

Anx B – Work Completion Report

Company	AMTZ Medpolis Square 4554 Pvt Ltd	Name of contractor	Simhaa Constructions	Sl. No. site bills reg.	150			
Project/site	AMS4554	Nature of work	RCC work	Dt. site bills reg.	12-11-2025			
Block no.	AMS4554	Work done from date	12-09-2025	M-codex bill ID.				
WO no.	20251103021	Work done to date	21-09-2025	WO issued ?	Yes			
WO date	03-11-2025	Contractor bill no.	79	GST bill required?	Yes			
Sl. No.	Unit/floor no	Details of work		Qty	Units	Rate ID	Rate	Amount
1	AMS4554 / Level 02	CONST - RCC 6997 - Construction - Slab 5 - Bar bending - Ton (Labour charges for bar bending works)		1.81	Ton	RCC 211	10,129.00	18,333.49
2	AMS4554 / Level 02	CONST - RCC 1480 - Construction - Slab 5 - Concreting - Material - cum (Concrete material charges for the duct beams)		8.31	Cum	RCC 189	4,933.00	40,993.23
3	AMS4554 / Level 02	CONST - RCC 5473 - Construction - Slab 5 - Shuttering - Sqm (Labour charges for the shuttering works of tie beams)		104.32	Sqm	RCC 210	941.00	98,165.12
4	AMS4554 / Level 02	CONST - RCC 7529 - Construction - Slab 5 - Concreteing - Labour - cum (Labour charges for the concrete pouring works)		8.31	Cum	RCC 209	1,100.00	9,141.00
5	AMS4554 / Level 02	CONST - RCC 6054 - Construction - RCC - Lift charges - Slab - 05 cum (Lift charges for the concrete material)		8.31	Cum	RCC 135	444.00	3,689.64
6	AMS4554 / Level 02	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		110.46	71,357.16
							Add GST @	18%
							Total amount including taxes for work done	2,85,182
Remarks:								
Approved by			Approved by QS team			Approved by Director/E&D team		
Sign:			Sign:			Sign:		
Date: 12/11/2025			Date:			Date:		

Notes: 1. This sheet replaces installation report and advice for credit to contractors. 2. This work 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 e-verified. 5. For bill amount less than 10k any QS manager and directors approval is required. 6. For bill amount greater than 10k QS manager and directors approval is required. 7. Project Manager, Anand 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).

[illegible]

APPROVED BY
N. V. 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 02			Work start date:		12-09-2025					
Contractor:		Simhaa Constructions			Work end date:		21-09-2025					
Prepared By:		N. Leela Venkatesh			Date :		12-11-2025					
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/mt	Quantity	Units			
1	RCC Works	CONST - RCC 6997 - Construction - Slab 5 - Bar bending - Ton (Labour charges for bar bending works)	1.00	1.00	1.00	-	-	1.81	Ton			1.81
2	RCC Works	CONST - RCC 1480 - Construction - Slab 5 - Concreting - Material - cum (Concrete material charges for the duct beams)	1.00	1.00	1.00	-	-	8.31	Cum			8.31
3	RCC Works	CONST - RCC 5473 - Construction - Slab 5 - Shuttering - Sqm (Labour charges for the shuttering works of tie beams)	1.00	1.00	1.00	-	-	104.32	Sqm			104.32
4	RCC Works	CONST - RCC 7529 - Construction - Slab 5 - 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 6054 - Construction - RCC - Lift charges - Slab - 05 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

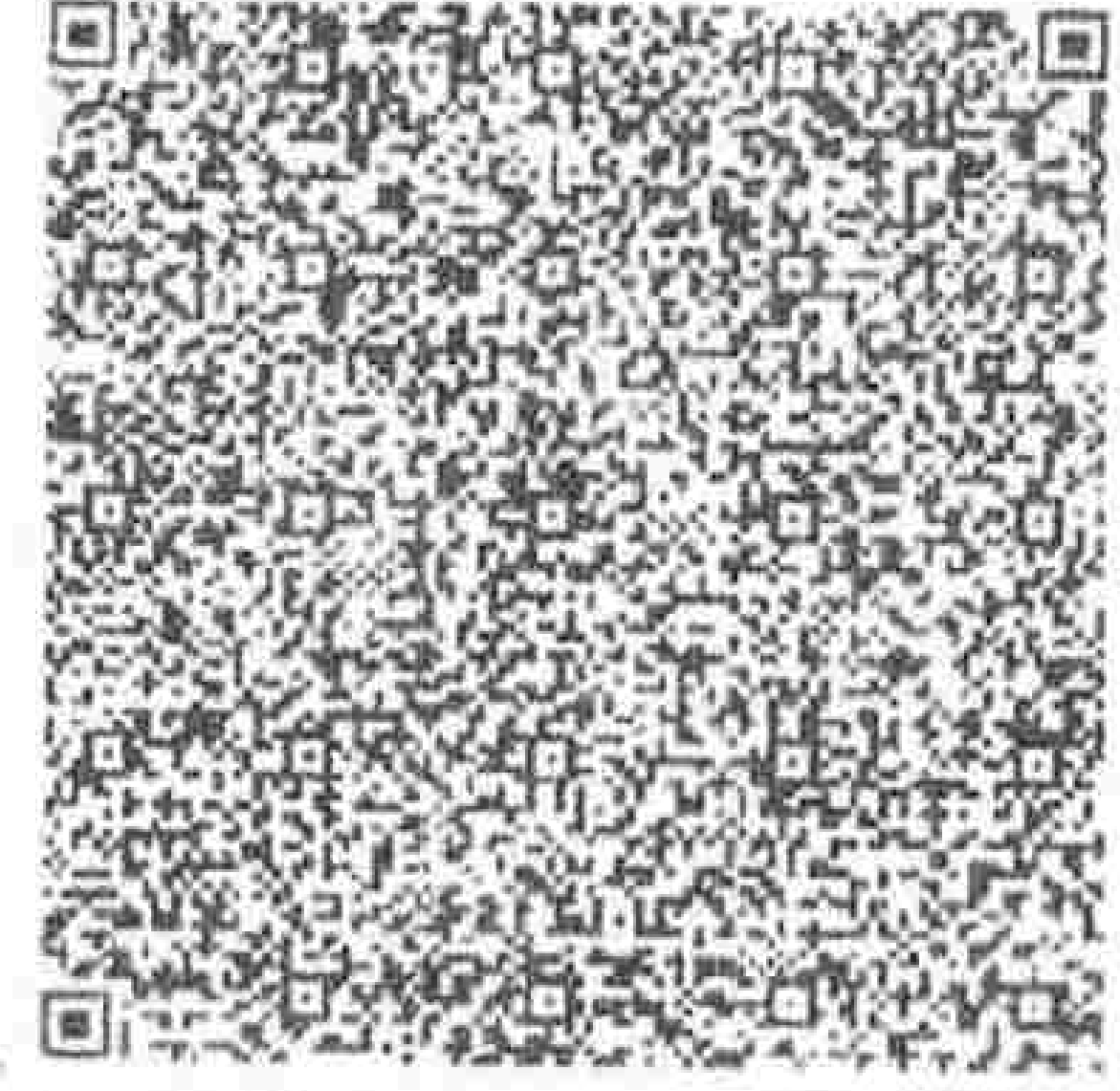
APPROVED BY

12 NOV 2025
LEELA VENKATESH.N.
Project Manager

Tax Invoice

e-Invoice

IRN 33f436b3dad2a8adabab5a1aed991aff75d7e2f138e68f-
f00759554c40f964a
Ack No 112527549130486
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

79

Delivery Note

Dated

7-Nov-25

Mode/Terms of Payment

Reference No & Date

SC/AMS/4554/RA 75 dt. 7-Nov-25

Buyer's Order No

20251103021

Dispatch Doc No.

Other References

Dated

3-Nov-25

Delivery Note Date

Dispatched through

Destination

Terms of Delivery

SI No	Particulars	HSN/SAC	Quantity	Rate	per	Amount
1	Contract Receipt (2025-26) RA 75 for Civil Contract for RCC Works for the project AMTZ Medpolis Square 4554, Visakhapatnam. RCC Works for Tie Beam and Floor Beams in Level 02 of AMTZ 4554	995415				2,41,679.64
	CGST - Output 9%			9 %		21,751.17
	SGST - Output 9%			9 %		21,751.17
Total						₹ 2,85,181.98

Amount Chargeable (in words)

INR Two Lakh Eighty Five Thousand One Hundred Eighty One and Ninety Eight paise Only

E & O.E

HSN/SAC	Taxable Value	CGST Rate	CGST Amount	SGST/UTGST Rate	SGST/UTGST Amount	Total Tax Amount
995415	2,41,679.64	9%	21,751.17	9%	21,751.17	43,502.34
Total			21,751.17		21,751.17	43,502.34

Tax Amount (in words) INR Forty Three Thousand Five Hundred Two and Thirty Four paise Only

for Simhaa Constructions (2025-26)

Remarks

RA 75 RCC Works for Tie Beam and Floor Beams in Level 02 of AMTZ 4554

For M/s. SIMHAA CONSTRUCTIONS

Authorised Signatory

This is a Computer Generated Invoice

(KAN RAJU)

Managing Partner

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

RA - 75

SIMHAA CONSTRUCTIONS
Visakhapatnam

SIMHAA CONSTRUCTIONS

RA 75

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 : 20251103021 on Dt: 03 Nov 2025

"RCC works for tie beam and floor beams in level 02 of AMTZ 4554"

Sl. NO	Item Name	Uom	P.O Qty	Rate	QUANTITY		Total	Amount	
					up to Previous	This Bill Qty		Total Value of Work	up to Previous
1	CONST - RCC 6997 - Construction - Slab 5 - Bar Bending - - Ton labour charges for the bar bending works. Read UOM as MT.	Ton	2	10129.00	-	1.810	1.810	18,333.49	-
2	CONST - RCC 1480 - Construction - Slab 5 - Concreting - Material - - cum Charges for concrete material (M35). Read UOM as Cum.	Cum	8	4933.00	-	8.310	8.310	40,993.23	-
3	CONST - RCC 5475 - Construction - Slab 5 - Shuttering - - sqm Charges for shuttering works for tie beams. Read UOM as Sqm.	Sqm	104	941.00	-	104.320	104.320	98,165.12	-
4	CONST - RCC 7529 - Construction - Slab 5 - Concreting - Labour - - cum Labour charges for concrete works. Read UOM as Cum.	Cum	8	1100.00	-	8.310	8.310	9,141.00	-
5	CONST - RCC 6054 - Construction - RCC - Lift Charges Slab - 05 - - cum Charges for the concrete material lifting works. Read UOM as Cum.	Cum	8	444.00	-	8.310	8.310	3,689.64	-
6	CONST - RCC 1257 - Construction - RCC - Steel Miscellaneous misc - Nos. Anchoring works of 8mm bars for floor beams. Read UOM as no's	No's	646	110.46	-	646.000	646.000	71,357.16	-
Total					Total			241679.64	241679.64

Total Value of present Bill 241679.64

Add GST @ 18% 43502.34

Total 285181.98**For M/s. SIMHAA CONSTRUCTIONS**

(Amount In Words : Two Lakhs Eighty Five Thousand One Hundredend Eighty One Rupees and Nine Eight Paise Only)



(KAN RAJU)
 Managing Partner

Name of Agency : M/s SIMHAA CONSTRUCTIONS

Project: AMTZ Medpolis Square 4554 Pvt.Ltd.

Work: RCC works for tie beam and floor beams in level 02 of AMTZ 4554

RAR No: 75

SUMMARY

SLNo	Item	Description	Uom	Qty	Sub Total
	Level 02 (2nd floor)				
	Lockset - Anchoring = #8mm Rebars				646.000
1	Lockset - Anchoring = #8mm Rebars	Anchoring @ Duct Masomy 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 tie beam and floor beams in level 02 of AMTZ 4554

RAR No: 75

Level 02 (2nd 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 Lvl							
		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 Lvl							
		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	

For M/s. SIMHAA CONSTRUCTIONS



(KANARAJU)

Managing Partner

Level 02 (2nd 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-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	
		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 tie beam and floor beams in level 02 of AMTZ 4554

RAR No: 75

FLOOR BEAM RCC WORKS

MEASUREMENT SHEET

Sl.no.	Item Head	Item Description	L	W	D	Nos	Qty	UOM	Remarks
1	Level 02 (2nd Floor) Shuttering	Floor Beam [150x150 mm]							
		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 Anchorin gs	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 46/3 SIMHAA CONSTRUCTION
 (KAN KAJU)
 Managing Partn.

Name of Agency : M/s SIMHAA CONSTRUCTIONS

Project: AMTZ Medpolis Square 4554 Pvt.Ltd.

Work: RCC works for tie beam and floor beams in level 02 of AMTZ 4554

RAR No: 75

Out Side Ducts Addl Beams

MEASUREMENT SHEET

Sl no	Sub Head	Item Description	L	W	D	Nos	Qty	UOM	Remarks
1	Level 02 (Slab 04) Rcc Works	Addl.Beams (Secondary Beams at Ducts)							
	RCC M35								
	Slab 04	at grid A1 Duct	1.000	0.300	0.925	1	0.278	Cum	
	Slab 04	at grid E1 Duct	1.000	0.300	0.925	1	0.278	Cum	
	Slab 04	at grid A7 Duct	1.000	0.300	0.925	1	0.278	Cum	
	Slab 04	at grid E7 Duct	1.000	0.300	0.925	1	0.278	Cum	

Total Qty in Cum 1.11

2 Form Work

	Slab 04	at grid A1 Duct -2 Sides+ Bottom	1.000	0.300	0.925	1	2.150	Sqm	
	Slab 04	at grid E1 Duct	1.000	0.300	0.925	1	2.150	Sqm	
	Slab 04	at grid A7 Duct	1.000	0.300	0.925	1	2.150	Sqm	
	Slab 04	at grid E7 Duct	1.000	0.300	0.925	1	2.150	Sqm	

Total Qty in Sqm 8.60

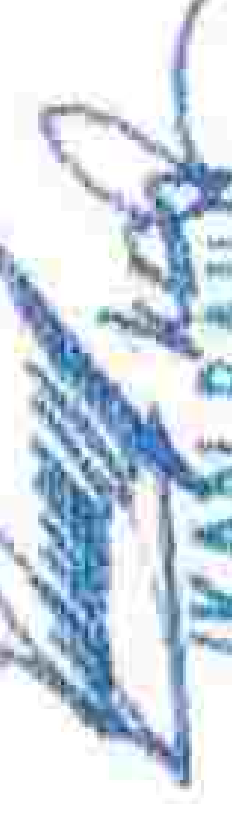
For M/s. SIMHAA CONSTRUCTIONS

(Signature)
(KAN RAJULU)
Managing Partner

75 - SF - 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°		180°	No. of Bars	No. of Members		Total Nos.	8	10	12	16	20	25
Grid A-01 : Duct Tie Beam 500 A x 01 - 0.60 At long Beam	2400	250	150 mm c/c	Top Main	12 mm			25			12	24	36	48	0.602	3	3	1	3	2.706					
				Dowel bars - T&B	12 mm			780		12	24	36	48	0.780	3	3	1	3	2.340						
				Bot. Main	16 mm					16	32	48	64	0.886	3	3	1	3	2.658			2.658			
				Dowel bars - T&B	16 mm			940		16	32	48	64	0.940	3	3	1	3	2.820			2.820			
				Stirrups	8 mm	100 mm c/c		25			8	16	24	32	0.796	4	3	1	4	3.184					
500 A x 01 - 6.050 M long Beam	6050	50	300	Top Main	12 mm			25			12	24	36	48	0.852	3	3	1	3	19.056			19.056		
				Dowel bars - T&B	12 mm			0		12	24	36	48	0.000	3	3	1	3	0.000			0.000			
				Bot. Main	16 mm					16	32	48	64	0.550	3	3	1	3	19.008			19.008			
				Dowel bars - T&B	16 mm			0		16	32	48	64	0.000	3	3	1	3	0.000			0.000			
				Stirrups	8 mm	100 mm c/c		25			8	16	24	32	0.796	59	3	1	59	46.964					
500 A x 01 - 2.10 At long Beam	2100	150	300	Top Main	12 mm			25			12	24	36	48	2.402	3	3	1	3	7.206			7.206		
				Dowel bars - T&B	12 mm			780		12	24	36	48	0.780	3	3	1	3	2.340			2.340			
				Bot. Main	16 mm					16	32	48	64	2.586	3	3	1	3	7.158			7.158			
				Dowel bars - T&B	16 mm			940		16	32	48	64	0.940	3	3	1	3	2.820			2.820			

Member	Size		Bar Detail	Dia	Spacing Of Bar	Band/ Devp Length	Cover	Overlap	Bar Shape	Bend Deductions			Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)															
	L (mm)	B (mm)								Particular Placing of Bar	45°	90°		135°	180°	No. of Bars		No. of Members	Total Nos.	m	8	10	12	16	20	25	32						
150	300	300	100 mm c/c	8 mm	100 mm c/c		25		96 250	8	16	24	32	19	1	19	15.124																
Grid A-01 : 120 Along Beam	1200	150	300	12 mm			25		1150 200 2 90 bends 780 0 0 90 bends 1150 200 2 90 bends 940 0 0 90 bends 96 250 100	12	24	36	48	3	1	3	4.506	4.506															
				12 mm				780		12	24	36	48	3	1	3	2.340	2.340															
				16 mm						16	32	48	64	3	1	3	4.458	4.458															
				16 mm					940		16	32	48	64	3	1	3	2.820	2.820														
50	300	300	100 mm c/c	8 mm	100 mm c/c		25		96 250	8	16	24	32	10	1	10	7.960	7.960															
Grid A-02 : Duct Tie Beam Grid A-02 - 4925 Along Beam	4925	150	300	12 mm			25		4875 200 2 90 bends 0 0 90 bends 4875 200 2 90 bends 0 0 90 bends 96 250 100	12	24	36	48	3	1	3	15.681	15.681															
				12 mm				0		12	24	36	48	3	1	3	0.000	0.000															
				16 mm						16	32	48	64	3	1	3	15.653	15.653															
				16 mm					0		16	32	48	64	3	1	3	0.000	0.000														
150	300	4025	100 mm c/c	8 mm	100 mm c/c		25		96 250	8	16	24	32	47	1	47	37.412	37.412															
Grid A-02 : 120 Along Beam - 120	1200	150	300	12 mm			25		1150 200 2 90 bends 780 0 0 90 bends 1150 200 2 90 bends 940 0 0 90 bends 96 250 100	12	24	36	48	3	1	3	9.012	9.012															
				12 mm				780		12	24	36	48	3	1	3	4.680	4.680															
				16 mm						16	32	48	64	3	1	3	8.916	8.916															
				16 mm					940		16	32	48	64	3	1	3	5.640	5.640														

For M/s. SIMHAA CONSTRUCTIONS



(KAN RAJU)

Managing Partner

18/08/23
For M/s. SIMHAA CONSTRUCTIONS

(KAN KAJAL)
Managing Partner

[illegible]

FOR M/s. SIMHAA CONSTRUCTIONS

(Signature)
(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)								Particulars of Bar	45°	90°		135°	180°			No. of Bars	No. of Members	Total Nos.	m	8	10	12	16	20	25	32							
50	300	900	100 mm c/c	T&B	16 mm	100 mm c/c		25		0 90 bends 1150 200 2 90 bends 640 0 0 90 bends 96 250 100	16	32	48	64	1.486	3	2	5	8.916																	
				Dowel bars - T&B	16 mm											16	32	48	64	0.940	3	2	6	5.640												
				Straps	8 mm											8	16	24	32	0.796	10	2	20	15.920												
150	300	5200	100 mm c/c	Top Main	12 mm	100 mm c/c		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	1	4	17.406																	
				Dowel bars - T&B	12 mm											12	24	36	48	0.000	3	1	4	0.000												
				Straps	8 mm											8	16	24	32	0.796	53	1	53	42.188												
150	300	5200	100 mm c/c	Top Main	12 mm	100 mm c/c		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	2	5	9.012																	
				Dowel bars - T&B	12 mm											12	24	36	48	0.789	3	2	6	4.680												
				Straps	8 mm											8	16	24	32	0.796	10	2	20	15.920												
150	300	5200	100 mm c/c	Top Main	12 mm	100 mm c/c		25		550 200	12	24	36	48	0.902	3	1	4	2.706																	
				Straps	12 mm																															

For More DIMENSIONS

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)								Particulars of Placing of Bar	45°	90°	135°		180°	No. of Bars	No. of Members		Total Nos.	m	8	10	12	16	20	25	32																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
150	300	300	100 mm c/c	Dowel bars - T&B	12 mm				780	2 90 bends 780	12	24	36	48	3	1	3	2.340			2.340																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																</

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
Along Beam	300	900	100 mm c/c	Dowel bars - T&B	12 mm				780	200	12	24	36	48	0.780	3	1	3	2.340	2.340								
				Bot. Main	16 mm				200	16	32	48	64	1.486	3	1	3	4.458	4.458									
				Dowel bars - T&B	16 mm				940	200	16	32	48	64	0.940	3	1	3	2.820	2.820								
				Stirrups	8 mm	100 mm c/c		25		96	8	16	24	32	0.796	10	1	10	7.960	7.960								
										100																		
Grid E-01 ; Duct Tie Beam Grd 2 - 01 - 0.60 Along Beam	600	150	300	Top Main	12 mm			25		200	12	24	36	48	0.902	3	1	3	2.706	2.706								
				Dowel bars - T&B	12 mm				780	200	12	24	36	48	0.780	3	1	3	2.340	2.340								
				Bot. Main	16 mm				200	16	32	48	64	0.886	3	1	3	2.658	2.658									
				Dowel bars - T&B	16 mm				940	200	16	32	48	64	0.940	3	1	3	2.820	2.820								
				Stirrups	8 mm	100 mm c/c		25		96	8	16	24	32	0.796	4	1	4	3.184	3.184								
Grid E - 01 - 0.60 Along Beam	600	150	300	Top Main	12 mm			25		200	12	24	36	48	0.902	3	1	3	19.056	19.056								
				Dowel bars - T&B	12 mm				0	200	12	24	36	48	0.000	3	1	3	0.000	0.000								
				Bot. Main	16 mm				0	200	16	32	48	64	0.336	3	1	3	19.008	19.008								
				Dowel bars - T&B	16 mm				0	200	16	32	48	64	0.000	3	1	3	0.000	0.000								
				Stirrups	8 mm	100 mm c/c		25		96	8	16	24	32	0.796	59	1	59	46.964	46.964								
150	300	5750	100 mm c/c	Top Main	12 mm			25		200	12	24	36	48	0.902	3	1	3	19.056	19.056								
				Dowel bars - T&B	12 mm				0	200	12	24	36	48	0.000	3	1	3	0.000	0.000								
				Bot. Main	16 mm				0	200	16	32	48	64	0.336	3	1	3	19.008	19.008								
				Dowel bars - T&B	16 mm				0	200	16	32	48	64	0.000	3	1	3	0.000	0.000								
				Stirrups	8 mm	100 mm c/c		25		96	8	16	24	32	0.796	59	1	59	46.964	46.964								

M/s. SIMHAA CONSTRUCTIONS

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
Grid E-01 - 2.10 x 2.10 Long Beam	2100	150	300	12 mm			25																	

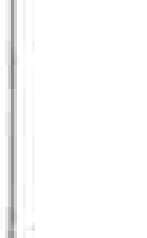
M/S. SIMHAA CONSTRUCTIONS



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)								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
Grid E-02 : 1.20 x 4.425 M long Beam -02 nos.	1200	150	300	Top Main	12 mm			25				12	24	36	48	1.502	3	2	6	9.012									
				Dowel bars - T&B	12 mm				780			12	24	36	48	0.780	3	2	6	4.680									
				Bot. Main	16 mm							16	32	48	64	1.486	3	2	6	8.916									
				Dowel bars - T&B	16 mm				940			16	32	48	64	0.940	3	2	6	5.640									
	500	500	100 mm c/c	Stirrups	8 mm	100 mm c/c	25					8	16	24	32	0.796	10	2	20	15.920									
Grid E-03 : Duct Tie Beam 200 x 400 x 4.425 M long Beam	4925	150	300	Top Main	12 mm		25					12	24	36	48	5.237	3	1	3	15.681									
				Dowel bars - T&B	12 mm				0			12	24	36	48	0.000	3	1	3	0.000									
				Bot. Main	16 mm							16	32	48	64	5.211	3	1	3	15.633									
				Dowel bars - T&B	16 mm				0			16	32	48	64	0.000	3	1	3	0.000									
	300	4625	100 mm c/c	Stirrups	8 mm	100 mm c/c	25					8	16	24	32	0.796	47	1	47	37.412									
Grid E-03 : 1.20 x 4.425 M long Beam -02 nos.	1200	150	300	Top Main	12 mm		25					12	24	36	48	1.502	3	2	6	9.012									
				Dowel bars - T&B	12 mm				780			12	24	36	48	0.780	3	2	6	4.680									
				Bot. Main	16 mm							16	32	48	64	1.486	3	2	6	8.916									
				Dowel bars -	16 mm				940			16	32	48	64	0.940	3	2	6	5.640									

For M/s. SIMHA CONSTRUCTION

Member	Size			Bar Detail	Dia mm	Spacing Of Bar	Bend/ Devp Length	Cover	Overlap	Bar Shape	Bend Deductions				Cutting Length	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							
130	300	900	100 mm c/c	T&B Stirrups	8 mm	100 mm c/c	25	mm		0 90 bends 96  250 106	8 16 24 32	0.796	10 8 2	20	15.920																		
Grid E-04 : Duct Tie Beam Grid E-04 - 6.0 At Long Beam	6000	150	300	Top Main	12 mm		25			5950  200 2 90 bends 0 1 0 0 90 bends 5050  200 2 90 bends 0 1 0 0 90 bends 96  250 106	12 24 36 48	6.302	3 8 1	3	18.906																		
				Dowel bars - T&B	12 mm			0	0 1 0 0 90 bends 5050  200 2 90 bends 0 1 0 0 90 bends 96  250 106	12 24 36 48	0.900	3 8 1	3	0.000																			
				Bot. Main	16 mm				0 1 0 0 90 bends 5050  200 2 90 bends 0 1 0 0 90 bends 96  250 106	16 32 48 64	6.286	3 8 1	3	18.858																			
				Dowel bars - T&B	16 mm			0	0 1 0 0 90 bends 5050  200 2 90 bends 0 1 0 0 90 bends 96  250 106	16 32 48 64	0.000	3 8 1	3	0.000																			
				Stirrups	8 mm	100 mm c/c	25		0 1 0 0 90 bends 96  250 106	8 16 24 32	0.796	58 8 1	58	46.168																			
Grid E-04 - 6.0 At Long Beam-02 100%	1200	150	300	Top Main	12 mm		25			1150  200 2 90 bends 0 1 0 0 90 bends 1150  200 2 90 bends 0 1 0 0 90 bends 96  250 106	12 24 36 48	1.502	3 8 2	6	9.012																		
130	300	900	100 mm c/c	Dowel bars - T&B	12 mm				780	0 1 0 0 90 bends 1150  200 2 90 bends 0 1 0 0 90 bends 96  250 106	12 24 36 48	0.780	3 8 2	6	4.680																		
				Bot. Main	16 mm				0 1 0 0 90 bends 1150  200 2 90 bends 0 1 0 0 90 bends 96  250 106	16 32 48 64	1.486	3 8 2	6	8.916																			
				Dowel bars - T&B	16 mm			940	0 1 0 0 90 bends 1150  200 2 90 bends 0 1 0 0 90 bends 96  250 106	16 32 48 64	0.940	3 8 2	6	5.640																			
				Stirrups	8 mm	100 mm c/c	25		0 1 0 0 90 bends 96  250 106	8 16 24 32	0.796	10 8 2	20	15.920																			
				Grid E-05 : Duct Tie Beam Grid E-05 - 5.50 At Long Beam	8500	150	300	Top Main	12 mm		25			5450  200 2 90 bends 0 1 0 0 90 bends 5450 200 2 90 bends 0 1 0 0 90 bends 96 250 106	12 24 36 48	5.802	3 8 1	3	17.406														
130	300	900	100 mm c/c	Dowel bars - T&B	12 mm				0	0 1 0 0 90 bends 5450  200 2 90 bends 0 1 0 0 90 bends 96 250 106	12 24 36 48	0.000	3 8 1	3	0.000																		
				Bot. Main	16 mm				0 1 0 0 90 bends 5450  200 2 90 bends 0 1 0 0 90 bends 96 250 106	16 32 48 64	5.786	3 8 1	3	17.358																			

M/s. SIMHA CONSTRUCTION

Member	Size			Bar Detail	Dia mm	Spacing Of Bar	Bend/ Devp Length		Cover	Overlap	Bar Shape	Bend Deductions			Cutting Length	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	300	50/50	100 mm c/c	Dowel bars - T&B Stirrups	16 mm 8 mm	100 mm c/c	mm	mm	25	0	2 90 bends 0 0 90 bends 96	16 32 48 64	8 16 24 32	0.000 0.796	3	3	1	1	0.000	42.188	0.000									
Grid E-05 : 1.20 M Long Beam - 02 nos	1200	150	300	Top Main Dowel bars - T&B Bar Main	12 mm 12 mm 16 mm		25		780	1150 200 2 90 bends 780 0 0 90 bends 1150 200 2 90 bends 940 0 0 90 bends 96	12 24 36 48	12 24 36 48	1.502 0.780 1.486	3	2	2	2	6	9.012	4.680	8.016	5.040	15.920	9.012	4.680	8.016	5.040			
150	300	50/50	100 mm c/c	Dowel bars - T&B Stirrups	16 mm 8 mm	100 mm c/c	25		940	2 90 bends 940 0 0 90 bends 96	16 32 48 64	8 16 24 32	0.796	10	2	2	2	20	15.920	15.920										
Grid E-06 : Duct Tie Beam Grid E-06 : 5.50 M Long Beam	5500	150	300	Top Main Dowel bars - T&B Bar Main	12 mm 12 mm 16 mm		25		0	5450 200 2 90 bends 0 0 90 bends 5450 200 2 90 bends 0 0 90 bends 96	12 24 36 48	12 24 36 48	5.802 0.000 5.786	3	1	1	1	3	17.406	0.000	17.358	0.000	17.358	17.406	0.000	17.358	0.000			
150	300	50/50	100 mm c/c	Dowel bars - T&B Stirrups	16 mm 8 mm	100 mm c/c	25		0	2 90 bends 0 0 90 bends 96	16 32 48 64	8 16 24 32	0.796	53	1	1	1	53	42.188	42.188										
Grid E-06 : 1.20 M Long Beam - 02 nos	1200	150	300	Top Main Dowel bars - T&B	12 mm 12 mm		25		780	1150 200 2 90 bends 780 0 0 90 bends	12 24 36 48	12 24 36 48	1.502 0.780	3	2	2	2	6	9.012	4.680										

For M/s. SIMHAA CONSTRUCTION

Member	Size			Bar Detail	Dia mm	Spacing Of Bar	Bend/ Devp 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	Total Nos.		8	10	12	16	20	25	32	
150	300	900	100 mm c/c	Top Main	16 mm						16 32	48	64	1.486	3	2	6	8.916								
				Dowel bars - E&B	16 mm			940			16 32	48	64	0.940	3	2	6	5.640								
				Stirrups	8 mm			25			8 16	24	32	0.796	10	2	20	15.920								
Grid E-07 : Duct Tie Beam Grid E-07 : 0.60 Along Beam	300	300	100 mm c/c	Top Main	12 mm			25			12 24	36	48	0.902	3	1	3	2.706								
				Dowel bars - E&B	12 mm			780			12 24	36	48	0.780	3	1	3	2.340								
				Bot Main	16 mm						16 32	48	64	0.886	3	1	3	2.658				2.658				
				Dowel bars - E&B	16 mm			940			16 32	48	64	0.940	3	1	3	2.820				2.820				
150	300	300	100 mm c/c	Stirrups	8 mm			25			8 16	24	32	0.796	4	1	4	3.184								
Grid E-07 : 0.60 Along Beam	600	150	300	Top Main	12 mm			25			12 24	36	48	0.302	3	1	3	18.906								
				Dowel bars - E&B	12 mm			6			12 24	36	48	0.000	3	1	3	0.000								
				Bot Main	16 mm						16 32	48	64	0.286	3	1	3	18.858				18.858				
				Dowel bars - E&B	16 mm			6			16 32	48	64	0.000	3	1	3	0.000								
150	300	5700	100 mm c/c	Stirrups	8 mm			25			8 16	24	32	0.796	58	1	58	46.168								
Grid E-07 : 2.15 Along Beam	2150	150	300	Top Main	12 mm			25			12 24	36	48	2.452	3	1	3	7.356								
				Dowel	12 mm			780			12 24	36	48	0.780	3	1	3	2.340								

For M/s. SIMHAA CONSTRUCTION

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			
156	300	180	100 mm c/c	bars - T&B Bar Main	16 mm			25	940	0 0 90 bends 2100 200 2 90 bends 940 0 0 90 bends 96 250 100	16	32	48	64	2.436	5	1	3	7.308				7.308							
156	300	90	100 mm c/c	Dowel bars - T&B Bar Main	16 mm			25	940	200 2 90 bends 780 0 0 90 bends 1150 200 2 90 bends 940 0 0 90 bends 96 250 100	12	24	36	48	1.592	3	1	3	4.506				4.506							
Grid D-07; Duct Tie Beam	3000	150	300	Top Main	12 mm			25	0	2950 200 2 90 bends 0 0 0 90 bends 2950 200 2 90 bends 0 0 90 bends 96 250 100	12	24	36	48	3.302	3	1	3	9.906				9.906							
156	300	270	100 mm c/c	Dowel bars - T&B Straps	8 mm	100 mm c/c	25		0	0 0 90 bends 96 250	16	32	48	64	0.000	3	1	3	0.000				0.000							
Grid D-07; Along Beam	600	150	300	Top Main	12 mm			25		200 550 200	12	24	36	48	0.902	3	1	3	5.412				5.412							

For M/s. SIMHA CONSTRUCTION

FOR M/s. SIMHA CONSTRUCTIONS

5.412

22.288

9.858

0.000

9.906

0.000

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M/s. SIMHA CONSTRUCTIONS
(KAN RAJU)
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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 Grid C-01 : Duct Tie Beam 3550 x 350 x 150 2.350 M long Beam	300	300	100 mm c/c	Dowel bars - 1&3 Bot. Main	12 mm			780		2 90 bends 780 0 90 bends 0 90 bends 200 200 2 90 bends 0 90 bends 0 90 bends 96 250	12	24	36	48	3	2	6	4.680			4.680									
				Dowel bars - 1&B	16 mm			940	16	32	48	64	3	2	6	5.516			5.516											
				Stirrups	8 mm	100 mm c/c	25		8	16	24	32	0.796	4	2	8	6.368			6.368										
150 Grid C-01 : Duct Tie Beam 3550 x 350 x 150 2.350 M long Beam	300	300	100 mm c/c	Top Main	12 mm			25		200 200 2 90 bends 0 90 bends 0 90 bends 200 200 2 90 bends 0 90 bends 96 250	12	24	36	48	3	1	3	10.956			10.956									
				Dowel bars - 1&B	12 mm			0	12	24	36	48	0.000	3	1	3	0.000			0.000										
				Bot. Main	16 mm				16	32	48	64	3.636	3	1	3	10.908			10.908						10.908				
				Dowel bars - 1&B	16 mm			0	16	32	48	64	0.000	3	1	3	0.000			0.000						0.000				
				Stirrups	8 mm	100 mm c/c	25		8	16	24	32	0.796	32	1	32	25.172			25.172										
150 Grid C-01 : Duct Tie Beam 3550 x 350 x 150 2.350 M long Beam	300	300	100 mm c/c	Top Main	12 mm			25		1180 200 2 90 bends 0 90 bends 0 90 bends 200 200 2 90 bends 0 90 bends 96 250	12	24	36	48	3	2	6	9.012			9.012									
				Dowel bars - 1&B	12 mm			780	12	24	36	48	0.780	3	2	6	4.680			4.680										
				Bot. Main	16 mm				16	32	48	64	1.186	3	2	6	8.916			8.916						8.916				
				Dowel bars - 1&B	16 mm			940	16	32	48	64	0.000	3	2	6	5.610			5.610										
				Stirrups	8 mm	100 mm c/c	25		8	16	24	32	0.796	10	2	20	15.920			15.920										

15-20 M/S. SIMHAA CONSTRUCTIONS

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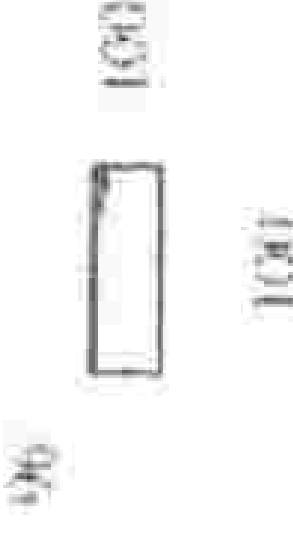
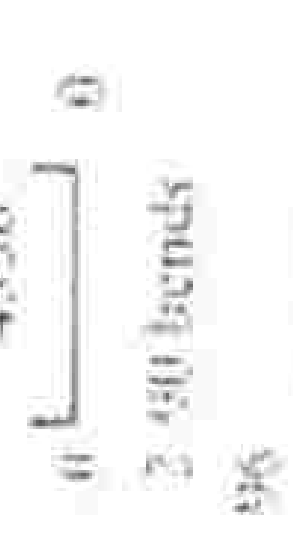
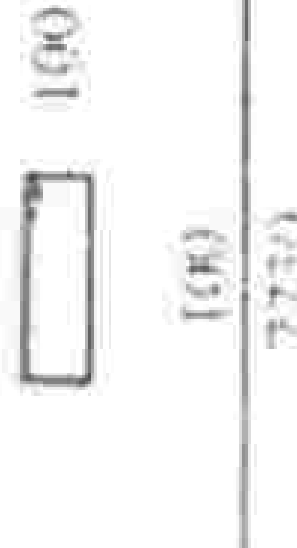
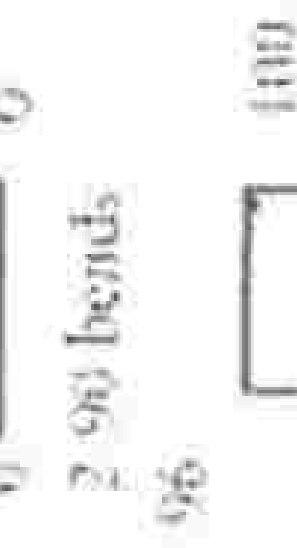
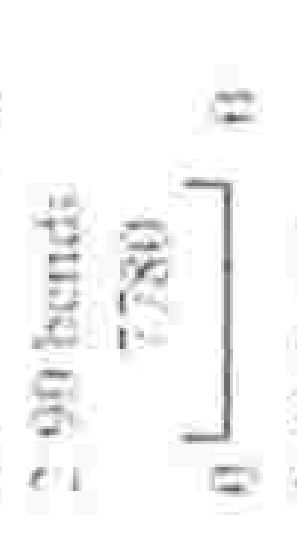
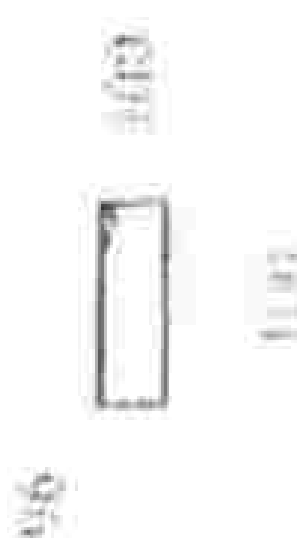
Managing Partner

RA 75 - 2nd Floor- Floor Beams 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)								45°	90°	135°		180°	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		4150 0 2 90 bends 4100 0 2 90 bends 96 100	8	16	24	32	4.068	1	1	1	4.068	4.068											
				Bot Main	8 mm					4100 0 2 90 bends 96 100	8	16	24	32	4.068	1	1	1	4.068	4.068											
				Stirrups	8 mm	200 mm c/c		25			96 100	8	16	24	32	0.496	0	1	0	0.000	0.000										
FB in between grid A3 to A4	4400	150	150	Top Main	8 mm			25		4350 0 2 90 bends 4350 0 2 90 bends 96 100	8	16	24	32	4.318	1	1	1	4.318	4.318											
				Bot Main	8 mm					4350 0 2 90 bends 96 100	8	16	24	32	4.318	1	1	1	4.318	4.318											
				Stirrups	8 mm	200 mm c/c		25			96 100	8	16	24	32	0.496	0	1	0	0.000	0.000										
FB in between grid A4 to A5	4300	150	150	Top Main	8 mm			25		4350 0 2 90 bends 4350 0 2 90 bends 96 100	8	16	24	32	4.318	1	1	1	4.318	4.318											
				Bot Main	8 mm					4350 0 2 90 bends 96 100	8	16	24	32	4.318	1	1	1	4.318	4.318											
				Stirrups	8 mm	200 mm c/c		25			96 100	8	16	24	32	0.496	0	1	0	0.000	0.000										
FB in between grid A5 to A6	4400	150	150	Top Main	8 mm			25		4350 0 2 90 bends 4350 0 2 90 bends 96 100	8	16	24	32	4.318	1	1	1	4.318	4.318											
				Bot Main	8 mm					4350 0 2 90 bends 96 100	8	16	24	32	4.318	1	1	1	4.318	4.318											
				Stirrups	8 mm	200 mm c/c		25			96 100	8	16	24	32	0.496	0	1	0	0.000	0.000										
FB in between grid A6 to A7	4400	150	150	Top Main	8 mm			25		4350 0 2 90 bends 4350 0 2 90 bends 96 100	8	16	24	32	4.318	1	1	1	4.318	4.318											
				Bot Main	8 mm					4350 0 2 90 bends 96 100	8	16	24	32	4.318	1	1	1	4.318	4.318											
				Stirrups	8 mm	200 mm c/c		25			96 100	8	16	24	32	0.496	0	1	0	0.000	0.000										
For M/s. SIMHAA CONSTRUCTION																															
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)					Particulars + 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			
156	150	440	200 mm c/c	Stirrups	8 mm	200 mm c/c		25		2 90 bends 96	8	16	24	32	0.496	0	1	0	0.000	0.000											
FB in between grid E1 to E2	150	150	150	Top Main	8 mm			25		4350	8	16	24	32	4.318	1	1	1	4.318	4.318											
				Bot Main	8 mm					2 90 bends 4350	8	16	24	32	4.318	1	1	1	4.318	4.318											
	150	150	200 mm c/c	Stirrups	8 mm	200 mm c/c		25		2 90 bends 96	8	16	24	32	0.496	0	1	0	0.000	0.000											
FB in between grid E2 to E3	330	150	150	Top Main	8 mm			25		3250	8	16	24	32	3.218	1	1	1	3.218	3.218											
				Bot Main	8 mm					2 90 bends 3250	8	16	24	32	3.218	1	1	1	3.218	3.218											
	150	330	200 mm c/c	Stirrups	8 mm	200 mm c/c		25		2 90 bends 96	8	16	24	32	0.496	0	1	0	0.000	0.000											
FB in between grid E3 to E4	440	150	150	Top Main	8 mm			25		4350	8	16	24	32	4.318	1	1	1	4.318	4.318											
				Bot Main	8 mm					2 90 bends 4350	8	16	24	32	4.318	1	1	1	4.318	4.318											
	150	440	200 mm c/c	Stirrups	8 mm	200 mm c/c		25		2 90 bends 96	8	16	24	32	0.496	0	1	0	0.000	0.000											
FB in between grid E4 to E5	440	150	150	Top Main	8 mm			25		4350	8	16	24	32	4.318	1	1	1	4.318	4.318											
				Bot Main	8 mm					2 90 bends 4350	8	16	24	32	4.318	1	1	1	4.318	4.318											
	150	440	200 mm c/c	Stirrups	8 mm	200 mm c/c		25		2 90 bends 96	8	16	24	32	0.496	0	1	0	0.000	0.000											
FB in between grid E5 to E6	440	150	150	Top Main	8 mm			25		4350	8	16	24	32	4.318	1	1	1	4.318	4.318											
				Bot Main	8 mm					2 90 bends 4350	8	16	24	32	4.318	1	1	1	4.318	4.318											
	150	440	200 mm c/c	Stirrups	8 mm	200 mm c/c		25		2 90 bends 96	8	16	24	32	0.496	0	1	0	0.000	0.000											
FB in between grid E5 to E6	440	150	150	Top Main	8 mm			25		4350	8	16	24	32	4.318	1	1	1	4.318	4.318											
				Bot Main	8 mm					2 90 bends 4350	8	16	24	32	4.318	1	1	1	4.318	4.318											
	150	440	200 mm c/c	Stirrups	8 mm	200 mm c/c		25		2 90 bends 96	8	16	24	32	0.496	0	1	0	0.000	0.000											

S. SIMHAA CONSTRUCTION

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	10	12	16	20	25	32			
120	150	400	200 mm c/c	Bot Main	8 mm	200 mm c/c		25			8	16	24	32	4.318	1	1	1	4.318										
				Stirrups	8 mm	200 mm c/c		25			8	16	24	32	0.496	0	1	0	0.000										
FB in between grid E6 to E7	400	150	150	Top Main	8 mm			25			8	16	24	32	4.318	1	1	1	4.318										
				Bot Main	8 mm						8	16	24	32	4.318	1	1	1	4.318										
130	150	1000	200 mm c/c	Stirrups	8 mm	200 mm c/c		25			8	16	24	32	0.496	0	1	0	0.000										
FB in between grid 7-A to B	7280	150	150	Top Main	8 mm			25			8	16	24	32	7.198	1	1	1	7.198										
				Bot Main	8 mm						8	16	24	32	7.198	1	1	1	7.198										
150	150	7280	200 mm c/c	Stirrups	8 mm	200 mm c/c		25			8	16	24	32	0.496	0	1	0	0.000										
FB in between grid 7-B to C	7830	150	150	Top Main	8 mm			25			8	16	24	32	7.748	1	1	1	7.748										
				Bot Main	8 mm						8	16	24	32	7.748	1	1	1	7.748										
150	150	7830	200 mm c/c	Stirrups	8 mm	200 mm c/c		25			8	16	24	32	0.496	0	1	0	0.000										
FB in between grid 7-C to D	6430	150	150	Top Main	8 mm			25			8	16	24	32	6.368	1	1	1	6.368										
				Bot Main	8 mm						8	16	24	32	6.368	1	1	1	6.368										
150	150	6430	200 mm c/c	Stirrups	8 mm	200 mm c/c		25			8	16	24	32	0.496	0	1	0	0.000										
FB in between grid 7-D to E	6850	150	150	Top Main	8 mm			25			8	16	24	32	6.468	1	1	1	6.468										

M/S. SIMHAA CONSTRUCTION

M/s. SIMHAA CONSTRUCTIONS


 (KAN RAJU)
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Member	Size			Bar Detail	Dia	Spacing (Of Bar	Bend/ Dev't 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 Nos.	Total Nos.		8	10	12	16	20	25	32			
Grid 7 - D to E				Particular Placing of Bar	mm		mm	mm	0 2 90 bends 6500 0		8	16	24	32	6.468	1	1	1	6.468									
	150	650	200 mm c/c	Stirrups	8 mm	200 mm c/c		25	96 2 90 bends 100		8	16	24	32	0.496	0	1	0	0.000									
											Total Length	147.860	0.000	0.000	0.000	0.000	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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
										Total Weight In (KG)	58.405	0.000	0.000	0.000	0.000	0.000	0.000	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	0.000	0.000	0.000	0.000	0.000			
										Total	0.058 Tons																	

For M/s. SIMHAA CONSTRUCTIONS



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RA 75 - Level 02 (Slab 04)- Addl.Beams at Duct- BBS																								
Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend 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.	8	10	12	16	20
at grid A1 Duct	1000	300	450	Top Main	20 mm			0		0 0 2 90 bends 1000 0 2 90 bends 120	20	40	60	80	0.920	3	1	3	2.760					
				Bot Main	20 mm					0 0 2 90 bends 1000 0 2 90 bends 120	20	10	60	80	0.920	3	1	3	2.760					
	450	1000	100 mm c/c	Stirrups	10 mm	100 mm c/c		25			0 0 2 90 bends 120	10	20	30	40	1.420	11	1	11	15.620				
at grid E1 Duct	1000	300	450	Top Main	20 mm			0		0 0 2 90 bends 1000 0 2 90 bends 120	20	40	60	80	0.920	3	1	3	2.760					
				Bot Main	20 mm					0 0 2 90 bends 1000 0 2 90 bends 120	20	30	60	80	0.920	3	1	3	2.760					
	450	1000	100 mm c/c	Stirrups	10 mm	100 mm c/c		25			0 0 2 90 bends 120	10	20	30	40	1.420	11	1	11	15.620				
at grid A7 Duct	1000	300	450	Top Main	20 mm			0		0 0 2 90 bends 1000 0 2 90 bends 120	20	40	60	80	0.920	3	1	3	2.760					
				Bot Main	20 mm					0 0 2 90 bends 1000 0 2 90 bends 120	20	40	60	80	0.920	3	1	3	2.760					
	450	1000	100 mm c/c	Stirrups	10 mm	100 mm c/c		25			0 0 2 90 bends 120	10	20	30	40	1.420	11	1	11	15.620				
at grid E7 Duct	1000	300	450	Top Main	20 mm			0		0 0 2 90 bends 1000 0 2 90 bends 120	20	40	60	80	0.920	3	1	3	2.760					
				Bot Main	20 mm					0 0 2 90 bends 1000 0 2 90 bends 120	20	40	60	80	0.920	3	1	3	2.760					
	450	1000	100 mm c/c	Stirrups	10 mm	100 mm c/c		25			0 0 2 90 bends 120	10	20	30	40	1.420	11	1	11	15.620				
Total Length														0.000	62.480	0.000	0.000	0.000	22.080	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)														0.000	38.550	0.000	0.000	0.000	54.471	0.000	0.000			

M/s. SIMHAA CONSTRUCTIONS



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