VICHARE DEUSKAR AND ASSOCIATES
Architects & Interior Designers
2575 GF-01, Balshaali Appts, Khasbag,
Mangalwar Peth, Kolhapur -12, Tel : 2644678.

Name of the work : R.A. BILL FF 01 - CONSTRUCTION OF COLLEGE BUILDING for Dr. PADMABHOOSHAN VASANTRAO DADA PATIL MAHAVIDYALAYA " at Taegaon. (FIRST FLOOR WORK)

Contractor : M/s. Darshan Builders

Date : 22/02/2021

Tender Amount Rs = 88,98,006/-

MEASUREMENTS							ABSTRACT					
Sr.No.	Name of the Item	No	Length	Breadth	Depth	Total	Quantity	Unit	Rate	Tender Rate	Per	Amount
1	RCC M:20 for Columns											
		8	0.30	0.30	3.38	2.43						
		29	0.38	0.38	3.38	14.15						
					total =	16.59	16.59	cu.m	12034.95	14141.07	cu.m	2,34,568.00
2	RCC M:20 for Beams and Lintels											
	lintels	13	4.04	0.23	0.30	3.62						
		1	6.40	0.23	0.30	0.44						
		1	5.95	0.23	0.30	0.41						
		2	2.17	0.23	0.30	0.30						
	slab lvl beams	10	4.04	0.23	0.31	2.88						
		5	2.21	0.23	0.33	0.84						
		2	2.17	0.23	0.33	0.33						
		3	5.95	0.23	0.31	1.27						
		4	6.40	0.23	0.31	1.83						
		4	4.19	0.23	0.31	1.19						
		1	4.12	0.23	0.33	0.31						
		2	4.08	0.23	0.33	0.62						
					total =	14.05	14.05	cu.m	10625.10	12484.49	cu.m	1,75,386.00
3	RCC M:20 for Chajjas											
		2	18.20	0.45	0.08	1.23						
		2	13.95	0.45	0.08	0.94						
		1	8.69	0.45	0.08	0.29						
		1	4.42	0.45	0.08	0.15						
					total =	2.61	2.61	cu.m	11979.35	14075.74	cu.m	36,774.00

4	RCC M:20 for Slabs											
		1	6.56	4.66	0.15	4.59						
		1	2.44	8.84	0.13	2.80						
		1	13.49	2.66	0.13	4.66						
		1	13.49	6.86	0.14	12.96						
		1	4.20	6.56	0.14	3.86						
					total =	28.87	28.87	cu.m	12858.40	15108.62	cu.m	4,36,147.00
5	Reinforcement											
	8mm	1	7185.00	-	-	7185.00	2.94	m.t.	65967.40	77511.70	m.t.	2,28,059.00
	10mm	1	1050.00	-	-	1050.00	0.68	m.t.	65967.40	77511.70	m.t.	52,983.00
	12mm	1	575.00	-	-	575.00	0.54	m.t.	65967.40	77511.70	m.t.	41,650.00
	16mm	1	1250.00	-	-	1250.00	2.07	m.t.	65967.40	77511.70	m.t.	1,60,740.00
	20mm	1	422.00	-	-	422.00	1.09	m.t.	65967.40	77511.70	m.t.	84,833.00
	Rate difference for steel											
	(62000-45000= 17000)	1	7.33	-	-	7.33	7.33	m.t.	17000.00	17000.00	m.t.	1,24,610.00
											Sub total =	15,75,760.00
											Add CGST @ 9% =	1,41,818.00
											Add SGST @ 9% =	1,41,818.00
											Net R.A. bill FF 01 =	18,59,396.00

COUNCIL OF ARCHITECTURE
SUNIL VICHARE
B.Arch, A.I.I.A.
REG. No : CA/90/12864

VICHARE DEUSKAR AND ASSOCIATES
Architects & Interior Designers
2575 GF-01, Balshaali Appts, Khasbag,
Mangalwar Peth, Kolhapur -12, Tel : 2644678.

Name of the work : R.A. BILL FF 02 - CONSTRUCTION OF COLLEGE BUILDING for Dr. PADMABHOOSHAN VASANTRAO DADA PATIL MAHAVIDYALAYA " at Tasgaon. (FIRST FLOOR WORK)

Contractor : M/s. Darshan Builders

Date :31/03/2021

Tender Amount Rs = 88,98,006/-

MEASUREMENTS							ABSTRACT					
Sr.No.	Name of the item	No	Length	Breadth	Depth	Total	Quantity	Unit	Rate	Tender Rate	Per	Amount
1	RCC M:20 for Beams and Lintels											
	lintels	12	4.04	0.23	0.30	3.35						
		4	4.12	0.23	0.30	1.14						
		1	3.60	0.23	0.53	0.44						
	midlanding beam	1	4.04	0.23	0.53	0.49						
	slab lvl beams	1	4.35	0.23	0.46	0.46						
		1	3.60	0.23	0.46	0.38						
		2	2.17	0.23	0.33	0.33						
		13	4.04	0.23	0.33	3.99						
		4	4.12	0.23	0.33	1.25						
		5	4.19	0.23	0.33	1.59						
		7	6.40	0.23	0.47	4.84						
		1	3.60	0.23	0.33	0.27						
		1	9.60	0.23	0.33	0.73						
		7	2.17	0.23	0.33	1.15						
					total =	20.41	20.41	cu.m	10625.10	12484.49	cu.m	2,54,795.00
2	RCC M:20 for Chajjas											
		12	4.04	0.46	0.08	1.67						
		12	0.38	0.30	0.08	0.10						
		1	16.48	0.46	1.08	8.15						
		1	4.80	0.46	0.08	0.17						
		1	3.96	0.46	0.08	0.14						
					total =	10.23	10.23	cu.m	11979.35	14075.74	cu.m	1,43,949.00

3	RCC M:20 for Slabs											
		1	4.80	3.88	0.15	2.79						
		7	4.42	6.86	0.14	29.71						
		1	30.94	2.62	0.13	10.54						
		1	4.50	1.50	0.18	1.22						
					total =	44.26	44.26	cu.m	12858.40	15108.62	cu.m	6,68,731.00
4	Reinforcement											
		1	-	-	-	-	8.50	m.t.	65967.40	77511.70	m.t.	6,58,849.00
	Rate difference for steel											
	(62000-45000= 17000)	1	8.50	-	-	8.50	8.50	m.t.	17000.00	17000.00	m.t.	1,44,500.00
5	Brick masonary work											
		21	4.04	0.23	2.76	53.86						
		5	6.40	0.23	2.91	21.42						
		2	5.95	0.23	2.91	7.96						
		1	6.40	0.23	3.05	4.49						
		1	4.12	0.23	2.75	2.61						
		4	4.12	0.23	1.00	3.79						
		2	4.08	0.23	1.00	1.88						
		2	2.17	0.23	2.80	2.79						
		2	2.20	0.23	2.80	2.83						
	Deductions	-4	1.20	0.23	2.10	-2.32						
		-32	1.80	0.23	0.53	-7.02						
		-28	1.80	0.23	1.20	-13.91						
					total =	78.38	78.38	cu.m.	6988.20	8211.14	cu.m.	5,47,733.00
	rate difference for bricks (8.0-5.0=3.0)	1	78.38	500.00	-	39190.00	39190.00	cu.m.	3.00	3.00	cu.m.	1,17,570.00
6	M.S. Grill											
		32	1.80	-	0.53	30.53						
		28	1.80	-	1.20	60.48						
					total =	91.01	91.01	cu.m.	1605.75	1886.76	cu.m.	1,46,136.00
											Sub total =	26,82,263.00
											Add CGST @ 9% =	2,41,404.00
											Add SGST @ 9% =	2,41,404.00
											Net R.A. bill FF 01 =	31,65,071.00
											Net R.A. bill FF 01 + 02 =	50,24,467.00

COUNCIL OF ARCHITECTURE
SUNIL VICHARE
B.Arch, A.I.I.A.
REG. No: CA/90/12684

2017-18

To

The Principal

P.D.V.P. College Tasgaon.

Sub – Regarding R.A Bill for P.D.V.P. College Lab and Classroom.

R/s.

The Construction work of Lab and Classroom building is completed.

The details of bill are as below.

1. Ground Floor	Rs. 5114143.00
2. Ground Floor Extra work	Rs. 324027.00
3. First Floor	Rs. 2589853.00
4. First Floor Extra work	Rs. 201241.00
Total	**Rs. 8229264.00**

Rs. Eighty Two lakh Twenty Nine Thousand Two Hundred Sixty Four Only.

RUSHIKESH CONSTRUCTION
Engineers & Contractors,
Joshi Lane, TASGAON, Dist. Sangli
Ph. (02346) 241101

R.A.BILL

Padamabhushan Dr. Vasantraodada Patil Mahavidyalya, Tasgaon .

(A) College Lab/ Classroom (Ground Floor)

SR. NO	ITEM OF WORK	NO	LENGTH	BREADTH	DEPTH	TOTAL	RATE	PER	AMOUNT
1	Excavatoion for foundation in hard murum including removing the excavated material up to a distance of 50 m. Beyond the building area and stacking and spreading as directed dewatering preparing the bed for the foundation and necessary back filling ramming watering including shoring and strutting etc. complete.	18 11 5 2 6 9 4 12	1.52 1.68 1.83 1.83 2.13 2.13 1.37 1.07	1.52 1.68 1.83 1.83 2.13 2.13 1.37 1.07	1.37 1.37 1.37 1.37 1.37 1.37 1.37 1.37	56.97 42.53 22.94 9.18 37.29 55.94 10.29 18.82			
	Total	--	----	---	---	253.96	283	Cum	71871.00
2.	Providing and laying in situ cement concrete in 1:3:6 of trap/ granite/quartizite/gneiss metal for founfation bedding including bailing out water from work compaction and curing etc complete.	18 11 5 2 6 9 4 12 1 1 1 1	1.52 1.68 1.83 1.83 2.13 2.13 1.37 1.07 9.60 15.30 18.45 5.26	1.52 1.68 1.83 1.83 2.13 2.13 1.37 1.07 18.45 16.31 12.42 3.05	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	4.16 3.10 1.67 0.67 2.72 4.08 0.75 1.37 17.71 24.95 22.92 1.60			
	Total	---	----	----	----	85.70	2470	Cum	211679.00
3.	Providing and laying in situ cement concrete M20 of trap/ granite/quartizite 's metl for R.C.C. footing including bailing out water, from work, compaction, curing and roughening the surface if special finish is to be provided	18 18 11 11 5 5 5 2 2 2 6 6	1.22 0.90 1.37 1.07 1.52 1.22 0.91 1.52 1.22 0.91 1.83 1.52	1.22 0.90 1.37 1.07 1.52 1.22 0.91 1.52 1.22 0.91 1.83 1.52	0.23 0.23 0.23 0.23 0.18 0.18 0.18 0.18 0.18 0.18 0.20 0.20	6.16 3.35 4.75 2.90 2.08 1.37 0.75 0.83 0.54 0.30 4.02 2.77			

R.A.BILL

Padamabhushan Dr. Vasantraodada Patil Mahavidyalya, Tasgaon .

(A) College Lab/ Classroom (Ground Floor) Extra Work

SR. NO	ITEM OF WORK	NO	LENGTH	BREADTH	DEPTH	TOTAL	RATE	PER	AMOUNT
1	Excavatoion for foundation in hard murum including removing the excavated material up to a distance of 50 m. Beyond the building area and stacking and spreading as directed dewatering preparing the bed for the foundation and necessary back filling ramming watering including shoring and strutting etc. complete.	1 2	1.52 1.22	1.52 1.22	1.37 1.22	3.17 3.63			
	Total	---	---	-----	----	6.8	173	Cum	1176.00
2.	Providing and laying in situ cement concrete in 1:3:6 of trap/ granite/quartizite/gneiss metal for founfation bedding including bailing out water from work compaction and curing etc complete.	1 2 1 1	1.52 1.22 4.88 5.26	1.52 1.22 5.62 3.05	0.10 0.10 0.10 0.10	0.23 0.30 2.74 1.60			
	Total	--	---	-----	---	4.87	3581	Cum	17440.0
3.	Providing and laying in situ cement concrete M20 of trap/ granite/quartizite 's metl for R.C.C. footing including bailing out water, from work, compaction, curing and roughening the surface if special finish is to be provided.	1 1 2 2	1.20 0.9 0.9 0.61	1.20 0.90 0.90 0.61	0.23 0.23 0.23 0.23	0.33 0.19 0.37 0.17			
	Total	--	----	----	-----	1.06	4989	Cum	5288.00

R.A.BILL

Padamabhushan Dr. Vasantraodada Patil Mahavidyalya, Tasgaon .

(B) College Lab/ Classroom (First Floor)

SR. NO	ITEM OF WORK	NO	LENGTH	BREADTH	DEPTH	TOTAL	RATE	PER	AMOUNT
1.	Providing and casting in situ cement concrete M20 of trap/ granite/quartzite's metal for R.C.C. column as per detailed designs and drawing or as directed including centering from work compaction and roughening the surface I b special finish is to be provided and curing complete excluding reinforcement. (Plinth to slab Bottom)	18 11 5 2 6 9 4 3	0.23 0.23 0.23 0.23 0.305 0.23 0.23 0.23	0.45 0.45 0.53 0.53 0.61 0.61 0.38 0.23	3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5	6.52 3.98 2.13 0.85 3.91 4.42 1.22 0.56			
	Total	---	---	----	---	23.59	6880	Cum	162299.
2.	Providing and casting in situ cement concrete M20 of trap/ granite/quartzite's gneiss metal for R.C.C lintal beams as per detailed designs and drawing or as directed including centering from work compaction and roughening the surface id special finish is to be provided and curing complete excluding reinforcement.	1 1 1 1 1 1 1 1 2 1 1 1 1 1 1	33.85 38.07 8.09 6.71 4.88 6.79 2.75 3.00 16.04 10.98 10.68 7.04 8.40 10.52 11.50	0.23 0.23 0.23 0.23 0.23 0.23 0.23 0.23 0.23 0.23 0.23 0.23 0.23 0.23 0.23	0.305 0.305 0.305 0.305 0.305 0.305 0.305 0.305 0.305 0.305 0.305 0.305 0.305 0.305 0.305	2.37 2.67 0.57 0.47 0.34 0.48 0.19 0.21 2.25 0.77 0.75 0.49 0.59 0.74 0.81			
	Total	---	----	---	---	13.70	7056	Cum	96667.0
3.	Providing and casting in situ cement concrete M20 of trap/ granite/quartzite's gneiss metal for R.C.C Floor beams as per detailed designs and drawing or as directed including.								

R.A.BILL

Padamabhushan Dr. Vasantraodada Patil Mahavidyalya, Tasgaon .

(B) College Lab/ Classroom (First Floor) Extra Work

SR. NO	ITEM OF WORK	NO	LENGTH	BREADTH	DEPTH	TOTAL	RATE	PER	AMOUNT
1.	Providing and casting in situ cement concrete M20 of trap/ granite/quartzite's metal for R.C.C. column as per detailed designs and drawing or as directed including centering from work compaction and roughening the surface I b special finish is to be provided and curing complete excluding reinforcement.	1 2	0.23 0.305	0.45 0.305	4.16 4.01	0.36 0.75			
	Total	---	----	-----	----	1.11	7369	Cum	8180.00
2.	Providing and casting in situ cement concrete M20 of trap/ granite/quartzite's gneiss metal for R.C.C lintal beams as per detailed designs and drawing or as directed including centering from work compaction and roughening the surface id special finish is to be provided and curing complete excluding reinforcement.	1 1	0.23 0.23	0.305 0.305	4.88 3.51	0.34 0.25			
	Total	----	----	----	----	0.59	7572	Cum	4467.00

VICHARE DESIGN AND ASSOCIATES

Date : 11-11-2019

To,
The Secretary,
Shri. Swami Vivekananda Shikshan sanstha
Kolhapur

Sub : Contractor's bill - R.A. bill SF 02 for PDVP Mahavidyalaya at Tasgaon (Second floor work)

Respected Sir,

The construction work of College building for PDVP Mahavidyalaya at Tasgaon is under progress. The contractor M/s. Darshan Builders has approached us with their first runnig bill. We have checked the bill on site and prepared the abstract for the same.

R.A. bill SF 01 + 02 + 03 =	1,23,18,434.00
Advance taken till date =	80,00,000.00
Net amount =	43,18,434.00

Deduction amount

Sr. No.	Description	Percentage deduction	Amount	Say Rs
1	Income tax	2% of net amount	86369.00	86,369.00
			Net Deductions =	86,369.00
			Net amount payable =	**42,32,065.00**

The final amount payable to contractor after deductiing the taxes and other charges comes to ***Rs. 42,32,065.00*** , So kindly arrange to pay the balance amount to the contractor.

Thanking you,

COUNCIL OF ARCHITECTURE
Sunil Vichare
B.Arch., A.I.A.

5/11/19

13/11

IQAC

VICHARE DEUSKAR AND ASSOCIATES
Architects & Interior Designers
2575 GF-01, Balshaali Appts, Khasbag,
Mangalwar Peth, Kolhapur -12, Tel : 2644678.

Name of the work : ***R.A. BILL 02 - CONSTRUCTION OF COLLEGE BUILDING FOR " Dr. PADMABHOOSHAN VASANTRAO DADA PATIL MAHAVIDYALAYA " at Tasgaon.***

Contractor : M/s. Darshan Builders

Date : 12/03/2019

ABSTRACT

Sr.No.	Name of the item	MEASUREMENTS No	Length	Breadth	Depth	Total	Quantity	Unit	Rate	Per	Amount
1	RCC M:20 for Beams & Lintels	2	11.08	0.75	0.83	13.79					
		2	11.25	0.75	0.83	14.01					
		2	9.92	0.75	0.83	12.35					
		2	8.92	0.75	0.83	11.11					
		2	1.58	0.75	0.83	1.97					
		1	10.42	0.75	0.83	6.49					
		1	11.16	0.75	0.83	6.95					
		1	9.66	0.75	0.83	6.01					
		1	10.66	0.75	0.83	6.64					
		1	10.83	0.75	0.83	6.74					
		1	8.50	0.75	0.83	5.29					
		2	7.75	0.75	0.83	9.65					
		1	7.75	0.75	1.05	6.10					
		1	13.50	0.75	1.05	10.63					
		1	6.50	0.75	0.83	4.05					
		1	5.00	0.75	0.83	3.11					
		3	23.83	0.75	0.72	38.60					
		2	15.75	0.75	1.54	36.38					
		4	14.68	0.75	1.00	44.03					
		1	14.92	0.75	1.05	11.75					
		1	13.75	0.75	1.05	10.83					
		1	13.33	0.75	1.05	10.50					
		1	12.75	0.75	1.05	10.04					
		1	18.00	0.75	1.54	20.79					
		1	9.25	0.75	1.05	7.28					
					total =	315.08	8.92	cu.m.	7775.50	cu.m.	69383.00

2	RCC M:20 for Slab	2	3..75	25.25	0.46	734.35					
		1	31.75	10.00	0.42	133.35					
		1	60.50	8.50	0.42	215.99					
		1	15.75	14.00	0.50	110.25					
					total =	1193.93	33.81	cu.m.	9672.70	cu.m.	327061.00
3	Tor steel reinforcement										
	6mm	1.05	0.27	-	-	0.28	0.28	m.t.	49618.45	m.t.	13806.00
	8mm	1.05	0.94	-	-	0.99	0.99	m.t.	49618.45	m.t.	48973.00
	10mm	1.05	1.25	-	-	1.31	1.31	m.t.	49618.45	m.t.	65124.00
	12mm	1.05	0.60	-	-	0.62	0.62	m.t.	49618.45	m.t.	30999.00
	16mm	1.05	0.65	-	-	0.69	0.69	m.t.	49618.45	m.t.	34021.00
	20mm	1.05	0.26	-	-	0.27	0.27	m.t.	49618.45	m.t.	13546.00
	a) Rate difference (49500-46500 =3000)	-	-	-	-	-	4.16	m.t.	3000.00	m.t.	12483.00
4	Internal plaster										
		2	23.75	-	11.00	522.50					
		4	30.00	-	11.00	1320.00					
		8	1.25	-	11.00	110.00					
		2	34.50	-	11.00	759.00					
		2	42.75	-	11.00	940.50					
		2	23.75	-	11.00	522.50					
		1	52.00	-	11.00	572.00					
		1	43.50	-	11.00	478.50					
		1	25.25	-	11.00	277.75					
		1	44.25	-	11.00	486.75					
		1	33.50	-	11.00	368.50					
		-1	33.50	-	5.00	-167.50					
		-4	4.00	-	8.00	-128.00					
		-24	4.00	-	4.00	-384.00					
		-1	82.75	-	1.50	-124.13					
		1	8.50	-	11.00	93.50					
		1	44.25	-	11.00	486.75					
		3	15.75	-	11.00	519.75					
		2	30.25	-	11.00	665.50					
		2	23.75	-	11.00	522.50					
		2	15.00	-	11.00	330.00					
		2	13.75	-	11.00	302.50					
		4	10.00	-	11.00	440.00					
		2	39.25	-	11.00	863.50					

		2	[illegible]75	-	11.00	522.50					
		1	..75	-	11.00	85.25					
		1	35.00	-	11.00	385.00					
		1	35.00	-	11.00	385.00					
		-1	35.00	-	5.00	-175.00					
		-2	4.00	-	8.00	-64.00					
		-1	3.25	-	8.00	-26.00					
		-1	3.00	-	8.00	-24.00					
		2	10.00	-	12.00	240.00					
		2	15.75	-	6.50	204.75					
		1	15.75	-	1.00	15.75					
		2	15.75	-	18.00	567.00					
					total =	11894.63	1105.45	sq.m.	360.30	sq.m.	398293.00
5	**Natras, Ghisis & patties**										
		8	9.00	-	-	72.00					
		2	13.00	-	-	26.00					
		2	27.00	-	-	54.00					
		4	15.75	-	-	63.00					
		29	16.00	-	-	464.00					
		2	82.75	-	-	165.50					
		20	1.50	-	-	30.00					
		8	18.00	-	-	144.00					
		4	20.00	-	-	80.00					
		1	26.00	-	-	26.00					
		1	25.50	-	-	25.50					
		2	21.25	-	-	42.50					
		2	16.00	-	-	32.00					
		8	15.75	-	-	126.00					
		8	1.08	-	-	8.64					
		4	11.00	-	-	44.00					
		4	11.25	-	-	45.00					
		4	9.83	-	-	39.32					
		4	7.75	-	-	31.00					
		16	1.50	-	-	24.00					
					total =	1542.46	470.26	r.m.	150.00	r.m.	70539.00
6	**Tandoor flooring**										
		1	30.00	34.50	-	1035.00					
		1	30.00	23.75	-	712.50					

		1	2[illegible].75	42.75	-	1015.31					
		1	5[illegible].00	8.50	-	442.00					
		1	25.25	8.00	-	202.00					
		1	15.75	14.00	-	220.50					
		1	35.00	8.00	-	280.00					
					total =	3907.31	363.13	sq.m.	840.00	sq.m.	305032.00
7	**Alluminium windows**										
		27	4.00	-	4.00	432.00					
		8	5.00	-	5.00	200.00					
		4	6.00	-	6.00	144.00					
		1	9.00	-	7.00	63.00					
		1	9.00	-	8.00	72.00					
		2	6.58	-	9.00	118.44					
		2	2.00	-	10.00	40.00					
					total =	1069.44	99.39	sq.m.	3396.25	sq.m.	337554.00
8	**M.S. grill**										
		24	4.00	-	4.00	384.00					
		1	82.75	-	1.50	124.13					
		8	5.00	-	4.00	160.00					
		4	6.00	-	4.00	96.00					
		1	9.00	-	4.00	36.00					
		1	8.83	-	4.00	35.32					
		2	6.58	-	4.00	52.64					
		2	2.00	-	4.00	16.00					
		3	4.00	-	4.00	48.00					
		2	15.66	-	1.08	33.83					
		1	11.00	-	1.50	16.50					
		1	11.16	-	1.50	16.74					
		1	9.83	-	1.50	14.75					
		1	7.75	-	1.50	11.63					
		-40	4.00	-	4.00	-640.00					
					total =	405.52	37.69	sq.m.	1242.35	sq.m.	46821.00
										Sub total =	**1773635.00**
										Add 9.95% above as per tender =	**176477.00**
										Total =	**1950112.00**

22	**Rate difference statement**										
A	**Sand**										
	# RCC Beams and lintels	-	8.92	0.45	-	4.02					
	# RCC Slabs	-	33.81	2.45	-	82.84					
	# External plaster	-	1105.45	0.03	-	27.64					
	rate difference = (5300 -3000= 2300)				Total =	114.49	114.49	cu.m.	2300.00	cu.m.	263334.00
										Sub total =	**263334.00**
										Grand Total =	**2213446.00**
										Add CGST @ 9% =	**199210.00**
										Add SGST @ 9% =	**199210.00**
										Net R.A. bill SF 02 =	**2611866.00**
										Net R.A. bill SF 01 + 02 =	**8658797.00**

COUNCIL OF ARCHITECTURE
Sunil Vichare
B.Arch., A.I.A.
Reg. No.: CA/99/12014

VICHARE DEUSKAR AND ASSOCIATES
Architects & Interior Designers
2575 GF-01, Balshaali Appts, Khasbag,
Mangalwar Peth, Kolhapur -12, Tel : 2644678.

Name of the work : ***R.A. BILL 03 - CONSTRUCTION OF COLLEGE BUILDING FOR " Dr. PADMABHOOSHAN VASANTRAO DADA PATIL MAHAVIDYALAYA " at Tasgaon.***

Contractor : M/s. Darshan Builders

Date : 16/09/2019

ABSTRACT

Sr.No.	Name of the item	MEASUREMENTS	No	Length	Breadth	Depth	Total	Quantity	Unit	Rate	Per	Amount
	GROUND FLOOR WORK											
1	**Brick masonary work**											
			2	6.50	0.75	2.00	19.50					
		steps	1	9.00	0.75	1.25	8.44					
			1	9.00	0.75	0.75	5.06					
		ramp	0.5	14.00	0.75	3.00	15.75					
			1	15.75	0.75	9.50	112.22					
			1	15.75	0.75	8.50	100.41					
			1	11.50	0.75	9.50	81.94					
			1	11.00	0.75	1.00	8.25					
			-1	4.00	0.75	4.00	-12.00					
			-1	6.50	0.75	4.00	-19.50					
			-1	3.00	0.75	8.00	-18.00					
			-1	2.00	0.75	4.00	-6.00					
			1	3.50	3.50	0.75	9.19					
			1	2.00	2.00	0.75	3.00					
						total =	308.25	8.73	cu.m.	6079.55	cu.m.	53073.00
2	**Half brick masonary**											
		flower bed	1	11.50	-	10.00	115.00					
			-1	7.00	-	2.50	-17.50					
			2	9.66		3.25	62.79					
						total =	160.29	14.90	sq.m.	780.40	sq.m.	11625.00
3	**External Plastering**											
			2	6.50	-	3.00	39.00					
			2	9.25	-	3.25	60.13					
			1	9.16	-	3.75	34.35					
		riser	7	17.50	-	0.50	61.25					

		8	[illegible]00	-	0.50	40.00					
		6	[illegible].50	-	0.50	16.50					
		3	7.75	-	0.50	11.63					
		1	15.75	-	0.25	3.94					
		1	7.75	-	0.33	2.56					
	ramp	1	14.50	-	4.50	65.25					
		0.5	14.50	-	3.00	21.75					
		22	6.33	-	0.50	69.63					
		2	234.00	-	3.00	1404.00					
		1	234.00	-	0.75	175.50					
		50	3.00	-	0.38	56.25					
		25	1.25	-	0.38	11.72					
					total =	2073.44	192.70	sq.m.	565.70	sq.m.	109010.00
4	**Tandoor flooring**										
		1	15.50	9.00	-	139.50					
		1	33.00	15.50	-	511.50					
		1	15.75	6.00	-	94.50					
		1	18.50	16.00	-	296.00					
		4	3.50	0.75	-	10.50					
		4	2.00	0.75	-	6.00					
		1	11.50	8.00	-	92.00					
					total =	1150.00	106.88	sq.m.	840.00	sq.m.	89777.00
5	**Tandoor steps**										
		7	17.50	1.00	-	122.50					
		8	10.00	1.00	-	80.00					
		6	5.50	1.00	-	33.00					
		1	4.50	1.00	-	4.50					
		3	7.75	1.00	-	23.25					
					total =	263.25	24.47	sq.m.	1087.70	sq.m.	26611.00
6	**RCC M:15 for paradi**										
		1	30.00	0.25	1.75	13.13					
					total =	13.13	0.37	cu.m.	10766.15	cu.m.	4002.00
7	**RCC M:20 for lintels**										
		1	15.75	0.75	0.50	5.91					
		1	11.50	0.75	0.50	4.31					
					total =	10.22	0.29	cu.m.	7775.50	cu.m.	2250.00

8	RCC M:20 for chajjas										
		1	. .00	0.25	1.25	2.19					
		1	4.50	0.25	1.25	1.41					
					total =	3.59	0.10	cu.m.	10007.30	cu.m.	1019.00
9	Internal Plastering										
		2	15.75	-	9.50	299.25					
		2	18.50	-	10.50	388.50					
		1	15.75	-	10.50	165.38					
		1	11.75	-	10.50	123.38					
		1	11.00	-	10.00	110.00					
	ceiling	1	18.50	-	15.75	291.38					
	Deductions	-2	8.00	-	3.00	-48.00					
		-2	7.00	-	2.50	-35.00					
		-1	4.00	-	4.00	-16.00					
		-1	2.00	-	4.00	-8.00					
		-1	6.50	-	4.00	-26.00					
	stair paradi	1	30.00	-	4.00	120.00					
					total =	1364.88	126.85	sq.m.	360.30	sq.m.	45703.00
10	Natras										
		4	15.75	-	-	63.00					
		2	11.00	-	-	22.00					
		6	4.00	-	-	24.00					
		2	6.50	-	-	13.00					
		2	2.00			4.00					
		1	10.50	-	-	10.50					
		2	30.00	-	-	60.00					
		2	11.50	-	-	23.00					
		2	8.00	-	-	16.00					
		4	3.50	-	-	14.00					
		4	2.00	-	-	8.00					
		8	0.75	-	-	6.00					
		2	234.00	-	-	468.00					
		50	3.00	-	-	150.00					
		50	0.38	-	-	18.75					
					total =	900.25	274.47	r.m.	150.00	r.m.	41170.00
11	Waterproofing work										
		1	9.00	6.00	-	54.00					
					total =	54.00	5.02	sq.m.	853.55	sq.m.	4284.00

12	Vitrified flooring										
		1	16.50	15.75	-	291.38					
		-1	7.33	4.33	-	-31.74					
					total =	259.64	24.13	sq.m.	1152.85	sq.m.	27818.00
13	Ceramic flooring										
		1	7.00	4.00	-	28.00					
					total =	28.00	2.60	sq.m.	975.00	sq.m.	2537.00
14	Glazed tiles for dado										
		1	17.50	7.50	-	131.25					
					total =	131.25	12.20	sq.m.	1208.45	sq.m.	14741.00
15	M.S. Grill										
		1	29.75	-	5.00	148.75					
		1	31.00	-	5.00	155.00					
					total =	303.75	28.23	sq.m.	1575.45	sq.m.	44474.00
16	M.S. Door										
		1	15.66	-	9.25	144.86					
					total =	144.86	13.46	sq.m.	5537.90	sq.m.	74553.00
17	M.S. Railing for stair										
		1	30.00	-	1.75	52.50					
		1	14.50	-	3.00	43.50					
					total =	96.00	8.92	sq.m.	1242.35	sq.m.	11084.00
18	Door shutters										
		1	3.00	-	7.00	21.00					
		1	2.50	-	7.00	17.50					
					total =	38.50	3.58	sq.m.	2511.20	sq.m.	8985.00
	FIRST FLOOR WORK										
1	AEC Block Masonary										
		1	15.75	0.66	13.25	137.73					
		1	11.50	0.66	13.25	100.57					
	deductions	-1	6.50	0.66	4.00	-17.16					
		-1	4.00	0.66	4.00	-10.56					
		-1	2.00	0.66	4.00	-5.28					
		1	11.50	0.33	9.75	37.00					
		-1	2.50	0.33	7.00	-5.78					
					total =	236.53	6.70	cu.m.	6519.95	cu.m.	43675.00
2	RCC M:20 for lintels										
		1	15.75	0.66	0.50	5.20					
		1	11.50	0.66	0.50	3.80					
					total =	8.99	0.25	cu.m.	7775.50	cu.m.	1980.00

3	RCC M:20 for chajjas	1	7.00	0.25	1.25	2.19					
		1	4.50	0.25	1.25	1.41					
					total =	3.59	0.10	cu.m.	10007.30	cu.m.	1019.00
4	Internal Plastering	2	15.75	-	9.50	299.25					
		2	18.50	-	10.50	388.50					
		1	15.75	-	10.50	165.38					
		1	11.75	-	10.50	123.38					
		1	11.00	-	10.00	110.00					
	ceiling	1	18.50	-	15.75	291.38					
	Deductions	-2	8.00	-	3.00	-48.00					
		-2	7.00	-	2.50	-35.00					
		-1	4.00	-	4.00	-16.00					
		-1	2.00	-	4.00	-8.00					
		-1	6.50	-	4.00	-26.00					
	stair paradi	1	30.00	-	4.00	120.00					
		1	32.75	-	4.00	131.00					
		23	6.33	-	0.50	72.80					
					total =	1568.67	145.79	sq.m.	360.30	sq.m.	52527.00
5	Natras	4	15.75	-	-	63.00					
		2	11.00	-	-	22.00					
		6	4.00	-	-	24.00					
		2	6.50	-	-	13.00					
		2	2.00			4.00					
		1	10.50	-	-	10.50					
		2	32.75	-	-	65.50					
					total =	202.00	61.59	r.m.	150.00	r.m.	9238.00
6	Waterproofing work	1	9.00	6.00	-	54.00					
					total =	54.00	5.02	sq.m.	853.55	sq.m.	4284.00
7	Vitrified flooring	1	18.50	15.75	-	291.38					
		-1	7.33	4.33	-	-31.74					
					total =	259.64	24.13	sq.m.	1152.85	sq.m.	27818.00
8	Ceramic flooring	1	7.00	4.00	-	28.00					
					total =	28.00	2.60	sq.m.	975.00	sq.m.	2537.00

9	Glazed tiles for dado										
		1	17.50	7.50	-	131.25					
					total =	131.25	12.20	sq.m.	1208.45	sq.m.	14741.00
10	RCC M:20 for paradi										
		1	30.00	0.25	1.75	13.13					
					total =	13.13	0.37	cu.m.	10766.15	cu.m.	4002.00
11	Punning										
		1	18.50	15.75	-	291.38					
		1	15.75	6.00	-	94.50					
					total =	385.88	35.86	sq.m.	567.55	sq.m.	20353.00
12	M.S. Railing for stair										
		1	32.75	-	1.75	57.31					
					total =	57.31	5.33	sq.m.	1242.35	sq.m.	6617.00
13	M.S. Grill										
		1	29.75	-	4.75	141.31					
		1	31.00	-	4.75	147.25					
		2	9.00	-	4.75	85.50					
		1	15.25	-	4.75	72.44					
					total =	446.50	41.50	sq.m.	1575.45	sq.m.	65375.00
14	Tandoor flooring										
		1	6.33	3.50	-	22.16					
		1	23.50	15.75	-	370.13					
					total =	392.28	36.46	sq.m.	840.00	sq.m.	30624.00
15	Tandoor for treads and risers										
		1	23.00	1.00	-	23.00					
		3	7.75	1.00	-	23.25					
					total =	46.25	4.30	sq.m.	1087.70	sq.m.	4675.00
	SECOND FLOOR WORK										
1	PCC M : 20 for coping										
		2	32.00	0.75	0.42	20.16					
					total =	20.16	0.57	cu.m.	5307.30	cu.m.	3030.00
2	RCC M:20 for columns										
		2	1.75	0.75	7.00	18.38					
		2	2.00	0.75	6.00	18.00					
		1	2.00	0.75	5.00	7.50					
		1	1.50	0.75	5.00	5.63					
		1	2.00	0.75	4.00	6.00					
		1	1.25	0.75	4.00	3.75					
					total =	59.25	1.68	cu.m.	8601.70	cu.m.	14434.00

3	RCC M:20 for paradi										
		2	32.75	0.25	1.66	27.18					
					total =	27.18	0.77	cu.m.	10766.15	cu.m.	8288.00
4	Brick masonary work										
		2	5.00	0.75	9.50	71.25					
		2	20.00	0.75	6.00	180.00					
		1	15.75	0.75	1.50	17.72					
					total =	268.97	7.62	cu.m.	6079.55	cu.m.	46310.00
5	Half brick masonary										
		1	16.00	-	12.00	192.00					
		-1	7.00	-	3.00	-21.00					
					total =	171.00	15.89	sq.m.	780.40	sq.m.	12402.00
6	Internal Plastering										
		2	32.00	-	9.00	576.00					
		1	16.00	-	12.00	192.00					
		1	16.00	-	8.00	128.00					
		1	3.00	-	7.00	21.00					
		1	32.75	-	4.00	131.00					
		2	25.00	-	10.75	537.50					
		2	13.50	-	6.33	170.91					
					total =	1756.41	163.24	sq.m.	360.30	sq.m.	58814.00
7	External Plastering										
		2	16.00	-	1.00	32.00					
		2	12.00	-	11.50	276.00					
		1	38.50	-	4.00	154.00					
		15	5.00	-	3.00	225.00					
					total =	687.00	63.85	sq.m.	565.70	sq.m.	36119.00
8	Natras										
		4	11.00	-	-	44.00					
		4	32.00	-	-	128.00					
		2	7.00	-	-	14.00					
		15	15.00	-	-	225.00					
		1	38.50			38.50					
					total =	449.50	137.04	r.m.	150.00	r.m.	20556.00
9	IPS Coba										
		1	64.00	59.00	-	3776.00					
		1	59.25	38.50	-	2281.13					
		1	17.25	12.75	-	219.94					
		1	16.00	9.25	-	148.00					

		-1	75	8.00	-	-270.00					
					total =	6155.06	572.0	sq.m.	853.55	sq.m.	488258.00
10	Tandoor flooring										
		1	8.50	15.75	-	133.88					
		1	6.33	2.50	-	15.83					
		1	15.00	6.00	-	90.00					
		1	15.75	15.25	-	240.19					
		1	6.33	2.00	-	12.66					
		1	5.00	1.00	-	5.00					
					total =	497.55	46.24	sq.m.	840.00	sq.m.	38842.00
11	Tandoor for treads and risers										
		46	6.33	1.00	-	291.18					
					total =	291.18	27.06	sq.m.	1087.70	sq.m.	29435.00
12	Vitrified flooring										
		1	24.50	38.50	-	943.25					
		1	30.00	10.00	-	300.00					
		1	30.00	23.75	-	712.50					
					total =	1955.75	181.76	sq.m.	1152.85	sq.m.	209543.00
13	Punning work for ceiling										
		1	30.00	34.50	-	1035.00					
		4	32.75	1.00	-	131.00					
		4	27.50	2.00	-	220.00					
		1	30.00	23.75	-	712.50					
		2	30.00	1.00	-	60.00					
		4	23.75	1.50	-	142.50					
		1	23.75	42.75	-	1015.31					
		2	40.50	1.00	-	81.00					
		6	23.75	1.75	-	249.38					
		1	52.00	8.50	-	442.00					
		1	25.50	7.75	-	197.63					
		1	35.25	7.75	-	273.19					
		2	8.50	1.00	-	17.00					
		2	7.75	1.00	-	15.50					
		1	12.75	15.75	-	200.81					
		2	15.75	1.00	-	31.50					
		1	15.00	1.50	-	22.50					
		2	7.75	1.00	-	15.50					
		2	23.75	1.50	-	71.25					
		2	30.00	1.00	-	60.00					

		2	50	1.00	-	77.00					
		4	24.00	1.50	-	144.00					
		1	38.50	1.25	-	48.13					
		2	16.00	1.00	-	32.00					
					total =	5294.69	492.07	sq.m.	567.55	sq.m.	279275.00
14	**M.S. Railing for stair**										
		1	32.75	-	1.75	57.31					
					total =	57.31	5.33	sq.m.	1242.35	sq.m.	6617.00
15	**M.S. Grill**										
		1	29.75	-	4.75	141.31					
		1	31.00	-	4.75	147.25					
		2	9.75	-	7.00	136.50					
		1	15.75	-	7.00	110.25					
					total =	535.31	49.75	sq.m.	1575.45	sq.m.	78379.00
16	**Structural steel work**										
	SHS 100x100x4 pipe	1	40.00	-	-	40.00	0.14	m.t.	72900.00	m.t.	10428.00
	RHS 145x82x36 pipe	1	280.00	-	-	280.00	1.04	m.t.	72900.00	m.t.	75674.00
	RHS 96x48x3.2	1	60.00	-	-	60.00	0.12	m.t.	72900.00	m.t.	8948.00
	RHS 80x40x2.6	1	120.00	-	-	120.00	0.17	m.t.	72900.00	m.t.	12135.00
17	**Colour coated sheet roofing**										
		1	32.00	17.50	-	560.00					
		2	10.00	6.00	-	120.00					
		1	10.00	7.00	-	70.00					
		0.5	20.00	7.50	-	75.00					
	sheet for gate	4	3.50	8.00		112.00					
					total =	937.00	87.08	sq.m.	750.00	sq.m.	65311.00
18	**Colour coated sheet roofing ridge**										
		1	26.00	-	-	26.00					
					total =	26.00	7.93	r.m.	807.00	r.m.	6397.00
18	**ACE Paint**										
	qty of external plaster	1	21321.66	-	-	21321.66					
					total =	21321.66	1981.57	sq.m.	133.60	sq.m.	264737.00
19	**Oil bound distemper**										
	qty of internal plaster	1	16584.58	-	-	16584.58					
					total =	16584.58	1541.32	sq.m.	79.40	sq.m.	122381.00
20	**CC door frames**										
		1	2.50	-	-	2.50					
		1	2.75	-	-	2.75					

		4	.75	-	-	27.00					
					total =	32.25	9.8	r.m.	704.05	r.m.	6922.00
21	**Rebarring work**										
	8mm	190	-	-	-	190.00					
	10mm	20	-	-	-	20.00					
					total =	210.00	210.00	no	150.00	no	31500.00
22	**Steel reinforcement**										
	8mm	1	1988.00	-	-	1988.00	0.236	m.t.	49618.45	0.24	11729.00
	10mm	1	336.00	-	-	336.00	0.064	m.t.	49618.45	0.06	3151.00
	12mm	1	230.00	-	-	230.00	0.062	m.t.	49618.45	0.06	3097.00
	16mm	1	244.00	-	-	244.00	0.118	m.t.	49618.45	0.12	5832.00
										Sub total =	**2820725.00**
										Add 9.95% above as per tender =	**280662.00**
										Total =	**3101387.00**
										Add CGST @ 9% =	**279125.00**
										Add SGST @ 9% =	**279125.00**
										Net R.A. bill SF 03 =	**3659637.00**
										Net R.A. bill SF 01 + 02 + 03=	**12318434.00**

COUNCIL OF ARCHITECTURE
Sunil Vichare