

Anx B – Work Completion Report

Company	AMTZ Medpolis Square 4554 Pvt Ltd	Name of contractor	Simhaa Constructions	Sl. No. site bills reg.	97		
Project/site	AMS4554	Nature of work	RCC Works for Headroom slabs	Dt. site bills reg.	01-09-2025		
Block no.	AMS4554	Work done from date	01-05-2025	M-codex bill ID.			
WO no.	20250731023	Work done to date	30-07-2025	WO issued ?	Yes		
WO date	31-07-2025	Contractor bill no.	51	GST bill required?	Yes		
Sl. No.	Unit/floor no	Details of work	Qty	Units	Rate ID	Rate	Amount
1	AMS4554	CONST - RCC 2032 - Construction - Slab7 - Shuttering - Sqm. (includes Col+Beam+Slab)	692.98	Sqm		1,252.90	8,68,234.64
2	AMS4554	CONST - RCC 9753 - Construction - Slab7 - Barbending works - Ton. (includes Col+Beam+Slab)	18.05	Ton		11,725.35	2,11,642.57
3	AMS4554	CONST - RCC 1631 - Construction - Slab 7 - Concreting - Material - cum (M35 Grade of Concrete)	100.26	Cum	RCC189	4,933.00	4,94,582.58
4	AMS4554	CONST - RCC 9469 - Construction - Slab 7 - Concreting - Labour - cum (M35 Grade of Concrete)	100.26	Cum		1,273.65	1,27,696.15
5	AMS4554	CONST - RCC 9606 - Construction - RCC - Lift Charges - Slab 07 - cum (Concrete material lift charges)	100.26	Cum		888.00	89,030.88
							17,91,187
							3,22,414
							21,13,600
							Total amount including taxes for work done
							Add GST @ 18%
							3,22,414
							21,13,600
Remarks:							
Approved by project manager	Approved by Director/E&D team						
Sign:	Sign:						
Date:	Date:						
Notes: 1. This sheet must be filled up and submitted 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 entered above. 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 - Soham, Anand Mehta (for GHT + GMR), Sachin (for Vivopalis), B. anand Kumar (for NGH + NRR). 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).							

APPROVED BY

11/9/25

LEELA VENKATESH

Project Manager

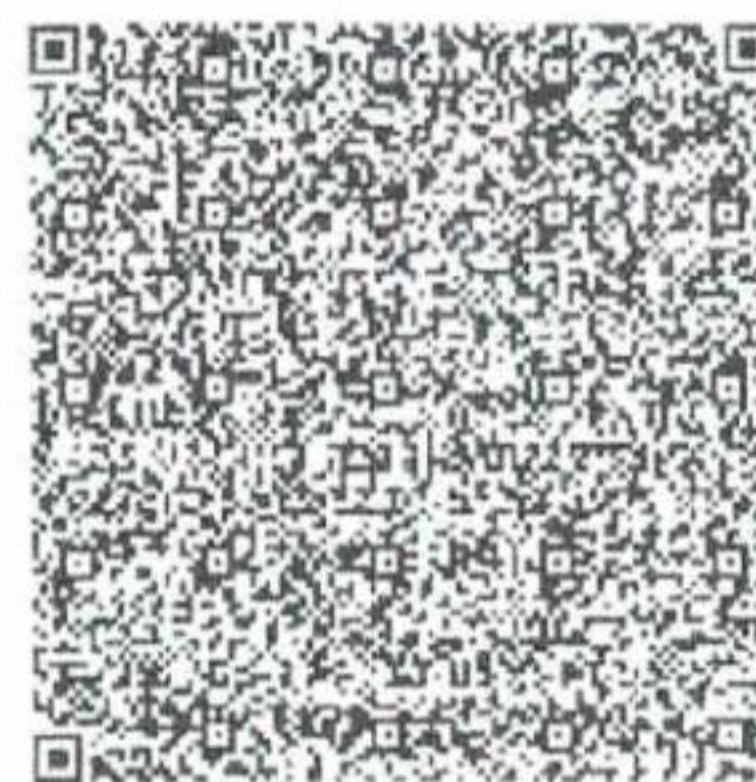
MEASUREMENT SHEET												
Company Name:		AMTZ Medpolis Square 4554 Pvt Ltd					Approved by:			N. Leela Venkatesh		
Project:		AMS4554					Sign:					
Work Description :		RCC Works for Headroom slabs					Work start date:			01-05-2025		
Contractor:		Simhaa Constructions					Work end date:			30-07-2025		
Prepared By:		Leela Venkatesh					Date :			01-09-2025		
			A	B	C	D	E	F=AxBxCxD/G		H=Sum of F		
S No.	Item Head	Item Description	Length	Width	Height	Nos.	Unit wt/mt	Quantity	Units	Item Head	Total	
1	AMS4554	CONST - RCC 2032 - Construction - Slab7 - Shuttering - Sqm. (includes Col+Beam+Slab)	1.00	1.00	1.00	-	-	692.98	Sqm		693	
2	AMS4554	CONST - RCC 9753 - Construction - Slab7 - Barbending works - Ton. (includes Col+Beam+Slab)	1.00	1.00	1.00	-	-	18.05	Ton		18	
3	AMS4554	CONST - RCC 1631 - Construction - Slab 7 - Concreting - Material - cum (M35 Grade of Concrete)	1.00	1.00	1.00	-	-	100.26	Cum		100	
4	AMS4554	CONST - RCC 9469 - Construction - Slab 7 - Concreting - Labour - cum (M35 Grade of Concrete)	1.00	1.00	1.00	-	-	100.26	Cum		100	
5	AMS4554	CONST - RCC 9606 - Construction - RCC - Lift Charges - Slab 07 - cum (Concrete material lift charges)	1.00	1.00	1.00	-	-	100.26	Cum		100	
									TOTAL		1,012	

APPROVED BY

01 SEP 2025
LEELA VENKATESH.N.
Project Manager

Tax Invoice

e-Invoice



IRN : 809850f7f476caa522e8b644e72e43b52ecbde21b217038-3b41bac7cd59b6ecd
Ack No : 112526192275043
Ack Date : 7-Aug-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
51	7-Aug-25
Delivery Note	Mode/Terms of Payment
Reference No. & Date	Other References
SC/AMS/4554/RA 60 dt. 7-Aug-25	
Buyer's Order No.	Dated
20250731023	31-Jul-25
Dispatch Doc No	Delivery Note Date
Dispatched through	Destination
Terms of Delivery	

SI No	Particulars	HSN/SAC	Quantity	Rate	per	Amount
1	Contract Receipt (2025-26) RA 60 for Civil Constructions of RCC Building at AMTZ Medpolis Square 4554 Visakhapatnam. (RCC Works for the Head Toom Slabs 02 No's @ NE & SW)	995415				17,91,186.82
	CGST - Output 9%				9 %	1,61,206.81
	SGST - Output 9%				9 %	1,61,206.81
	Total					₹ 21,13,600.44

Amount Chargeable (in words)

E & O.E

INR Twenty One Lakh Thirteen Thousand Six Hundred and Forty Four paise Only

HSN/SAC	Taxable Value	Central Tax Rate	Central Tax Amount	State Tax Rate	State Tax Amount	Total Tax Amount
995415	17,91,186.82	9%	1,61,206.81	9%	1,61,206.81	3,22,413.62
Total	17,91,186.82		1,61,206.81		1,61,206.81	3,22,413.62

Tax Amount (in words) : **INR Three Lakh Twenty Two Thousand Four Hundred Thirteen and Sixty Two paise Only**

Remarks:
RA 60 for Civil Constructions of RCC Building at AMTZ
Medpolis Square 4554 Visakhapatnam. (RCC Works for
the Head Room slabs - 02 no's @ NE & SW)

for Simhaa Constructions (2025-26)

Authorised Signatory

This is a Computer Generated Invoice

For M/s. SIMHAA CONSTRUCTIONS

(KARAJU)
Managing Partner

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

RA - 60

SIMHAA CONSTRUCTIONS
Visakhapatnam

SIMHAA CONSTRUCTIONS

RA 60

DATE: 07.08.2025

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 : 20250731023, on Dt: 31 Jul 2025

" RCC works for the Head Room slabs @ AMTZ 4554 "

Sl. NO	Item Name	Uom	P.O Qty	Rate	QUANTITY			Amount up to Previous	Present Bill
					up to Previous	This Bill Qty	Total		
1	CONST - RCC 2032 - Construction - Slab 7 - Shuttering --sqm Labor charges for the Shuttering works (Includes: Col+Beam+Slab)	Sqm	694	1252.90	-	692.980	692.980	8,68,234.64	8,68,234.64
2	CONST - RCC 9753 - Construction - Slab 7 - Bar Bending --Ton Labor charges for the Bar Bending Works (Includes: Col+Beam+Slab)	Ton	19	11725.35	-	18.050	18.050	2,11,642.57	2,11,642.57
3	CONST - RCC 1631 - Construction - Slab 7 - Concreting - Material -- cum Charges for the Concrete material. Grade of Concrete M35.	Cum	101	4933.00	-	100.260	100.260	4,94,582.58	4,94,582.58
4	CONST - RCC 9469 - Construction - Slab 7 - Concreting - Labour -- cum Labor charges for the Concrete works. (Includes: Col+Beam+Slab)	Cum	101	1273.65	-	100.260	100.260	1,27,696.15	1,27,696.15
5	CONST - RCC 9606 - Construction - RCC - Lift Charges -Slab - 07 -- cum Concrete material lifting charges.	Cum	101	888.00	-	100.260	100.260	89,030.88	89,030.88
Total								1791186.82	1791186.82

Total Value of present Bill 1791186.82

Add GST @ 18% 322413.63

Total 2113600.45

{ Amount In Words : Twenty One Lakhs Thirteen Thousand Six Hundredend and Four Five Paise Only }

For M/s. SIMHAA CONSTRUCTIONS

(K. N. RAJU)
Managing Partner

Name of Agency : M/s SIMHAA CONSTRUCTIONS

Project: AMTZ Medpolis Square 4554 Pvt.Ltd.

Work: " RCC works for the Head Room slabs @ AMTZ 4554" - (NE & SW)

RAR No: 60

Summary (NE & SW) Head Rooms

S No.	Item Head	Item Description	Quantity	Units	Rate	Amount	Item Head Total	Remarks
1	Material	Concrete - Col.- Beam + Slab	100.260	cum	4933.00	4,94,583	4,94,582.58	
2		Concrete - Col - Beam + Slab	100.260	cum	1273.65	1,27,696		
3		Concrete Material - Lift charges	100.260	cum	888.00	89,031		
4		Shuttering - Col.- Beam + Slab	692.980	Sqm	1252.90	8,68,235		
5		Bar Bending - Col.+Beam-Slab	18.050	Tons	11725.35	2,11,643		
							12,96,604.24	
Total value of work excl. Tax							17,91,186.82	
Add GST @						18%	3,22,413.63	
Total value of work incl. Tax							21,13,600.45	

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 the Head Room slabs @ AMTZ 4554" - (NE & SW)'

RAR No - 60

SHUTTERING - MEASUREMENT SHEET

S No.	Item Head	Item Description	Units	Nos.	Length	Width	Height	Perimeter	Area	Quantity	Item Head Total
A	Shuttering - Columns & Shear Walls			n				P		P*n*D	
NE	Grid C 1-5.4	C4	sqm	1	0.900	0.900	5.225	3.600		18.810	
SW	Grid A 0-1.1	C5	sqm	1	0.900	0.900	5.225	3.600		18.810	
SW	Grid B-3	C5	sqm	1	0.900	0.900	5.225	3.600		18.810	
NE	Grid E-5.1	C6	sqm	1	0.900	0.900	5.225	3.600		18.810	
SW	Grid A 0-3	C6	sqm	1	0.900	0.900	5.225	3.600		18.810	
NE	Grid D 6-5.2	C2	sqm	1	1.200	0.300	5.225	3.000		15.675	
NE	Grid D 6-5.4	C2	sqm	1	1.200	0.300	5.225	3.000		15.675	
NE	Grid C 1-5.3	C2	sqm	1	1.200	0.300	5.225	3.000		15.675	
NE	Grid C 1-5.1	C3	sqm	1	1.350	0.450	5.225	3.600		18.810	
SW	Grid A 2-(1.1-2.1)	P11	sqm	1	3.975	0.300	5.225	8.550		44.674	
NE	Grid (D 2-D 5)-(5.1-5.2)	P1	sqm	1	3.400	0.300	5.225	7.400		38.665	
NE		P2	sqm	1	3.400	0.200	5.225	7.200		37.620	
NE		P3	sqm	1	3.400	0.300	5.225	7.400		38.665	
SW	Grid (A 0-A 1)-(2.1-2.3)	P6	sqm	1	3.400	0.200	5.225	7.200		37.620	
SW		P7	sqm	1	3.400	0.200	5.225	7.200		37.620	
SW		P8	sqm	1	3.400	0.300	5.225	7.400		38.665	
Total in sqm										433.410	

B	Shuttering - SLAB & ROOF BEAMS										
	Beams							3 sides			
	NE - Head Room	B1	Sqm	1	9.349	0.300	0.450	1.200		11.219	
		Add beam ends for outside	Sqm	1	0.800	0.300	0.450			0.360	
		B2	Sqm	1	1.050	0.200	0.450	1.100		1.155	
		Add beam ends for outside	sqm	1	0.230		0.450			0.101	
		B3	Sqm	1	8.430	0.200	0.450	1.200		10.116	
		Add beam ends for outside	Sqm	1	0.300		0.450			0.135	
		B4	Sqm	1	3.050	0.230	0.450	1.130		3.447	
		Add beam ends for outside	Sqm	1	0.500		0.450			0.225	
		B5	Sqm	1	6.600	0.150	0.450	1.350		2.970	
		B6	Sqm	1	0.750	0.200	0.450	1.100		0.825	
		B7	Sqm	1	5.500	0.200	0.450	1.100		6.050	
		B8	Sqm	1	6.302	0.300	0.450	1.200		7.562	
		B9	Sqm	1	1.878	0.300	0.450	1.200		5.854	
	SW Head Room	B11	Sqm	1	5.150	0.300	0.450	1.200		6.180	
		B12	Sqm	1	0.750	0.200	0.450	1.100		0.825	
		B13	Sqm	1	4.650	0.200	0.450	1.100		5.115	
		B14	Sqm	1	3.400	0.300	0.450	1.200		4.080	
		B15	Sqm	1	4.575	0.200	0.450	1.100		5.033	
		B16	Sqm	1	6.000	0.300	0.450	1.200		7.200	
		B17	Sqm	1	3.504	0.200	0.450	1.100		3.854	
		B18	Sqm	1	3.500	0.200	0.450	1.100		3.850	
		B19	Sqm	1	7.925	0.300	0.450	1.200		9.510	
Total in Sqm										95.670	

	Slab Bottom Shuttering										
		Slab-Bottom NE	Sqm	1					78.973	78.973	
		Slab-Sides	Sqm	1			0.175	38.001		6.650	
		Add B5-D 6 to E	Sqm	1	1.850		0.450	0.900		1.665	
		Add Column Portion at E-5.10	Sqm	1	3.150		0.175			0.551	
		Add Column Portion at c 1-5.40	Sqm	1	2.400		0.175			0.420	
		Slab-Bottom SW	Sqm	1					67.360	67.360	
		Slab-Sides	Sqm	1			0.175	23.250		5.819	
		Add B8-A 2 to B	Sqm	1	1.625		0.450	0.900		1.463	
		Add Column Portion at B-3	Sqm	1	3.300		0.175			0.578	
		Add Column Portion at A-0.3	Sqm	1	2.400		0.175			0.420	
Total in Sqm										163.900	

Summary											
Columns & Shear Walls' Shuttering			sqm							433.410	
Roof Beams Shuttering			sqm							95.670	
Slab Shuttering			sqm							163.900	
Total in sqm										692.980	

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 the Head Room slabs @ AMTZ 4554" - (NE & SW) "

RAR No: 60

RCC - MEASUREMENT SHEET

S No.	Item Head	Item Description	Units	Nos.	Length	Width	Height	Area	Quantity	Item Head Total
A	RCC - Columns & Shear Walls									
NE	Grid C.1-5.4	C4	cum	1	0.900	0.900	5.225	0.810	4.232	
SW	Grid A.0-1.1	C5	cum	1	0.900	0.900	5.225	0.810	4.232	
SW	Grid B-3	C5	cum	1	0.900	0.900	5.225	0.810	4.232	
NE	Grid E-5.1	C6	cum	1	0.900	0.900	5.225	0.810	4.232	
SW	Grid A.0-3	C6	cum	1	0.900	0.900	5.225	0.810	4.232	
NE	Grid D.6-5.3	C2	cum	1	1.200	0.300	5.225	0.360	1.881	
NE	Grid D.6-5.4	C2	cum	1	1.200	0.300	5.225	0.360	1.881	
NE	Grid C.1-5.3	C2	cum	1	1.200	0.300	5.225	0.360	1.881	
NE	Grid C.1-5.1	C3	cum	1	1.350	0.450	5.225	0.608	3.174	
SW	Grid A.2-(1.1-2.1)	P11	cum	1	3.975	0.300	5.225	1.193	6.231	
NE	Grid (D.2-D.5)-(5.1-5.2)	P1	cum	1	3.400	0.300	5.225	1.020	5.330	
NE		P2	cum	1	3.400	0.200	5.225	0.680	3.553	
NE		P3	cum	1	3.400	0.300	5.225	1.020	5.330	
SW	Grid (A.0-A.1)-(2.1-2.3)	P6	cum	1	3.400	0.200	5.225	0.680	3.553	
SW		P7	cum	1	3.400	0.200	5.225	0.680	3.553	
SW		P8	cum	1	3.400	0.300	5.225	1.020	5.330	
Total in cum										62.860

Slab - 07 - RCC										
Roof Beams										
NE Head Room										
	B1	cum	1	9.349	0.300	0.450	0.135	1.262		
	B2	cum	1	1.050	0.200	0.450	0.090	0.095		
	B3	cum	1	8.430	0.300	0.450	0.135	1.138		
	B4	cum	1	3.550	0.230	0.450	0.104	0.367		
	B5	cum	1	7.400	0.450	0.450	0.203	1.499		
	B6	cum	1	1.050	0.200	0.450	0.090	0.095		
	B7	cum	1	6.600	0.200	0.450	0.090	0.594		
	B8	cum	1	6.302	0.300	0.450	0.135	0.851		
	Add offset beside column	cum	2	0.100	0.300	0.450	0.135	0.027		
	B9	cum	1	4.878	0.300	0.450	0.135	0.659		
SW Head Room										
	B1	cum	1	5.150	0.300	0.450	0.135	0.695		
	B2	cum	1	0.750	0.200	0.450	0.090	0.068		
	B3	cum	1	4.650	0.200	0.450	0.090	0.419		
	B4	cum	1	3.400	0.300	0.450	0.135	0.459		
	B4	cum	1	4.575	0.200	0.450	0.090	0.412		
	B5	cum	1	6.000	0.300	0.450	0.135	0.810		
	B6	cum	1	3.504	0.200	0.450	0.090	0.315		
	B7	cum	1	3.500	0.200	0.450	0.090	0.315		
	B8	cum	1	7.925	0.300	0.450	0.135	1.070		
Total in cum										11.150

Slab										
	Slab-Bottom_NE	cum	1			0.175	78.973	13.820		
	Add B5 -D.6 to F	cum	1	1.850	0.450	0.175		0.146		
	Add Column Portion at L-5.10	cum	1	0.900	0.900	0.175		0.142		
	Add Column Portion at e.1 -5.40	cum	1	0.600	0.600	0.175		0.063		
	Slab-Bottom_SW	cum	1			0.175	67.360	11.788		
	Add B8 -A.2 to B	cum	1	1.625	0.300	0.175		0.085		
	Add Column Portion at B-3	cum	1	0.900	0.900	0.175		0.142		
	Add Column Portion at A.0-3	cum	1	0.600	0.600	0.175		0.063		
Total in cum										26.250

Summary										
Columns & Shear Walls-Concreting										62.860
Roof Beams-Concreting										11.150
Roof Slab Concreting										26.250
Total Concrete Volume in Cum										100.260

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 the Head Room slabs @ AMTZ 4554" - (NE & SW) "

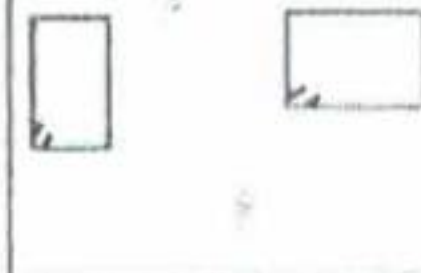
RAR No: 60

STEEL SUMMARY

S.no.	Description	8mm (Ton)	10mm (Ton)	12mm (Ton)	16mm (Ton)	20mm (Ton)	25mm (Ton)	32mm (Ton)	Total
1	Columns	2.508	- .0	- .0	- .0	- .0	3.909	2.924	9.341
2	SW	- .0	2.061	2.558	- .0	- .0	- .0	- .0	4.619
3	Beams	0.610	- .0	- .0	0.152	0.798	1.068	- .0	2.628
4	Slab	1.456	- .0	- .0	- .0	- .0	- .0	- .0	1.456
Total		4.574	2.061	2.558	0.152	0.798	4.977	2.924	
Total									18.050

For M/s. SIMHAA CONSTRUCTIONS


(KAN RAJU)
Managing Partner

Member	Size		Bar Dia	Particulars of Bar	Spacing of Bar	Bend Devp Length	Cover	Crests	Bar Shape	Bend Deductions				Given Length	No. of Bars			Total Length	Total Length with 10% inc																					
	L (mm)	B (mm)								45°	90°	135°	180°		No. of Bars	No. of Members	Total No.		10	12	14	16	18	20																
C6	900	5400	8	Stirrups	100	1000	40	1408		8	16	24	32	147	2	294	739.410																							
C3	4775	100	8	Stirrups	100	1000	40	1408		8	16	24	32	147	2	294	745.290																							
C3	1350	5400	8	Main Bars	75	0	40	1408		25	50	75	100	28	1	28	182.000																							
C3	4775	100	8	Stirrups	100	1000	40	1408		8	16	24	32	49	1	49	165.375																							
C3	270*370		8	Stirrups	100	1000	40	1408		8	16	24	32	196	1	196	269.500																							
																		381.248																						
																		182.000																						

[illegible]

Total	9.341
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For M/s. SIMHAA CONSTRUCTIONS


(KAN RAJU)
Managing Partner

RA 60 - NE & SW - Head Rooms - BBS SCHEDULE - Shear Wall @ +44.2 Lvl

S. No	Member	Size		Bar Detail	Dia	Spacing of Bar	Cover	Overlap	Bar Shape	Bend Deductions			Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)				
		L (mm)	B (mm)							45°	90°	135°		No. of Bars	No. of Sides	Total Bars		8mm	10mm	12mm	16mm	25mm
1	P1	3400	500	5400	12	100	20	528	10 - 4000 - 500	40	56	48	5.928	32	2	68	403.104					
				Main bars (vertical)																		
									4 - 10000 - 500	20	20	40	8.760	54	2	54	473.040			473.04		
				Distributional bars (horizontal)	10	100																
2	P2	3400	200	5400	12	100	40	528	10 - 4000 - 500	40	56	48	5.928	32	2	68	403.104					
				Main bars (vertical)																		
									4 - 10000 - 500	20	20	40	8.560	54	2	54	462.240			462.24		
				Distributional bars (horizontal)	10	100																
3	P3	3400	300	5400	12	100	40	528	10 - 4000 - 500	40	56	48	5.928	32	2	68	403.104					
				Main bars (vertical)																		
									4 - 10000 - 500	20	20	40	8.760	54	2	54	473.040			473.04		
				Distributional bars (horizontal)	10	100																
4	P6	3400	200	5400	12	100	30	528	10 - 4000 - 500	40	56	48	5.928	32	2	68	403.104					
				Main bars (vertical)																		
									4 - 10000 - 500	20	20	40	8.560	54	2	54	462.240			462.24		
				Distributional bars (horizontal)	10	100																
5	P7	3400	200	5400	12	100	40	528	10 - 4000 - 500	40	56	48	5.928	32	2	68	403.104					
				Main bars (vertical)																		
									4 - 10000 - 500	20	20	40	8.560	54	2	54	462.240			462.24		
				Distributional bars (horizontal)	10	100																
5	P8	3400	300	5400	12	100	40	528	10 - 4000 - 500	40	56	48	5.928	32	2	68	403.104					
				Main bars (vertical)																		
									4 - 10000 - 500	20	20	40	8.760	54	2	54	473.040			473.04		
				Distributional bars (horizontal)	10	100																
6	P11	3975	300	5400	12	100	20	528	10 - 4000 - 500	40	56	48	5.928	32	2	78	462.384					
				Main bars (vertical)																		
									4 - 10000 - 500	20	20	40	8.760	54	2	78	462.384			462.384		
				Distributional bars (horizontal)	10	100																

For M/s. SIMHAA CONSTRUCTIONS


(KAN RAJU)
Managing Partner

RA 60 - NE & SW - Head Rooms - BBS SCHEDULE - Shear Wall @ +44.2 Lvl																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
S. No.	Member	Size			Bar Detail		Dia		Specimen of Bar		Cover		Bar Shape			Bend Deductions			Cutting Length		No. of Bars				Total Length		Total Length with Dia. (mm)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
		L (mm)	B (mm)	H (mm)	Particular Placing of Bar	mm	mm	r	p	mm	mm	mm	mm	No. of Bars	No. of Sides	Total	m	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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For M/s. SIMHAA CONSTRUCTIONS


(KAN RAJU)
Managing Partner

RA 60 - NE & SW - Head Rooms - BBS SCHEDULE- Roof Beam (All dimension are in mm)																												
Member	Size			Bar Detail	Dia	Spacing of Bar	Head Depth Length	Head Cover	Bar Shape	Bend Dimensions				Cutting Length	No. of Bars			Total Length	Total Length with Dia. (mm)									
	L (mm)	B (mm)	H (mm)							Particular Placing of Bar	mm	45°	90°		135°	180°	No. of Bars		No. of Members	Total Nos.	m	8	10	12	16	20	25	32
131	12100	300	625	Top Main	25 mm				363 2 90° bends 12050	25	75	75	100	13.775	2	1	2	27.550					27.550					
				Bot Main	25 mm				363 2 90° bends 12050				100	13.775	2	1	2	27.550					27.550					
				Top extra	20 mm				1750				80	1.750	2	1	2	3.500				3.500						
				Top extra	16 mm				2915				75	2.915	2	1	2	5.830				5.830						
				Bot Extra	20 mm				2915 1 90° bends 11900				80	2.915	2	1	2	5.830					5.830					
130	625	11450	100 mm c/c	Straps	8 mm				363 2 90° bends 1750	25	75	75	100	1.746	12	1	121	211.266										
									363 2 90° bends 1750				100	2.395	2	1	2	4.790					4.790					
200	625	1370	100 mm c/c	Bot. Main	20 mm				363 2 90° bends 900	25	75	75	100	2.395	2	1	2	4.790					4.790					
				Straps	8 mm				575 1 90° bends 1500				80	1.546	15	1	15	23.190					23.190					
133	11275	300	625	Top Main	25 mm				363 2 90° bends 11225	25	75	75	100	11.850	2	1	2	23.700					23.700					
				Bot Main	25 mm				363 2 90° bends 11225				100	11.850	2	1	2	23.700					23.700					
				Top extra	20 mm				1850				80	1.850	2	1	2	3.700				3.700						

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

RA 60 - NE & SW - Head Rooms - BBS SCHEDULE- Roof Beam (All dimension are in mm)

Member	Size			Bar Detail	Dia	Spacing @ 100 mm	Beam Depth Length	Bar Overlap	Bar Shape	Rod Dimensions			Cutting Length	No. of Bars			Total Length m	Total Length with Dia. (m)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	L (mm)	B (mm)	H (mm)							Particular Placing of Bar	45°	90°		135°	180°	(mm)		No. of Bars	No. of Members	Total Nos.	8	10	12	16	20	25	32																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
300	2065			Top Extra	16 mm			25		2015	0	16	0	0	2.015	2	1	2	5.830																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

For M/s SIMHAA CONSTRUCTIONS

(KAM RAJU)
Managing Partner

RA 60 - NE & SW - Head Rooms - BBS SCHEDULE- Roof Beam (All dimension are in mm)																																
Member	Size			Bar Detail	Dia	Spacing of Bar	Bar Length	Cover	Bend Char	Bar Shape	Bend Deduction				Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)												
	L (mm)	B (mm)	H (mm)								Particular Placing of Bar	mm	mm	mm		mm	45°	30°		15°	180°	No. of Bars	No. of Members	Total Nos.	m	8	10	12	16	20	25	32
200				Bot Main	20 mm					6850	20	40	60	80	6.850	2	1	2	13.700					13.700								
	1125			Top extra	16 mm					1075	16	32	48	64	1.075	2	1	2	2.150				2.150									
	1150			Top extra	16 mm					1100	16	32	48	64	1.100	2	1	2	2.200				2.200									
	625	5500	100 mm c/c	Stirrups	8 mm					90	8	16	24	32	1.546	56	1	56	86.576	86.576												
338				Top Main	25 mm					6850	25	50	75	100	7.475	2	1	2	14.950						14.950							
	6600	3600	625	Bot Main	25 mm					6850	25	50	75	100	7.475	2	1	2	14.950						14.950							
	1950			Top Extra	16 mm					1080	16	32	48	64	2.281	2	1	2	4.561				4.561									
	1950			Top extra	16 mm					1080	16	32	48	64	2.313	2	1	2	4.625				4.625									
300				Stirrups	8 mm					90	8	16	24	32	1.746	64	1	64	111.744	111.744												
	625	6300	100 mm c/c							575	8	16	24	32																		
				Top Main	25 mm					6930	25	50	75	100	7.555	2	1	2	15.110						15.110							
				Bot. Main	25 mm					6930	25	50	75	100	7.555	2	1	2	15.110						15.110							
339				Top extra	16 mm					2795	16	32	48	64	3.158	2	1	2	6.315				6.315									
	2795			Top Extra	16 mm					2795	16	32	48	64	2.826	2	1	2	5.651				5.651									
	2495									90																						
For M/s. SIMHAA CONSTRUCTIONS 5.651 5.651																																

For M/s. SIMHAA CONSTRUCTIONS

5.651

Managing Partner

RA 60 - NE & SW - Head Rooms - BBS SCHEDULE- Roof Beam (All dimension are in mm)

Member	Size			Bar Detail	Dia	Spacing of Bar	Bend Depth (mm)	Cover (mm)	Bend Overlap (mm)	Bar Shape	Bend Deductions			Cutting Length	No. of Bars			Total Length m	Total Length with Dia. (m)										
	L (mm)	B (mm)	H (mm)								Particular Placing of Bar	4d	3d		18d	No. of Bars	No. of Members		Total Nos.	8	10	12	16	20	25	32			
																											mm		
300	625	4880	100 mm c/c	Stirrups	8 mm	100 mm c/c	25	25		 250 500 190 bends	575	3	0	12	0	1746	40	1	50	87300									
B1	5650	7500	625	Top Main	20 mm		25	25		 363 5600 190 bends	0	20	40	60	90	5923	2	1	2	11845				11845					
S-W				Bot. Main	20 mm		25	25		 363 5600 190 bends	0	20	40	60	90	5923	2	1	2	11845				11845					
	1695			Top extra	16 mm		25	25		 363 1605 96 bends	0	16	32	48	64	2058	2	1	2	4115				4115					
300	625	5150	100 mm c/c	Stirrups	8 mm	100 mm c/c	25	25		 363 250 250 bends	575	3	0	12	0	1746	40	1	50	92538									
B2	1250	200	625	Top Main	25 mm		25	25		 363 1200 290 bends	363	25	50	75	100	1825	2	1	2	3650					3650				
				Bot. Main	25 mm		25	25		 363 1200 290 bends	363	25	50	75	100	1825	2	1	2	3650					3650				
200	625	750	100 mm c/c	Stirrups	8 mm	100 mm c/c	25	25		 363 150 96 bends	575	3	0	12	0	1546	40	1	9	13914					13914				
B3	5650	200	625	Top Main	16 mm		25	25		 363 5600 90 bends	5600	20	40	60	80	5600	4	1	4	22400				22400					
				Bot. Main	16 mm		25	25		 363 5600 90 bends	5600	20	40	60	80	5600	2	1	2	11200				11200					
	2400			Top extra	16 mm		25	25		 363 2350 90 bends	2350	16	32	48	64	2350	2	1	2	4700				4700					
	2500			Top extra	20 mm		25	25		 363 2450 90 bends	2450	20	40	60	80	2450	2	1	2	4900									
200	625	4650	100 mm c/c	Stirrups	8 mm	100 mm c/c	25	25		 363 150 96 bends	575	3	0	12	0	1546	40	1	48	74208					74208				

For M/s. SIMHAA CONSTRUCTIONS

4900

(KAN RAJU)

Marbong Partner

RA 60 - NE & SW - Head Rooms - BBS SCHEDULE- Roof Beam (All dimension are in mm)																										
Member	Size			Bar Detail	Dia	Spacing 60 mm	Bent Deep Length	Cover Overlap	Bar Shape	Bent 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	40	30		130	180	No. of Bars		No. of Members	Total Nos.	8	10	12	16	20	25	32
B4	4500	300	625	20 mm			25	0	363 1 000 heads 6175	80	40	130	180	4.773	4	1	4	19.090				19.090				
	6175	200	625	20 mm			25	0	363 1 000 heads 4150	20	40	130	180	6.498	4	1	4	25.990				25.990				
				20 mm				0	363 1 000 heads 6175	20	40	130	180	4.773	4	1	4	19.090				19.090				
				20 mm				0	363 1 000 heads 6175	20	40	130	180	6.498	4	1	4	25.990				25.990				
300	625	3400	100 mm c/c	Surrips	8 mm	100 mm c/c	25	0	575 250	30	60	25	12	1.746	30	1	30	68.094	68.094							
	625	4575	100 mm c/c	Surrips	8 mm	100 mm c/c	25	0	575 150	30	60	25	12	1.546	42	1	42	64.932	64.932							
B5	7200	300	625	25 mm			25	0	363 2 500 heads 7150	25	50	130	180	7.775	2	1	2	15.550						15.550		
				25 mm				0	363 2 500 heads 7150	25	50	130	180	7.775	2	1	2	15.550						15.550		
				16 mm					363 1 000 heads 2515	60	72	45	72	2.876	2	1	2	5.751			5.751					
				16 mm					363 0 000 heads 1845	30	35	48	52	2.208	2	1	2	4.415				4.415				
300	625	6100	100 mm c/c	Surrips	8 mm	100 mm c/c	25	0	575 250	30	60	25	12	1.746	62	1	62	108.252	108.252							
B6	1650	200	625	25 mm			25	0	363 1 000 heads 1600	25	50	130	180	1.913	2	1	2	3.825						3.825		
				25 mm				0	363 1 000 heads 1600	25	50	130	180	1.913	2	1	2	3.825						3.825		
For M/s. SIMHAA CONSTRUCTION																										

For M/s. SIMHAA CONSTRUCTIONS
(KAN KAJU)
Managing Partner

RA 60 - NE & SW - Head Rooms - BBS SCHEDULE- Roof Beam (All dimension are in mm)

Member	Size			Bar Detail	Dia	Spacing of Bar	Bond Devlop 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)								Particular Placing of Bar	45°	90°	135°		180°	No. of Bars	No. of Members		Total Nos.	8	10	12	16	20	25	32																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
200	625	1150	100 mm c/c	Top Extra	20 mm	100 mm c/c				363 2 90 bends 1140 96	20	40	40	00	1.463	2	1	2	2.925																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

For M/s. SIMHAA CONSTRUCTIONS



Managing Partner

RA 60 - NE & SW - Head Rooms - BBS SCHEDULE- Roof Beam (All dimension are in mm)																								
Member	Size			Bar Detail	Dia	Spacing on Bar	Head Depth Length	Head Length (over lap)	Bar Shape	Reinforcement			Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)						
	I (mm)	B (mm)	H (mm)							1#	2#	3#		No. of Bars	No. of Members Nos.	Total Nos.		8	10	12	16	20	25	32
																Total	2.628							

For M/s. SIMHAA CONSTRUCTIONS


ARUN RAJAN
Managing Engineer

RA 60 - NE & SW - Head Rooms - Slab reinforcement BBS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
S No	M No	Size			Bar Detail	Dia	Spacing Or Bar	Bend Dev Length	Cross Overlap	Bd Slope	Bend Deductions				Cutting Length	No. of Bars		Total Length	Total Length with D.L. 10%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		L (mm)	B (mm)	H (mm)							4d	6d	12d	8d		No. of Bars	No. of Members		Total No.	8	10	12	14	16	18	20	22	24	26	28	30																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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1	D.I-D.6 5.1-5.3	6565	6850	175	Cranked bar X	8 mm	250			20	4 Cranks	8	16	24	32	6726	26	1	26	174876																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														</

For M/s. SIMHAA CONSTRUCTIONS

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(KAR KATU)
Managing Director

RA 60 - NE & SW - Head Rooms - Slab reinforcement BBS

S.No	Member	Size		Bar Detail	Dia	Spacing C/C Bar	Head Depth Length	Head Crane Overlap	Bar Steps	Head Deductions				Cutting Length	No. of Bars			Total Length	Total Length with Dev. (mm)											
		L X B (mm)	H (mm)							4d	6d	13d	18d		No. of Bars	No. of Members	Total Bars		m	8	10	12	16	20	25	32				
	X for no.s	1580	1662	Plain Bar	8 mm				6635				6635	13	X 1 =	13	86 255	86 255												
	Y for no.s	3453	2915	Extra bars @ Y	8 mm				4360				4360	5	X 1 =	5	21 800	21 800												
				Supporting bars @ X	8 mm	125			3250				3250	33	X 1 =	33	107 250	107 250												
3	D.4-D.6 S.I	1425	3246	175	Cranked bar X	250	20		4 Cranks	8	16	24	32	1586	13	X 1 =	13	20 618	20 618											
	300	450			Plain Bar	8 mm			1650					1425	12	X 1 =	12	17 100	17 100											
	X C/C	675	750	750	Extra bars X	8 mm			1455					1455	5	X 1 =	5	7 275	7 275											
	300	200			Supporting bars Y	8 mm	125							3050	9	X 1 =	9	27 450	27 450											
	Y C/C	1523	1776	1776	Cranked bar @ Y	8 mm	250	20		4 Cranks	8				3461	5	X 1 =	5	17 305	17 305										
	X for no.s	525	525	525	Plain Bar	8 mm				3330					3300	4	X 1 =	4	13 200	13 200										
	Y for no.s	1373	1676	1676	Extra bars @ Y	8 mm				2330					2330	2	X 1 =	2	4 660	4 660										
				Supporting bars @ X	8 mm	125			1050					1050	17	X 1 =	17	17 850	17 850											

SW Head Room

4	A.0-A.2 1.1-2.1 300	3724	6896	175	Cranked bar X	8 mm	250	20	4 Cranks	3950	8	16	24	32	3886	26	1	26	101 036						
					Plain Bar																				
				200		8 mm				3725					3725	25	1	25	93 125						

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

RA 60 - NE & SW - Head Rooms - Slab reinforcement BBS

S.No.	Member	Size		Slab Area Area of slab	Dia	Spacing or Bar	Bend Dev Length	Bar Shape	Bend Description			Cutting Length	No. of Bars			Total Length	Total Length with Dia mm						
		L.A. mm	B.A. mm						15	60	155	180	No. of Bars	No. of Members	Extra Nos.		8	10	12	16	20	25	32
	X C/C	1863	1861	EMED bars X	8 mm			2485				2485	10	1	10	24,850	24,850						
	300	230	300	Supporting bars Y	8 mm	125		6365 4 Cranks				6365	20	1	20	127,300	127,300						
	Y C/C	3765	3131	Cranked bar of Y	8 mm	250	20	7120				7056	15	1	15	105,840	105,840						
	X for nos	1713	1761	Plan Bar	8 mm			6895				6895	14	1	14	96,530	96,530						
	Y for nos	3500	2866	Extra bars of Y	8 mm			4670				4670	6	1	6	28,020	28,020						
				Supporting bars of X	8 mm	125		3475				3475	34	1	34	118,150	118,150						
5	A.1-A.2 2.1-2.3 SI	5400	6930	Cranked bar X	8 mm	250	20	5510 2 Cranks				5478	27	1	27	147,906	147,906						
	200		300	Plan Bar	8 mm			5400				5400	26	1	26	140,400	140,400						
	X C/C	2825	2575	Extra bars X	8 mm			3790				3790	10	1	10	37,900	37,900						
	300	230	230	Supporting bars Y	8 mm	125		6435 2 Cranks				6435	28	1	28	180,180	180,180						
	Y C/C	3765	3165	Cranked bar of Y	8 mm	250	20	7040				7008	22	1	22	154,176	154,176						
	X for nos	2725	2425	Plan Bar	8 mm			7060				7060	21	1	21	148,260	148,260						
	Y for nos	3500	2935	Extra bars of Y	8 mm			4655				4655	9	1	9	41,895	41,895						
				Supporting bars of X	8 mm	125		5400				5400	34	1	34	183,600	183,600						

For M/s. SIMHAA CONSTRUCTIONS


 Managing Partner

RA 60 - NF & SW - Head Rooms - Slab reinforcement BBS																							
S.No	Member	Node			Bar Detail	Dia	Span Or Bar	Bend Depth Length	Bend Cover/Offset	Bar Shape	Bend Deductions				Cutting Length	No. of Bars	Total Length	Total Length with Dia (m)					
		UCC offset	UCC offset	H offset							top	top	top	top				4S	6S	12S	18S		
Total Length 3687.322 0.000 0.000 0.000 0.000 0.000 0.000 0.000																	Unit Weight In (Kg/m) 0.395 0.617 0.888 1.579 2.467 3.855 6.316						
Weight In (KG) 1456.492 0.000 0.000 0.000 0.000 0.000 0.000 0.000																	Weight In (TON) 1.456 0.000 0.000 0.000 0.000 0.000 0.000						
Total Weight In (TON) 1.456 MT																							

For M/s. SIMHAA CONSTRUCTIONS


(KAN RAJU)
Managing Partner