

Construction division.
Advice for giving credit to contractors/suppliers.

Sl. No. – site bills register		56	Date - site bills Register		15-02-2022		
Company Name:		GVDC	Site:		GENOPOLIS		
Name of Contractor		SURASANI INFRA					
Nature of work		RCC Work & CIVIL WORK OF SOLVENT STORES					
Work done		From Date		To Date			
Sl. No.	Villa/Flat/block no.	Qty.	Rate	Units	Amount	Contractors bill no	
1.	Brickwork under pinto	340	10	SFT	3,400		
	PCC	458	10	SFT	4,583		
	Footings	992	60	SFT	59,505		
2.	Colo	297	60	SFT	17,820		
	Pinto Beams	729	65	SFT	32,822		
3.	Tie Beams	679	65	SFT	44,119		
	G.I.	660	65	SFT	42,900		
4.	Slab- Beams	639	65	SFT	41,535		
	Slab	1,053	65	SFT	68,445		
5.	Total				3,11,728		
6.	64 Brickwork	2,534	24	SFT	60,804		
	Making	649	1	SFT	649		
7.	Plastering Internal	5,580	22	SFT	1,22,176		
	Plastering External	3,492	24	SFT	83,800		
8.	Tie Beams	428	60	SFT	25,680		
	Plastering	1,421	22	SFT	31,262		
9.	Total				6,31,514		
	Profit + Supervision	15%			94,727		
10.	GST 18%				1,30,723		
11.	Total:				8,56,965		
Bill required		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO.		GST bill required		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO.	
Measurement & estimate sheet:		<input type="checkbox"/> Required <input type="checkbox"/> Not required		Measurement & estimate sheet:		<input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Not enclosed	
PO/WO no.				PO/WO date:			
Remarks :							
Approved by Project Manager		Approved by Design Team		Approved by M.D.			
Date: 11/02/2022.		Date:		Date:			
Sign:		Sign:		Sign:			

Notes: 1. This advice must be sent within 7 days of completing work. 2. This form can be used for certifying labour bills, bills for hire charges, earth work, turnkey civil contractors. 3. Wherever not applicable – fill NA. 4. Estimate and measurement sheets are not required for turnkey jobs where guideline rates are clearly given.

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PROJECT MANAGER
G.V.D.C.

GV Discovery Centres pvt ltd Solvent Shuttering Estimate-Ver1 28-01-2022.xlsx

Summary

Estimate Summary				
Company Name:		GVDC		
Project:		Genopolis		
Estimate of:		Summary		
Construction type		solvent store		
Date:		28-01-2022		
Brochure area		950		
Item Head	Item	Amount in Rs. lacs	Rate/sft	Sub -total
RCC - Structure				
	Earth work	3,400	3.58	
	RCC works	3,11,728	328.13	331.71
Civil Work				
	Civil Works	2,85,135	300.14	
	Water proofing - terrace	31,251	32.90	
	Sub total A	6,31,514	665	332
	Add Supervision. 3%	18,945		
	Add Profit 12%	75,782		
	Total	7,26,242		764
	Say	7,26,242		764.46
	Add GST@18%	8,56,965		902.07

S. G. Varur
31/01/22

Bharat Varur

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Earth Work

Estimate Sheet # 2									
Company Name:		GVDC							
Project:		Genopolis							
Estimate of:		Earth work							
Construction type		solvent store							
Date:		28-01-2022							
Brochure area		950							
					Labour	Material			
S.No.	Item Head	Item Description	Quantity	Units	Rate	Rate	Material Amount	Item Head Total	Labour only
1	Manual excavation of pits up to 5'0 depth - 30%		-	cft	7.00	-	-	-	-
2	Bulk excavation by JCB - 70%		-	cft	1.50	-	-	-	-
3	Mohrum filling		-	cft	1.50	-	-	-	-
4	Sand filling		-	cft	1.50	-	-	-	-
5	Pits P.C.C Work 6"			sft	5.00	-	-	-	-
6	Pits Backfilling upto plinth bottom level			cft	2.00	-	-	-	-
7	Excavation for brick work under plinth			cft	7.00	-	-	-	-
8	12" brickwork under plinth		340	sft	10.00	-	-	-	3,400
9	Backfilling of Plinth Beams, Levelling and Final Compac		-	cft	3.00	-	-	-	-
10	Earth filling - Mohrum		-	cft	1.50	-	-	-	-
11	PCC at plinth level + portico			sft	5.00	-	-	-	-
12	Site cleaning		-	LS	1.00	-	-	-	-
14	Labour LS		-	no	-	0	-	-	-
Total							-	-	3,400
Note:	Material + Labour - Total								3,400

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GV Discovery Centres pvt ltd Solvent Shuttering Estimate-Ver1 28-01-2022.xlsx
Civil Work

Estimate Sheet # 3								
Company Name:		GVDC						
Project:		Genopolis						
Estimate of:		Civil work						
Construction type		solvent store						
Date:		28-01-2022						
Brochure area		950.00						
S.No.	Item Head	Item Description	Quantity	Units	Labour Rate	Material Rate	Amount	Item Head Total
1	Ground floors							
2		4" Brick work	-	sft	-	-	-	
3		6" Brick work	2,534	sft	24	-	60,804	
4		Hacking	649	sft	1	-	649	
5		Plastering walls- Internal	5,580	sft	22	-	1,22,763	
6		Plastering walls- External	3,492	sft	24	-	83,800	
7		Plastering ceiling	-	sft	-	-	-	
8		Tie beams	428	rf	-	40.00	17,120	
9		Sub-total A	-	-	-	-	-	2,85,135
10	Ground floor							
		All floors - labour rate			-	-	-	2,85,135
		Total						2,85,135
Water proofing								
S.No.	Item Head	Item Description	Quantity	Units	Labour Rate	Material Rate	Amount	Item Head Total
1	Slabs water proofing		1,421	sft	-	22.00	31,251	approx
	Total							31,251

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GV Discovery Centres pvt ltd Solvent Shuttering Estimate-Ver1 28-01-2022.xlsx
R C C Estimate

Estimate Sheet # 2														
Company Name:		GVDC												
Project:		Genopolis												
Estimate of:		RCC work												
Construction type:		solvent store												
Date:		28-01-2022												
Brochure area:		950												
S No.	Description	Cement Concrete - cft			Steel - Kgs			Centre Area - sft / cft			Amount			
		Quantity	Rate/cft	Total A	Quantity	Rate	Total B	Quantity	Rate	Total C	Steel & CC wastage	Total A + B + wastage		
1	PCC													
2	Footings							458	10.00	4,583	-	4,583		
3	Col 0							992	60.00	59,505	-	59,505	64,088	67
4	Plinth Beams							297	60.00	17,820	-	17,820		-
5	Tie Beams							729	45.00	32,822	-	32,822		-
6	Col 1							679	65.00	44,119	-	44,119		-
7	Slab1- Beams							660	65.00	42,900	-	42,900		-
8	Slab							639	65.00	41,535	-	41,535	1,79,196	189
9	Labour rate							1,053	65.00	68,445	-	68,445		-
	Total							-	-	-	-	-		-
	Rate per sft							5,507		3,11,728	-	3,11,728	2,43,283	256
	Note: 5% wastage added for concrete							5.80		328.13	-	328.13		
	5% steel wastage added for steel													

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Earth Work EstimationGV Discovery Centres pvt ltd Solvent Shuttering Estimate-Ver1 28-01-2022.xlsx

Estimate#1													
Company Name:		GVDC											
Project:		Genopolis											
Work Description:		solvent store											
Prepared By:		rajesh											
Date:		28 January 2022											
Excavation for footings													
S No.	Item	Length in ft	Width in ft	Height in ft	Quantity in cft								
1	Large pit 1	0.00	29.50	5.00	-								
2	Large pit 2	0.00	5.00	0.50	-								
3	Sub Total - A				-								
S No.	PCC for footings	Length in ft	Width in ft	Height in ft	Quantity in cft	Grid A	Grid B	Grid C	Grid D	Grid E	Total numbers	Total PCC	Total PCC
1	Footings- F 1	6.50	6.50	0.50	21.13	3.00	1.00	-	3.00	-	7.00	148	296
2	Footings-F2	12.50	6.50	0.50	40.63	-	2.00	-	-	-	2.00	81	163
3	Sub total - B										9.00	229	458
Brck under Plinth		Length in ft	Width in ft	Height in ft	Quantity in sft								
2	1 layer brck 12" Width	195	1.00	1.00	195								
3	Sub Total - C				195								
Assumptions													
1 Excavation depth taken as 4" PCC + 1.5' footing, 1.5' pedestal, 5' col 0, 1' plinth.													
2 Backfilling of soil to be done with layers of 300 mm to 50mm depth then compaction and rolling to be done on each layer													
3 Plinth beam rft taken from plinth beam calculations.													
4 Qty's for back fill was taken from RCC estimates													
5 Plinth beam top is assumed to be at NGL													

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GV Discovery Centres Pvt Ltd Solvent Shuttering Estimate-Ver1 28-01-2022.xlsx
Footings and Columns

Estimate#2
 Company Name: G V Discovery Centre Pvt Ltd
 Project: Genopolis
 Work Description: Solvent Shuttering Estimate
 Prepared By: Rajesh Babu
 Date: 28-01-2022

Footings, Pedestals and Columns.

S No.	Item	Type	Size	Centering Qty in Sft	Units	Concrete qty in cft	Number of footings, pedestals, columns in each grid.				Total numbers	Total Centering qty	Total Concrete qty
							Grid A	Grid B	Grid C	Grid D			
1	Footings	F1	6'5" X 6'5" X 1'5"	81.25	SFT	-	3	1	-	3	7	569	-
2	Footings	CF	12'0" X 6'6" X 1'5"	211.50	SFT	-	-	2	-	2	423	-	
Subtotal A- for footings													
							3	3	-	3	9	992	-
6	Col 0	C1	9" X 1'6" X 6"	27.00	SFT	-	-	-	-	-	-	-	-
7	Col 0	C2	9" X 1'6" X 6"	27.00	SFT	-	-	5	-	3	11	297	-
Subtotal C- for Col 0													
							-	-	-	-	-	-	-
9	Col 1	C1	9" X 1'6" X 13"	60.00	SFT	-	-	-	-	-	-	-	-
10	Col 1	C2	9" X 1'6" X 13"	60.00	SFT	-	3	5	-	3	11	660	-
Subtotal D- for Col 1													
							-	-	-	-	-	-	-
Slab Area											11	660	-

S No.	Item	Thickness	Slab area from ACAD in sft	Slab deduction for ducts in sft	Slab deduction for staircase in sft	Slab deduction for lift in sft	Slab other deduction in sft	Add Waist/staircase slab area in sft	Net slab area in sft	Slab Perimeter from ACAD in rft	Slab perimeter addition for ducts in rft	Slab perimeter addition for staircase in rft	Slab perimeter addition for lift in rft	Slab perimeter other addition in rft	Add Waist/staircase perimeter in sft	Net perimeter in rft	Centering area in sft	Concrete qty in cft	
1	Slab 0	0																	
2	Slab 1	0.500	950	-	-	-	-	0	950	103									
6 Subtotal A- for Slabs										950					0	103	1.053		

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GV Discovery Centres pvt ltd Solvent Shuttering Estimate-Ver1 28-01-2022.xlsx
Brickwork & Plastering

Company Name: GVDC
 Project: Genopolis
 Work Description: Brick Work & Plastering
 Prepared By: Rajesh Babu
 Date: 28 January 2022

Formula															
		A	B	C	D	E	A*B - C	B*B - D	H	I	J	K = A*J - B* J-C-2- D/2*1 or 2 -(H*J)		M = A*L - B* L-C-2- D/2*1 or 2 -(H*L)	
BW & Plastering		Units	Rft	Rft	Rft	Rft	Ft	Sft	Sft	Rft	Rft	Ft	Sft	Ft	M
S.No	Item Description	Grnd	4" wall	6" wall	Deduction for opening -4"	Deduction for opening -6"	Average height of Brickwork	Area of 4" wall	Area of 6" wall	Column face for internal plastering	Column face for external plastering	Plastering height - internal	Plastering Internal area	Plastering External height	Plastering External Area
1	Ground Floor	Grnd-1		36.00			14.00	-	385	5.25	5.75	15.50	580	16.00	609
2		Grnd-2		36.00			13.00	-	355	5.00		15.50	1,081	16.00	520
3		Grnd-3		36.00			14.00	-	441		5.75	15.50	1,053	16.00	637
4		Grnd-A		26.50			14.00	-	340	3.00	3.50	15.50	442	16.00	464
5		Grnd-B		26.50			13.00	-	345			15.50	822	16.00	424
6		Grnd-C		26.50			13.00	-	298			15.50	775	16.00	401
7		Grnd-D		26.50			14.00	-	371	0.50	0.90	15.50	829	16.00	438
Subtotal -A			-	214	-	374	95	-	2,534	14	16	109	5,580	112	3,492

S.No	Item Description	Grnd	Columns	Beams		
1	Ground Floor	Grnd-1	92.00	36.00	2.00	72.00
2	Hacking Beams & Col	Grnd-2		36.00	2.00	72.00
3		Grnd-3	92.00	36.00	2.00	72.00
4		Grnd-A	49.00	26.50	2.00	53.00
5		Grnd-B		26.50	2.00	53.00
6		Grnd-C		26.50	1.00	26.50
7		Grnd-D	14.40	26.50	2.00	53.00
Subtotal -A			247			401.50

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GV Discovery Centres pvt ltd Solvent Shuttering Estimate-Ver1 28-01-2022.xlsx
Slabs and beams

Estimate#3						
Company Name:		GVDC				
Project:		Summary				
Work Description:		solvent store				
Prepared By:		Rajesh Babu				
Date:		28 January 2022				
Beam Size		9" x 18"	9" x 15"			
Centering area in sft per rft		3.75	3.75			
Concrete area in cft per rft		0.75	0.94			
S no	Floor	Grid No	Beam length in rft	Beam length in rft	Centering area in sft	Concreting qty in cft
Plinth Beam						
1	Plinth Beam	Grid 1 (A-D)	35.00		131	26
2	Plinth Beam	Grid 2 (A- D)	35.00		131	26
3	Plinth Beam	Grid 3 (A - D)	35.00		131	26
4	Plinth Beam	Grid- A 1TO 3	26.00		98	20
5	Plinth Beam	Grid- B 1TO 3	26.00		98	20
6	Plinth Beam	Grid- C 2TO 3	11.50		43	9
7	Plinth Beam	Grid D (1 - 3)	26.00		98	20
Subtotal A - Plinth Beam			-		729.38	-
Tie beams-1						
1	Tie Beam	Grid 1 (A-D)	35.00		131	26
2	Tie Beam	Grid 2 (A- D)	35.00		131	26
3	Tie Beam	Grid 3 (A - D)	35.00		131	26
4	Tie Beam	Grid- A 1TO 3	26.00		98	20
5	Tie Beam	Grid- D 1TO 3	26.00		98	20
6	Tie Beam	Grid- B 2TO 3	12.00		45	9
7	Tie Beam	Grid- C 2TO 3	12.00		45	9
Subtotal A - Plinth Beam			194.50		678.75	-
Slab-1						
1	Slab 1 Beams	Grid 1 (A-D)	35.00		131	26
2	Slab 1 Beams	Grid 2 (A- D)	35.00		131	26
3	Slab 1 Beams	Grid 3 (A - D)	35.00		131	26
4	Slab 1 Beams	Grid- A 1TO 3	26.00		98	20
5	Slab 1 Beams	Grid- B 1TO 3	26.00		98	20
6	Slab 1 Beams	Grid- C 2TO 3	11.50		43	9
7	Slab 1 Beams	Grid D (1 - 3)	26.00		98	20
Subtotal B - Typical slab					729.38	-

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PROJECT MANAGER

Estimate # 6
 Company Name: GVDC
 Project: Genopolis
 Work Description: Water Proofing estimate- solvent stores
 Prepared By: rajesh
 Date: 28 January 2022

Slabs water proofing

S No.	Item	Size	Discription of work	Slab/floor surface area from ACAD in sft	Slab deduction for ducts in sft	Slab deduction for staircase in sft	Slab deduction lift in sft	Additional area for sides in sft	Net water proofing area in sft
1	Terrace		terrace water proofing	950	-	-	-	471	1.421
2	Subtotal A-			950	-	-	-	471	1.421

Assumptions

- 1) All trrace area taken from autucad and including sides 6" (slope)
- 2) Sides wall taken as rft then multiply with height
- 3)Toilets area calculated including inside 9" & out side 12" wall.
- 4)Utilitv area not taken outside walls.

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