/c		25			96 2 90 bends 100	8	16	24	32	0.000	0	1	0	0.000	0.000											
FB in between grid A3 to A4	4350	150	150	Top Main	8 mm			25		4.50 0 bends 4.50	8	16	24	32	4.518	1	1	1	4.518	4.518												
				Bot Main	8 mm					4.50 0 bends 4.50	8	16	24	32	4.518	1	1	1	4.518	4.518												
	150	4350	200 mm c/c	Stirrups	8 mm	200 mm c/c		25			96 2 90 bends 100	8	16	24	32	0.000	0	1	0	0.000	0.000											
FB in between grid A4 to A5	4400	150	150	Top Main	8 mm			25		4.50 0 bends 4.50	8	16	24	32	4.518	1	1	1	4.518	4.518												
				Bot Main	8 mm					4.50 0 bends 4.50	8	16	24	32	4.518	1	1	1	4.518	4.518												
	150	4400	200 mm c/c	Stirrups	8 mm	200 mm c/c		25			96 2 90 bends 100	8	16	24	32	0.000	0	1	0	0.000	0.000											
FB in between grid A5 to A6	4400	150	150	Top Main	8 mm			25		4.50 0 bends 4.50	8	16	24	32	4.518	1	1	1	4.518	4.518												
				Bot Main	8 mm					4.50 0 bends 4.50	8	16	24	32	4.518	1	1	1	4.518	4.518												
	150	4400	200 mm c/c	Stirrups	8 mm	200 mm c/c		25			96 2 90 bends 100	8	16	24	32	0.000	0	1	0	0.000	0.000											
FB in between grid A6 to A7	4350	150	150	Top Main	8 mm			25		4.50 0 bends 4.50	8	16	24	32	4.518	1	1	1	4.518	4.518												
				Bot Main	8 mm					4.50 0 bends 4.50	8	16	24	32	4.518	1	1	1	4.518	4.518												
	150	4350	200 mm c/c	Stirrups	8 mm	200 mm c/c		25			96 2 90 bends 100	8	16	24	32	0.000	0	1	0	0.000	0.000											

For M/s. SIMHAA CONSTRUCTIONS


 (KAN RAJU)
 Managing Partner

Member	Size			Bar Detail	Dia. mm	Spacing Of Bar	Bend/ Devp Length		Cover Overlap mm	Bar Shape	Bend Deductions			Cutting Length (m)	No. of Bars			Total Length m	Total Length with Dia. (m)														
	L (mm)	B (mm)	H (mm)				Particular Placing of Bar	mm			mm	45°	90°		135°	180°	No. of Bars		No. of Members Nos.	Total Nos.	m	8	10	12	16	20	25	32					
150	150	4400	200 mm c/c	Stirrups	8 mm	200 mm c/c		25		2.90 bends 96	100	8	16	24	32	0.496	0	1	0	0.000	0.000												
FR in between grid E1 to E2	4400	150	150	Top Main	8 mm			25		4.50 2.90 bends 4.50	100	8	16	24	32	4.318	1	1	1	4.318	4.318												
				Bar Main	8 mm					6	100	1	8	16	24	32	4.318	1	1	1	4.318	4.318											
	150	150	4400	200 mm c/c	Stirrups	8 mm	200 mm c/c		25		2.90 bends 96	100	8	16	24	32	0.496	0	1	0	0.000	0.000											
FR in between grid E2 to E3	5300	150	150	Top Main	8 mm			25		4.50 2.90 bends 4.50	100	8	16	24	32	3.218	1	1	1	3.218	3.218												
				Bar Main	8 mm					6	100	1	8	16	24	32	3.218	1	1	1	3.218	3.218											
	150	150	5300	200 mm c/c	Stirrups	8 mm	200 mm c/c		25		2.90 bends 96	100	8	16	24	32	0.496	0	1	0	0.000	0.000											
FR in between grid E3 to E4	4400	150	150	Top Main	8 mm			25		4.50 2.90 bends 4.50	100	8	16	24	32	4.318	1	1	1	4.318	4.318												
				Bar Main	8 mm					6	100	1	8	16	24	32	4.318	1	1	1	4.318	4.318											
	150	150	4400	200 mm c/c	Stirrups	8 mm	200 mm c/c		25		2.90 bends 96	100	8	16	24	32	0.496	0	1	0	0.000	0.000											
FR in between grid E4 to E5	4400	150	150	Top Main	8 mm			25		4.50 2.90 bends 4.50	100	8	16	24	32	4.318	1	1	1	4.318	4.318												
				Bar Main	8 mm					6	100	1	8	16	24	32	4.318	1	1	1	4.318	4.318											
	150	150	4400	200 mm c/c	Stirrups	8 mm	200 mm c/c		25		2.90 bends 96	100	8	16	24	32	0.496	0	1	0	0.000	0.000											
FR in between grid E5 to E6	4400	150	150	Top Main	8 mm			25		4.50 2.90 bends 4.50	100	8	16	24	32	4.318	1	1	1	4.318	4.318												
				Bar Main	8 mm					6	100	1	8	16	24	32	4.318	1	1	1	4.318	4.318											
	150	150	4400	200 mm c/c	Stirrups	8 mm	200 mm c/c		25		2.90 bends 96	100	8	16	24	32	0.496	0	1	0	0.000	0.000											
FR in between grid E6 to E7	4400	150	150	Top Main	8 mm			25		4.50 2.90 bends 4.50	100	8	16	24	32	4.318	1	1	1	4.318	4.318												
				Bar Main	8 mm					6	100	1	8	16	24	32	4.318	1	1	1	4.318	4.318											
	150	150	4400	200 mm c/c	Stirrups	8 mm	200 mm c/c		25		2.90 bends 96	100	8	16	24	32	0.496	0	1	0	0.000	0.000											

For M/s. CIMBAA CONSTRUCTIONS

For M/s. SIMHAA CONSTRUCTIONS



KAN RAJU

Managing Partner

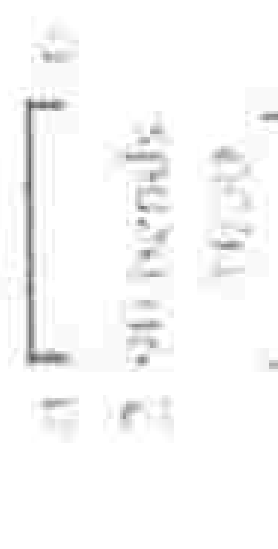
Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length		Bar Shape	Bend Deductions			Cutting Length	No. of Bars			Total Length m	Total Length with Dia. (m)																																																																																																																																																																																																																																																																																																																																																																																																																																						
	L (mm)	B (mm)	H (mm)				mm	mm		45° 90° 135° 180°	No. of Bars	No. of Members		Total Nos.	8	10		12	16	20	25	32																																																																																																																																																																																																																																																																																																																																																																																																																																		
150	150	1400	200 mm c/c	Stirrups	8 mm	200 mm c/c	25	25	4350 0 2 90 bends 96	100	8	16	24	32	4.318	1	1	1	4.318	4.318	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover Overlap	Bar Shape	Bend Deductions				Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)																	
	L (mm)	B (mm)	H (mm)							Particular Placing of Bar	mm	45°	90°		135°	180°	No. of Bars		No. of Members Nos.	m	8	10	12	16	20	25	32									
Grid 1 - D 6-1								mm	0 2 90 bends 0.540 0 2 90 bends 0.540 100		8	16	24	12	6.468	1	1	1	6.468	6.468																
150	150	6550	200 mm 2 c	Straps	8 mm	280 mm c/c		25			8	16	24	12	0.456	0	1	0	0.000	0.000																
Total Length																		147.860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000									
Unit Weight In (Kg)																		0.395	0.617	0.888	1.579	2.467	3.855	6.316												
Total Weight In (KG)																		58.405	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000									
Total Weight In (TON)																		0.058	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000									
Total																		0.058 Tons																		

For M/s. SIMHAA CONSTRUCTIONS


KAN RAJU
Managing Partner

RA 77 - Level 04 (Slab 06)- Addl.Beams at Duct- BBS

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover	Overlap	Bar Shape	Bend Deductions			Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)									
	L (mm)	B (mm)	H (mm)								Particular Placing of Bar	45°	90°		135°	180°	(m)		No. of Bars	No. of Members	Total Nos.	8	10	12	16	20	25	32
at grid A1 Duct	1000	300	420	Top Main	20mm			0			20	40	50	80	0.920	3	1	3	2.760					2.760				
300	250	1000	400mm x 2	Stirrups	10mm	100mm x 2		25			10	20	30	40	1.420	11	1	11	15.620					15.620				
at grid E1 Duct	1000	300	450	Top Main	20mm			0			20	40	60	80	0.920	3	1	3	2.760					2.760				
200	250	1000	400mm x 2	Stirrups	10mm	100mm x 2		25			10	20	30	40	1.420	11	1	11	15.620					15.620				
at grid A7 Duct 01 no's	1000	300	450	Top Main	20mm			0			20	40	60	80	0.920	3	1	3	2.760					2.760				
200	250	1000	400mm x 2	Stirrups	10mm	100mm x 2		25			10	20	40	40	1.420	11	1	11	15.620					15.620				
at grid E7 Duct 01 no's	1000	300	420	Top Main	20mm			0			20	40	50	80	0.920	3	1	3	2.760					2.760				
300	250	1000	400mm x 2	Stirrups	10mm	100mm x 2		25			10	20	30	40	1.420	11	1	11	15.620					15.620				
Total Length															62.480	0.000		0.000		22.080	0.000	0.000	0.000					
Unit Weight In (kg)															0.617	0.395		0.888		2.467	3.855	6.316						
Total Weight In (kg)															38.550	0.000		0.000		54.471	0.000	0.000						

For M/s. SIMHAA CONSTRUCTIONS



 Managing Partner

Member	Size		Bar Detail	Bar Dia	Spacing Of Bar	Bend/ Devp Length	Cover	Overlap	Bar Shape	Bend Deductions				Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)							
	I (mm)	B (mm)								H (mm)	Particular Placing of Bar	mm	mm		mm	mm	45°		90°	135°	180°	No. of Bars	No. of Members Nos.	Total Members Nos.	m	8
Total Weight in (TON)																	0.000	0.039	0.000	0.000	0.054	0.000	0.000			
Total																	0.093 Tons									

For M/s. SIMHAA CONSTRUCTIONS


KAN KAJU
Managing Partner