

(12)

ORIGINAL

## BILL OF QUANTITY (BOQ)

NAME OF THE WORK: - Upgradation of Tarimul High School, Tarimul for the year 2020-21

Amount put to Tender : *R* 1294903.00  
 Class of Contractor : D' & C' class only  
 Cost of Tender Paper : Rs.6000.00  
 Date required for completion : 3 (Three) Calender Month

Sl. No.	Description of Item	Time of Completion: 03months			
		Unit	Total Qty.	Rate	Amount
1	Earth work in hard soil or gravelling soil for excavation of foundation including dressing and levelling of beds and depositing the soil away from the work side with all lead & lift including cost of all labour, T & P, dewatering, shoring and shuttering for the work etc. complete & as per direction of Engineer in charge	Cum	68.27	184.59	16294.19
2	Supplying and Filling in foundation and plinth with sand, well watered and rammed with all leads and lifts, cost convenience and royalty and all taxes of materials, cost of labour, T & P, dewatering, required for the works etc, complete in all respect as directed by engineer-in-charge.	Cum	68.35	414.94	28361.08
3	Cement concrete of proportion (1:4:8) with using 40 MM size hbg metal free from weathered and skin with including cost, convenience, royalty and taxes of all materials, labour etc including curing, dewatering if required in all respect including centering and shuttering etc. complete & as per direction of Engineer in charge	Cum	22.82	3793.88	86955.63
4	Cement concrete of proportion (1:2:4) A.S flooring with using 12 MM size hbg metal free from weathered and skin with including cost, convenience, royalty and taxes of all materials, labour etc including curing, dewatering if required in all respect including centering and shuttering etc. complete & as per direction of Engineer in charge	Sqm	2.78	286.57	799.52
5	Reinforcement M20 grade cement concrete with using 20 mm nominal size aggregate mechanically mixed and vibrated in foundation and bed protection of specification for road and Bridge work & Direction of the Eng in charge the work etc complete as direction by the engineering-in-charge.	cum	38.37	4679.49	175600.11
6	Reinforcement cement concrete (1:2:4) with 12 mm nominal size aggregate mechanically mixed and vibrated in foundation and bed protection of specification for road and Bridge work & Direction of the Eng in charge the work etc complete as direction by the engineering-in-charge.	cum	4.89	6669.57	28543.37

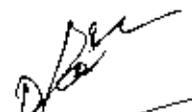
Sl. No.	Description of Item	Unit	Total Qty.	Rate	Amount
7	RRHG(25cmx12cmx8cm) masonry in CM(1:6)for In foundation and plinth in curbing and watering, curing etc. Including cost, conveyance, royalty and all taxes of materials with cost of labour, T& P etc. complete required for the work complete in all respect as directed by the engineering -in-charge.	Cum	28.72	3793.88	108960.11
8	Suppling, coiled M.S rod or HYSD steel (Fe-415),cutting, bending,cracking,hooking,olding or jointing (if required) reinforcement including labour charges for cutting, bending, binding and straightening and tying the grills and placing in position including cost of binding wire 18 to 20 gauge as per drawing and technical specificaiton as directed by the engineering-in-charge.	Qd	38.29	5864.70	216901.36
9	Rigid & smooth centering and Shuttering.				
	(a) Column and beam	Sqm	92.44	738.84	68095.24
	(b) Lintel	Sqm	22.93	263.33	6038.27
	⊙ Roof slab	Sqm	116.78	439.89	50917.27
10	Fly ash brick(25cmx12cmx8cm) masonry in CM(1:6)for superstructure in foundation and plinth having a crushing strength of not less than 75 kplsqcm including splays cutting, circular moulding, chamfering and curbing and watering, curing etc. Including cost, conveyance, royalty and all taxes of materials with cost. of labour, T& P etc. complete required for the work complete in all respect as directed by the engineering -in-				
	(a) foundation	Cum	4.58661	4125.30	18921.15
	(b) In superstructure .	Cum	29.47	4158.63	122554.88
11	12 mm thick cement plaster in C.M. (1:6) finishing smooth to outer side brickwork after ranking out the joints including watering and curing with cost, conveyance, royalty of all materials , labour with T & P required for the work including all taxes etc. complete in all respect all floors as directed by engineering-in-	Sqm	130.73	135.98	17773.76
12	16 mm thick cement plaster in C.M. (1:6) finishing smooth to inner side brickwork after ranking out the joints including watering and curing with cost, conveyance, royalty of all materials , labour with T & P required for the work including all taxes etc. complete in all respect all floors as directed by engineering-in-	Sqm	130.73	193.82	25338.06
13	20 mm thick cement plaster in C.M. (1:6) finishing smooth to outer side brickwork after ranking out the joints including watering and curing with cost, conveyance, royalty of all materials , labour with T & P required for the work including all taxes etc. complete in all respect all floors as directed by engineering-in-	Sqm	41.22	213.06	8781.73
14	20 mm thick cement plaster in C.M. (1:6) grading finishing smooth to outer side brickwork after ranking out the joints including watering and curing with cost, conveyance, royalty of all materials , labour with T & P required for the work including all taxes etc. complete in all respect all floors as directed by engineering-in-	Sqm	117.18	223.63	26188.70

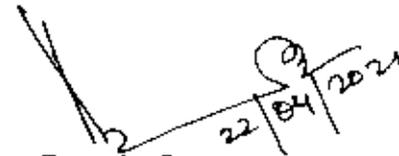
Sl. No.	Description of Item	Unit	Total Qty.	Rate	Amount
15	12 mm thick cement plaster in C.M. (1:4) finishing smooth to outer side brickwork after ranking out the joints including watering and curing with cost, conveyance, royalty of all materials, labour with T & P required for the work including all taxes etc. complete in all respect all floors as directed by engineering-in-	Sqm	110.81	147.10	16300.67
16	Painting 2 coat with approved paint over 1 coat of cement washing on as per the direction of Engineer- In -charge.	Sqm	413.60	14.06	5813.81
17	Painting 2 coat with approved paint over 1 coat of priming on as per the direction of Engineer- In -charge.	Sqm	369.53	66.34	23488.19
18	Finishing out side wall surface with weather coat with 2 coat with any approved shade overhead coat of priming including cost of all material and labour (T&P) etc.as per direction of Engineer-In-Charge.	Sqm	184.67	75.43	12413.92
19	Finishing in side wall surface with Distemping with 2 coat with any approved shade overhead coat of priming including cost of all material and labour (T&P) etc.as per direction of Engineer-In-Charge.	Sqm	196.05	66.21	12914.97
20	Painting 2 coat Door window with approved paint over 1 coat of priming on as per the direction of Engineer- in -charge.	Sqm	40.48	196.00	7935.94
21	Fixing tiles in floor over thick bed of cement mortar 1:1 including rubbing and polishing excluding cost of tiles	Sqm	108.45	1109.34	117201.27
22	Fixing tiles in dados and riser of steps on 12mm thick cement plaster (1:3) including rubbing and polishing excluding cost of tiles	Sqm	36.00	1216.66	43799.92
23	MSS Door, windows & Gate				50000.00
					1294903.14
		or		Rs.	1294903.00

(Rupees Twelve lakhs Ninety Four Thousand Nine Hundred Three) only.

TOTAL 23 (Twenty Three) NOS ITEM ONLY

Approved for 23 (Twenty Three) Items only

  
Assistant Engineer  
Ghaspura Block

  
Executive Engineer  
DRDA Keonjhar

Sl. No.	Description of Item	Unit	Quantity		Total Qty.	Rate	Amount
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**TO BE FILLED BY THE TENDERER**

1) My/ Our quoted rate is (both in figure and words)

	in Figure	In words
Equal to Estimate Cost	%	
Excess in Percentage	%	
Less in Percentage	%	

**Notes:-**

- 1) The Tenderer should quote the percentage up to one decimal point only.
- 2) The Tenderer should go through the special conditions in the DTCN for percentage rate contract before tendering .
- 3) The Tenderers should quote their percentage only inside the space provided for the purpose .
- 4) The percentage quoted at any other place will not be taken into consideration.

**Executive Engineer  
DRDA Keonjhar**

**Block Development Officer  
Ghasipura Block**

**BILL OF QUANTITY (BOQ)**

**NAME OF THE WORK: - Construction of additional class room and SC LAB AT Jagannath bidyamandir bato 2020-21**

Amount put to Tender : Rs. 2,533,339.00  
 Class of Contractor : B' & C' class only  
 Cost of Tender Paper : Rs.6000.00  
 Date required for completion : 3(Three) calender Month

Sl. no.	Item of Work	Quantity	Unit	Rate	Amount
1	Earthwork in excavation of foundation in hard soil or gravelly soil except sheet rock requiring blasting to proper profile with all leads, lifts and delifts to proper section and profile including dressing and levelling the bed upto required depth . as per direction of Engineer-in-charge	136.09	cum	182.77	24873.36
2	Supplying, filling in foundation and plinth with sand, watered and rammed including cost, conveyance & royalty and all taxces of materials cost of all labour with T&P etc. complete. as per direction of Engineer-in-charge	162.57	cum	366.83	59635.65
3	C.C (1:3:6) using 40 mm hg metal in foundation with 40 mm size hand Broken metal including cost, conveyance, royalty etc complete as per direction of Engineer-in-charge	37.58	Cum	4317.98	162262.75
4	R.C.C (M20) using 12mm H.G.C.B chips including centering & shuttering cost, conveyance, royalty etc complete as per the direction of Engineer incharge.				
a	Footling	20.91	Cum	4739.97	99125.82
b	Plinth beam	6.88	Cum	5049.23	34738.68
c	Column & Wall Beam	20.85	Cum	10956.73	228412.27
d	Lintel & Sill band	4.19	Cum	9447.80	39601.03
e	Roof slab and chajja	26.93	Cum	9374.59	252457.78

5	Straightening bent up or coiled M.S. rod or HYSD steel (Fe- 415), cutting, bending, cracking, hooking, welding or jointing (if required), the M.S rod or HYSD steel and binding, tying the grills, hoisting, lowering and placing in proper position as require	79.77	Qntl	6473.14	516362.29
6	foundation and plinth including cost, conveyance, royalty, taxes of all materials, all labour T & P sundries etc complete as per direction of Engineer in charge.	36.55	Cum	4141.56	151373.91
7	Brick work with Fly ash brick with cement mortar (1:6) in superstructure including cost, conveyance, royalty, taxes of all materials, all labour T & P sundries etc complete as per direction of Engineer in charge.	44.31	Cum	4179.51	185180.16
8	Providing 20 mm thick grading plaster (1:4) over roof slab including cost, conveyance, royalty, curing all etc complete	216.62	Sqm	207.86	45026.19
9	12 mm thick cement plaster in C.M.(1:6) in external surface of wall including cost ,conveyance etc as per direction of Engineer-in-charge	394.95	Sqm	133.96	52907.32
10	16 mm thick cement plaster in C.M.(1:6) in internal surface of wall including cost ,conveyance etc as per direction of Engineer-in-charge	226.15	Sqm	191.12	43221.79
11	Fixing tiles (vetrifed tiles 600mm x 600mm ) in floors , treads or steps and landing on 20mm thicks bed of CM 1:4 jointed with neat cement slury mixed with pigment to match the shade of the tiles including rubing and polishing with cost conveyance of all materials etc complete.	176.00	Sqm	935.26	164604.68
12	Fixing vetrified tiles In wall, skirting & risers of steps on 12 mm thick cement plaster (1:3) ratio jointed with neat cement slury mixed with pigments to match the shade of tiles including rubbing & polishing complet as direction of enoo In charge.	18.85	Sqm	1034.63	19502.81
13	6mm thick cement plaster	175.70	Sqm	142.96	25118.07
14	Fixing chequered tiles on floors ,step etc complete	18.65	Sqm	474.38	8846.81
15	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.	723.26	Sqm	59.07	42723.19

16	shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc complete as per direction of Engineer In charge.	723.26	Sqm	72.84	52684.50
17	Supplying, fitting afixing of stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe	126.96	kg	330.48	41954.84
18	aluminum anodized section No.9210 and 9207 as single groove and double groove respectively, as horizontal and vertical member and OEL section 4660 as Tapered clip for fixing up 12mm thick pre-laminated board (Nova pan make) & 6mm thick plain glass and jointing angle No.1855 etc. complete in all respect.	16.45	Sqm	5640.17	92779.74
19	Supplying fitting, fixing fully glazed aluminum framed openable windows using 15 micron anodized OEL aluminum section 2082 as out section, 9139 as mullion section, 4124 as a shutter section frame with tapered clip of section 4125, aluminum angle , rubber beading, friction stay and handle etc. with 5mm black glass.(SR-2006 item No-8 page -241)	74.07		658.94	48810.48
20	Supplying,fitting and fixing MS Grills,Doors and Windows made out of structural steel flat etc as per direction of Engineer in charge.	968.40	KG	132.29	128106.63
21	Priming one coat on new iron work & wood work with all cost of material & labour T & P etc complete as per direction of Engineer In charge.	67.35	Sqm	55.09	3710.34
22	work / iron work with all cost, of materials and labour, T & P etc completed as per direction of Engineer in charge.	67.35	Sqm	138.34	9317.67

Total

Rs

2533339.00

Rupees(Twentyfive lakhs thirtythree thousand three hundred thirtynine)only

TOTAL 22 (TWENTY TWO) NOS ITEM ONLY

Approved for 22(Twenty two ) items only

  
Assistant Engineer  
Ghasipura Block

  
Executive Engineer  
DRDA Keonjhar

**TO BE FILLED BY THE TENDERER**

1) My/ Our quoted rate is (both in figure and words)

	in Figure	In words
Equal to Estimate Cost	%	
Excess in Percentage	%	
Less in Percentage	%	

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**Executive Engineer**  
DRDA Keonjhar

**Block Development Officer**  
Ghasipura Block

10

ORIGINAL

**BILL OF QUANTITY (BOQ)**

**NAME OF THE WORK:** - Construction of Science Lab & Toilet at Kushaleswar High School, Deogaon for the year 2020-21

Amount put to Tender

Rs 1718221.00

Class of Contractor

"C" & "D"

Cost of Tender Paper

RS 6000.00

Date required for completion

3 (THREE) CALENDER MONTH

Sl. No.	Description of Item	Total Qty.	Unit	Rate	Amount
1	Earth work in hard soil or gravelling soil for excavation of foundation including dressing and levelling of beds and depositing the soil away from the work side with all lead & lift including cost of all labour, T & P, dewatering, shoring and shuttering for the work etc. complete & as per direction of Engineer in charge	86.37	Cum	182.77	15785.84
2	Supplying and Filling in foundation and plinth with sand, well watered and rammed with all leads and lifts, cost convenience and royalty and all taxes of materials, cost of labour, T & P, dewatering, required for the works etc. complete in all respect as directed by engineer-in-charge.	84.25	Cum	322.83	30426.73
3	Cement concrete of proportion (1:4:8) with using 40 MM size hbg metal free from weathered and skin with including cost, convenience, royalty and taxes of all materials, labour etc including curing, dewatering if required in all respect including centering and shuttering etc. complete & as per direction of Engineer in charge	4.42	Cum	4001.45	17586.41
4	Cement concrete of proportion (1:3:6) with using 40 MM size hbg metal free from weathered and skin with including cost, convenience, royalty and taxes of all materials, labour etc including curing, dewatering if required in all respect including centering and shuttering etc. complete & as per direction of Engineer in charge	21.36	cum	4594.89	98146.85
5	R.C.C (M20) using 12mm H.G.C.B chips including centering & shuttering cost, conveyance, royalty etc complete as per the direction of Engineer in charge.				
a	Footing	12.22	Cum	5221.14	63802.33
b	Plinth beam	4.06		5530.40	22453.42
c	Column & Wall Beam	11.22		11437.91	128333.35
d	Lintel & Sill band	1.98		9928.98	19659.38
e	Roof slab	16.87		9855.77	166266.84
6	Suppling, coiled M.S rod or HYSD steel (Fe-415), cutting, bending, cranking, hooking, lacing or jointing (if required) reinforcement including labour charges for cutting, bending, binding and straightening and tying the grille and placing in position including cost of binding wire 18 to 20 gauge as per drawing and technical specification as directed by the engineering-in-charge.	36.05	Qd	7573.59	273027.92

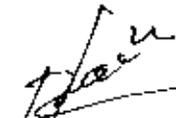
Sl. No.	Description of Item	Total Qty.	Unit	Rate	Amount
7	Fly ash brick(26cmx12cmx8cm) masonry in CM(1:6)for superstructure in foundation and plinth having a crushing strength of not less than 75 kg/sqcm including splay cutting, circular moulding, chamfering and curbing and watering, curing etc including cost, conveyance, royalty and all taxes of materials with cost. of labour, T & P etc. complete required for the work complete in all respect as directed by the engineering -in-charge.				
(a)	foundation	30.84	Cum	4172.15	128689.11
(b)	In superstructure .	48.03	Cum	4210.10	193790.90
8	12 mm thick cement plaster in C.M. (1:6) finishing smooth to outer side brickwork after ranking out the joints including watering and curing with cost, conveyance, royalty of all materials , labour with T & P required for the work including all taxes etc. complete in all respect all floors as directed by engineering-in-charge.	308.71	Sqm	139.28	42997.13
9	16 mm thick cement plaster in C.M. (1:6) finishing smooth to inner side brickwork after ranking out the joints including watering and curing with cost, conveyance, royalty of all materials , labour with T & P required for the work including all taxes etc. complete in all respect all floors as directed by engineering-in-charge.	177.42	Sqm	197.60	35040.45
10	20 mm thick cement plaster in C.M. (1:4) grading finishing smooth to outer side brickwork after ranking out the joints including watering and curing with cost, conveyance, royalty of all materials , labour with T & P required for the work including all taxes etc. complete in all respect all floors as directed by engineering-in-charge.	138.87	Sqm	219.27	30450.02
11	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.	587.44	Sqm	59.07	34700.08
12	Finishing wall with weather coat paint of approved shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc complete as per direction of Engineer in charge.	587.44	Sqm	72.84	42789.13
13	Supplying,fitting and fixing MS Grills,Doors and Windows made out of structural steel flat etc as per direction of Engineer in charge.	677.29	Sqm	70.00	47410.30
14	Priming one coat on new iron work & wood work with all cost of material & labour T & P etc complete as per direction of Engineer in charge.	30.10	Sqm	55.09	1658.21
15	Painting two coats with any approved on new wood work / iron work with all cost, of materials and labour, T & P etc completed as per direction of Engineer in charge.	41.81	Sqm	138.34	5784.00
16	Fixing tiles in floor over thick bed of cement mortar 1:1 including rubbing and polishing excluding cost of tiles	138.74	Sqm	952.28	132119.33
17	Fixing tiles (cement Chequered Tile) in dadoes and riser of steps on 12mm thick cement plaster (1:3) including rubbing and polishing excluding cost of tiles	7.53	Sqm	491.38	3700.09

Sl. No.	Description of Item	Total Qty.	Unit	Rate	Amount
18	Supplying, fitting and fixing Stainless Steel	128.85	Sqm	330.48	41954.44
19	Supply Fitting Fixing Fully Glazed Aluminium	74.04	Sqm	658.94	48737.92
20	Fitting Fixing of Partition Walling Aluminium	16.45	Sqm	5640.17	92780.80
					<b>1718221.00</b>

(SEVENTEEN LAKHS EIGHTEEN THOUSAND TWO HUNDRED TWENTY ONE) ONLY

TOTAL 20 NOS ITEM ONLY

Approved for 20 items only

  
Assistant Engineer  
Ghasipura Block

  
Executive Engineer  
22/04/2024  
DRDA Keonjhar

**TO BE FILLED BY THE TENDERER**

1) My/ Our quoted rate is (both in figure and words)

	in Figure	In words
Equal to Estimate Cost	%	
Excess in Percentage	%	
Less in Percentage	%	

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**Executive Engineer  
DRDA Keonjhar**

**Block Development Officer  
Excess In Percentage**

(3)

ORIGINAL

**ABSTRACT COST**

Name of the work: -CONSTRUCTION OF ACR SCIENCE LAB,&amp; TOILET AT JANAMANGALA HIGH SCHOOL.

Amount put to Tender : Rs 8073484.00  
 Class of Contractor : A' & B' class only  
 Cost of Tender Paper : Rs.10,000.00  
 Date required for completion : 5(Five) calender Month

Sl. N	Description of Item	Unit	Quantity		Total Qty.	Rate	Amount	
1	Earth work in hard soil or gravelling soil for excavation of foundation including dressing and levelling of beds and depositing the soil away from the work side with all lead & lift including cost of all labour, T & P, dewatering, shoring and shuttering for the work etc. complete & as per direction of Engineer in charge.	Cum	16.18	70.19	274.91	361.28	182.77	66031.15
2	Supplying and Filling in foundation and plinth with sand, well watered and rammed with all leads and lifts, cost convenience and royalty and all taxes of materials, cost of labour, T & P, dewatering, required for the works etc. complete in all respect as directed by engineer-in-charge.	Cum	7.00	87.25	264.85	359.10	410.83	147529.05
3	Cement concrete of proportion (1:4:8) with using 40 MM size hbg metal free from weathered and skin with including cost, convenience, royalty and taxes of all materials, labour etc including curing, dewatering if required in all respect including centering and shuttering etc. complete & as per	Cum	4.42	0.00	4.42	4128.17		18246.51
4	Cement concrete of proportion (1:3:6) with using 40 MM size hbg metal free from weathered and skin with including cost, convenience, royalty and taxes of all materials, labour etc including curing, dewatering if required in all respect including centering and shuttering etc. complete & as per	cum	0.00	21.36	57.59	78.95	4721.61	372771.11
5	R.C.C (M20) using 12mm H.G.C.B chips including centering & shuttering cost, conveyance, royalty etc complete as per the direction of Engineer incharge.							
a	Footing	Cu	0.98	11.24	36.02	48.24	5339.94	257598.71
b	Plinth beam		0.76	3.30	20.48	24.54	5649.94	138649.53
c	Column & Wall Beam		0.90	10.40	18.16	29.46	11556.71	340460.68
c	Column & Wall Beam (1st Floor)		0.00	0.00	18.16	18.16	12907.71	234404.01

c	Column & Wall Beam (2st Floor)		0.00	0.00	1.16	1.16	14258.72	16540.12
d	Lintel & Sill band		0.00	1.98	4.09	6.07	10047.78	60990.02
d	Lintel & Sill band (1st Floor)		0.00	0.00	4.09	4.09	12146.22	49678.04
e	Roof slab		2.57	14.30	45.45	62.32	9974.57	621615.20
f	Roof slab (1st Floor)				41.45	41.45	11009.15	456329.27
6	Suppling, coiled M.S rod or HYSD steel (Fe-415),cutting, bending,cracking,hooking,olding or jointing (If required) reinforcement including labour charges for cutting, bending, binding and straightening and tying the grills and placing in position including cost of binding wire 18 to 20 gauge as per drawing and technical specifcaiton as directed by the engineering-in-charge.	Qty	3.13	32.97	178.97	215.07	7543.65	1622412.81
7	Fly ash brick(25cmx12cmx8cm) masonry in CM(1:6)for superstructure in foundation and plinth having a crushing strength of not less than 75 kg/sqcm including splays cutting, circular moulding, chamfering and curbing and watering, curing etc including cost, conveyance, royalty and all taxes of materials with cost. of labour, T&P etc. complete required for the work complete in							
(a)	foundation	Cum	8.85	21.99	57.41	88.25	4286.13	376485.97
(b)	In superstructure .	Cum	11.63	0.00	77.01	88.64	4561.08	404294.13
		Cum		35.14		35.14	4304.08	151245.37
(c)	1St Floor	Cum	0.00	0.00	55.76	55.76	4866.64	270806.25
(c)	2St Floor	Cum	0.00	0.00	8.55	8.55	5196.62	44430.25
8	12 mm thick cement plaster in C.M. (1:6) finishing smooth to outer side brickwork after ranking out the joints including watering and curing with cost, conveyance, royalty of all materials , labour with T & P required for the work including all taxes etc. complete in all respect all floors as directed by engineering-in-charge.							
	Ground Floor	Sqm	84.92	249.44	291.74	606.10	140.60	85217.66
	1St Floor	Sqm	0.00	0.00	291.74	291.74	145.92	42570.70
	2St Floor	Sqm	0.00	0.00	35.97	35.97	161.25	5440.46
9	16 mm thick cement plaster in C.M. (1:6) finishing smooth to inner side brickwork after ranking out the joints including watering and curing with cost, conveyance, royalty of all materials , labour with T & P required for the work including all taxes etc. complete in all respect all floors as directed by engineering-in-charge.							
	Ground Floor	Sqm	84.92	118.15	263.93	447.00	199.08	88988.76

	1St Floor	Sqm	0.00	0.00	263.93	263.93	203.83	53796.85
	2St Floor	Sqm	0.00	0.00	33.82	33.82	206.58	7054.18
10	20 mm thick cement plaster in C.M. (1:4) grading finishing smooth to outer side brickwork after ranking out the joints including watering and curing with cost, conveyance, royalty of all materials, labour with T & P required for the work including all taxes etc. complete in all respect all floors as directed by engineering-in-charge.							
	Ground Floor	Sqm	22.18	116.69	285.78	424.65	221.30	93975.05
11	6 mm thick cement plaster in C.M. (1:6)							
	Ground Floor	Sqm	0.00	0.00	239.68	239.68	149.50	35832.16
	1St Floor	Sqm	0.00	0.00	239.68	239.68	153.02	36675.83
12	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.							
	Ground Floor	Sqm	129.84	468.91	795.35	1394.10	59.07	82349.49
	1St Floor	Sqm	0.00	0.00	795.35	795.35	60.48	48110.72
13	Finishing wall with weather coat paint of approved shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc complete as per direction of Engineer in charge.							
	Ground Floor	Sqm	129.84	468.91	291.74	890.49	72.84	64863.29
	1St Floor	Sqm	0.00	0.00	291.74	291.74	74.38	21699.62
	2St Floor	Sqm	0.00	0.00	35.97	35.97	76.91	2730.48
14	Plastic Emulsion paint							
	Ground Floor	Sqm	0.00	0.00	503.61	503.61	79.29	39931.24
	1St Floor	Sqm	0.00	0.00	503.61	503.61	80.83	40706.80
	2St Floor	Sqm	0.00	0.00	33.82	33.82	82.36	2785.42
15	Supplying, fitting and fixing MS Grills, Doors and Windows made out of structural steel flat etc as per direction of Engineer in charge.							
	Ground Floor	Sqm	168.00	509.29	0.00	677.29	70.00	47410.30
	1St Floor	Sqm	0.00	0.00	3597.35	3597.35	132.29	475893.43

16	Priming one coat on new iron work & wood work with all cost of material & labour T & P etc complete as per direction of Engineer in charge.							
	Ground Floor	Sqm	0.00	0.00	160.28	160.28	63.03	8499.65
		Sqm	0.00	30.10	0.00	30.10	55.09	1658.21
	1St Floor	Sqm	0.00	0.00	160.28	160.28	54.45	8727.25
17	Painting two coats with any approved on new wood work / iron work with all cost, of materials and labour, T & P etc completed as per direction of Engineer in charge.							
	Ground Floor	Sqm	11.71	30.10	520.90	562.71	138.34	77845.30
	1St Floor	Sqm	0.00	0.00	520.90	520.90	141.72	73821.95
18	Fixing tiles in floor over thick bed of cement mortar 1:1 including rubbing and polishing excluding cost of tiles							
	Ground Floor	Sqm	37.42	101.32	282.88	421.62	964.62	402444.72
	1St Floor	Sqm	0.00	0.00	282.88	282.88	963.64	272594.48
19	Fixing tiles (cement Chequered Tile) in dados and riser of steps on 12mm thick cement plaster (1:3) including rubbing and polishing excluding cost of tiles							
	Ground Floor	Sqm	0.00	7.53	7.53	15.06	493.23	7428.04
	1St Floor	Sqm	0.00	0.00	10.96	10.96	602.74	5510.03
20	Supplying, fitting and fixing Stainless Steel							
	Ground Floor	Sqm	0.00	128.95	317.30	444.25	330.48	146815.74
21	Supply Fitting Fixing Fully Glazed Aluminium framed openable windows	Sqm	0.00	70.07	0.00	74.07	658.94	48807.69
22	Fitting Fixing of Partition Walling Aluminium anodized section	Sqm	0.00	16.45	0.00	16.45	6640.17	92760.80
			Total				Rs.	8073484.45

Orsay

Rs.

8073484.00

(Rupees Eightylakhs seventythree thousand fourhundred eightyfour) only.

22 nos of item only

  
Assistant Engineer  
Ghasipura Block

  
Executive Engineer  
DRDA Keonjhar

**TO BE FILLED BY THE TENDERER**

1) My/ Our quoted rate is (both in figure and words)

	in Figure	In words
Equal to Estimate Cost	%	
Excess in Percentage	%	
Less in Percentage	%	

**Notes:-**

- 1) The Tenderer should quote the percentage up to one decimal point only.
- 2) The Tenderer should go through the special conditions in the DTCN for percentage rate contract
- 3) The Tenderers should quote their percentage only inside the space provided for the purpose .
- 4) The percentage quoted at any other place will not be taken into consideration.

**Executive Engineer  
DRDA Keonjhar**

**Block Development Officer  
Ghasipura Block**

BILL OF QUANTITY (BOQ)

NAME OF THE WORK: - Construction of Additional classroom, Toilet and Science lab at L.N HS, Ramchandrapur for the year 2020-21

Amount put to Tender	:	Rs. 4,977,320.00
Class of Contractor	:	B* & A class only
Cost of Tender Paper	:	Rs. 6000.00
Date required for completion	:	3(Three) calendar Month

Sl. no.	Item of Work	Quantity	Unit	Rate	Amount
1	Earthwork in excavation of foundation in hard soil or gravelly soil except sheet rock requiring blasting to proper profile with all leads, lifts and delifts to proper section and profile including dressing and levelling the bed upto required depth . as per direction of Engineer-in-charge	174.79	cum	182.77	31946.37
2	Supplying, filling in foundation and plinth with sand, watered and rammed including cost, conveyance & royalty and all taxes of materials cost of all labour with T&P etc. complete. as per direction of Engineer-in-charge	232.74	cum	366.83	85376.01
3	P.C.C (1:3:6) in foundation and plinth using 25mm H.G.C.B metal including cost, conveyance, royalty etc complete as per the direction of Engineer incharge.	53.65	cum	4700.49	252181.29
4	P.C.C (1:4:8) in foundation and plinth using 40mm H.G.H.B metal including cost, conveyance, royalty etc complete as per the direction of Engineer incharge.	4.42	cum	4107.05	18153.16
5	R.C.C (M20) using 12mm H.G.C.B chips including centering & shuttering cost, conveyance, royalty etc complete as per the direction of Engineer incharge.				
a	Footing	26.30	Cum	5320.14	139919.68
b	Plinth beam	10.54	Cum	5629.40	59333.88
c	Column & Wall Beam	29.16	Cum	11536.91	336416.30
	Column & Wall Beam 1st floor	9.63	Cum	12887.91	124110.57
d	Lintel & Sill band	5.83	Cum	10027.98	58463.12
	Lintel & Sill band 1st floor	2.49	Cum	11077.20	27582.23
e	Roof slab	41.45	Cum	9954.77	412625.22
	Roof slab 1st floor	17.12	Cum	10989.35	188137.67
f	stair case(G.Floor)	2.85	Cum	11096.66	31625.48
	stair case(1st.Floor)	2.85	Cum	12359.62	35224.92

6	Straightening, cutting, bending, binding of M.S rod or Tor steel, tying up the grills and placing in position including cost of binding wire with all cost conveyance, taxes etc completed in all respect as per the direction of Engineer in charge.	127.73	Qntf	7573.59	967374.65
7	Fly ash brick massonary with cement mortar (1:6) in foundation and plinth including cost, conveyance, royalty, taxes of all materials, all labour T & P sundries etc complete as per direction of Engineer in charge.				
	foundation	65.50	cum	4253.81	278624.56
	in superstructure	94.69	cum	4291.76	406386.75
	1st floor	38.91	cum	4548.76	176992.25
8	12 mm thick cement plaster in C.M.(1:6) in external surface of wall including cost ,conveyance etc as per direction of Engineer-in-charge				
	Ground floor	535.64	Sqm	139.94	74957.46
	1st floor	161.27	Sqm	145.26	23426.08
9	16 mm thick cement plaster in C.M.(1:6) in internal surface of wall including cost ,conveyance etc as per direction of Engineer-in-charge				
	Ground floor	421.12	Sqm	198.29	83503.88
	1st floor	145.60	Sqm	203.04	29562.62
10	20mm thick cement plaster with cement mortar (1:4) grading finishing smooth outside bw after ranking out the joint including watering and curing with cost , conveyence, royalties, taxes etc of all materials, costs of all labour sundries T& P etc complete as per direction of Engineer in charge.	352.30	Sqm	220.29	77608.17
11	6mm thick cement plaster C.M(1:6)				
	Ground floor	218.06	Sqm	149.17	32528.01
	1st floor	123.19	Sqm	152.69	18809.88
12	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.				
	Ground floor	1706.18	Sqm	59.07	100784.05
13	Finishing wall with Weather coat paint of approved shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc complete as per direction of Engineer in charge.				
	Ground floor	587.44	Sqm	72.84	42789.13
	1st floor	1118.74	Sqm	74.38	83211.88
14	Supplying,fitting and fixing MS Grills,Doors and Windows made out of structural steel flat etc as per direction of Engineer in charge.	2205.02	KG	70.00	154351.40

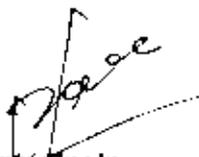
15	Priming one coat on new iron work & wood work with all cost of material & labour T & P etc complete as per direction of Engineer in charge.				
	Ground floor	81.10	Sqm	53.03	4300.73
	1st floor	30.10	Sqm	55.09	1658.21
16	Painting two coats with any approved on new wood work / iron work with all cost, of materials and labour, T & P etc completed as per direction of Engineer in charge.	128.91	Sqm	138.34	17833.41
17	Fixing tile in floor over thick bed of cement mortar 1:1 including rubbing and polishing excluding cost of tile				
	Ground floor	321.19	Sqm	953.20	306158.31
	1st floor	112.30	Sqm	962.71	108112.33
18	Fixing of cement chapered tile in dados and nosel or steps on 12mm thick cement plaster(1:3) including rubbing polishing excluding cost of tiles	7.53	Sqm	492.30	3707.02
19	Supplying, fitting,fixing stainless steel	126.95	Sqm	330.48	41954.44
20	Supplying fitting fixing fully glazed aluminium	74.07	Sqm	658.94	48807.69
21	fitting fixing of partition wall	16.45	Sqm	5640.17	92780.80

Total 4977319.61

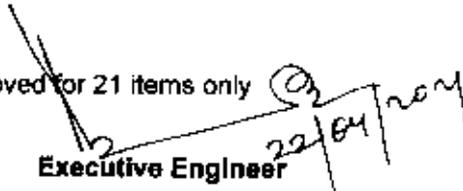
Total 4977320.00

(Forty nine lakh seventy seven thousand three hundred twenty)

TOTAL 21 NOS ITEM ONLY

  
Assistant Engineer  
Ghasipura Block

Approved for 21 items only

  
Executive Engineer  
DRDA Keonjhar

**TO BE FILLED BY THE TENDERER**

1) My/ Our quoted rate is (both in figure and words)

	in Figure	in words
Equal to Estimate Cost	%	
Excess in Percentage	%	
Less in Percentage	%	

**Notes:-**

- 1) The Tenderer should quote the percentage up to one decimal point only.  
tendering .
- 3) The Tenderers should quote their percentage only inside the space provided for the purpose .
- 4) The percentage quoted at any other place will not be taken into consideration.

**Executive Engineer**  
DRDA Keonjhar

**Block Development Officer**  
**Excess in Percentage**

376

Original

BILL OF QUANTITY (BOQ)

construction of Additional Class Room, Science Lab, Toilet and Boundary wall at D.B.H.S. Taruan

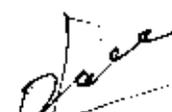
Amount put to Tender : Rs. 4,808,470.00  
Class of Contractor : B & A class only  
Cost of Tender Paper : Rs. 6000.00  
Date required for completion : 3(Three) calendar Month

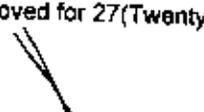
Sl.	Item of Work	Quantity	Unit	Rate	Amount
1	Earthwork in excavation of foundation in hard soil or gravelly soil except sheet rock requiring blasting to proper profile with all leads, lifts and delifts to proper section and profile including dressing and levelling the bed upto required depth as per direction of Engineer-in-charge	285.86	cum	182.77	52245.83
2	Supplying, filling in foundation and plinth with sand, watered and rammed including cost, conveyance & royalty and all taxes of materials cost of all labour with T&P etc. complete. as per direction of Engineer-in-charge	258.00	cum	322.83	83290.30
3	C.C (1:3:6) using 40 mm hg metal in foundation with 40 mm size hand Broken metal including cost, conveyance, royalty etc complete as per direction of Engineer-in-charge	69.96	Cum	4400.19	307837.29
4	R.C.C (M20) using 20mm H.G.C.B chips including centering & shuttering cost, conveyance, royalty etc complete as per the direction of Engineer incharge.				
a	Footing	23.31	Cum	4827.95	112539.53
b	Plinth beam	9.90	Cum	5137.21	50858.40
c	Column & Wall Beam	28.75	Cum	11044.71	317535.54
d	Lintel & Sill band	5.92	Cum	9535.79	56451.86
e	Roof slab and Chajja	40.80	Cum	9462.58	386073.18
5	Straightening bent up or coiled M.S. rod or HYSD steel (Fe- 415), cutting, bending, cracking, hooking, welding or jointing (if required), the M.S rod or HYSD steel and binding, tying the grills, hoisting, lowering and placing in proper position as require	112.32	Qntf	7582.23	851636.11

6	Fly ash brick masonry with cement mortar (1:6) in foundation and plinth including cost, conveyance, royalty, taxes of all materials, all labour T & P sundries etc complete as per direction of Engineer in charge.	122.48	Cum	4204.10	514918.17
7	Brick work with Fly ash brick with cement mortar (1:6) in superstructure including cost, conveyance, royalty, taxes of all materials, all labour T & P sundries etc complete as per direction of Engineer in charge.	158.25	Cum	4242.05	671304.41
8	Providing 20 mm thick grading plaster (1:4) over roof slab including cost, conveyance, royalty, curing all etc complete	306.36	Sqm	212.00	64949.27
9	12 mm thick cement plaster in C.M.(1:6) in external surface of wall including cost ,conveyance etc as per direction of Engineer-in-charge	503.70	Sqm	133.60	67294.32
10	16 mm thick cement plaster in C.M.(1:6) in internal surface of wall including cost ,conveyance etc as per direction of Engineer-in-charge	1038.41	Sqm	190.68	198004.02
11	Fixing tiles (vetrified tiles 600mm x 600mm ) in floors , treads or steps and landing on 20mm thick bed of CM 1:4 jointed with neat cement slurry mixed with pigment to match the shade of the tiles including rubing and polishing with cost conveyance of all materials etc complete.	258.37	Sqm	935.28	241648.15
12	Fixing the tiles in dados skirting risers of on 12 mm thick C.P. (1:3) jointed with neat	24.62	Sqm	1016.31	25021.50942
13	6mm thick cement plaster(1:6) over RCC Surface	217.74	Sqm	142.94	31124.21
14	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.	1107.75	Sqm	59.07	65434.79
15	approved shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc complete as per direction of Engineer in charge.	1188.78	Sqm	72.84	86590.74
16	Supplying, fitting and fixing MS Grills, Doors and Windows made out of structural steel flat etc as per direction of Engineer in charge.	1628.27	KG	134.08	218314.45

17	Priming one coat on new iron work & wood work with all cost of material & labour T & P etc complete as per direction of Engineer in charge.	103.13	Sqm	53.03	5469.23
18	Painting two coats with any approved on new wood work / Iron work with all cost, of materials and labour, T & P etc completed as per direction of Engineer in charge.	103.13	Sqm	138.34	14267.20
19	RCC M20 HBGC	25.79	cum	5749.05	148268.00
20	Fixing chequered tiles in floor ,tread,steps etc..	7.53	sqm	474.39	3572.16
21	Supplying fully glazed aluminium framed openable windows	74.07	KG	658.94	48807.69
22	Supplying fitting fixing stainless steel 304 grade in hand railing	126.95	KG	330.48	41954.44
23	Supplying fitting fixing up partition walling aluminium anodized section	16.45	sqm	5640.17	92760.80
24	Fitting fixing of ceramic tiles in floors	6.22	sqm	866.93	5392.30
25	Fitting fixing of ceramic tiles in walls	23.60	sqm	866.93	20459.55
26	2.5cm thick A.S flooring with CC 1:2:4 including punning	4.65	sqm	295.52	1374.17
27	Priming wall with water proofing cement paint of approved shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc complete as per direction of Engineer in charge.	648.80	sqm	35.53	23051.86
Total					4808470

(Rupees Forty eight Lakhs eight Thousand four hundred seventy)Only  
TOTAL 27 (TWENTY seven) NOS ITEM

  
Assistant Engineer  
Ghasipura Block

Approved for 27(Twenty seven ) items only  
  
Executive Engineer  
DRDA Keonjhar  
22/04/2021

**TO BE FILLED BY THE TENDERER**

1) My/ Our quoted rate is (both in figure and words)

Equal to Estimate Cost

Excess in Percentage

Less in Percentage

in Figure

	%
	%
	%

In words


**Notes:-**

- 1) The Tenderer should quote the percentage up to one decimal point only
- 2) The Tenderer should go through the special conditions in the DTCN for percentage rate contract before tendering .
- 3) The Tenderers should quoted their percentage only inside the space provided for the purpose .
- 4) The percentage quoted at any other place will not be taken into consideration.

**Executive Engineer**  
DRDA Keonjhar

**Block Development Officer**  
Ghasipura Block

27

**BILL OF QUANTITY (BOQ)**

ORIGINAL

**NAME OF THE WORK: - Construction of Additional classroom at Panchyat High School at Balarampur for the year 2020-21**

Amount put to Tender	:	Rs. 1,088,022.00
Class of Contractor	:	D' & C' class only
Cost of Tender Paper	:	Rs.6000.00
Date required for completion	:	3(Three) calender Month

**ABSTRACT OF COST**

Sl. no.	Item of Work	Quantity	Unit	Rate	Amount
1	Earthwork in excavation of foundation in hard soil or gravelly soil except sheet rock requiring blasting to proper profile with all leads, lifts and delifts to proper section and profile including dressing and levelling the bed upto required depth as per direction of Engineer-in-charge	13.51	cum	182.77	2468.64
2	Supplying, filling in foundation and plinth with sand, watered and rammed including cost, conveyance & royalty and all taxes of materials cost of all labour with T&P etc. complete. as per direction of Engineer-in-charge	9.90	cum	322.83	3195.98
3	P.C.C (1:3:6) in foundation and plinth using 25mm H.G.C.B metal including cost, conveyance, royalty etc complete as per the direction of Engineer incharge.	0.5	cum	4594.89	2124.38
4	R.C.C (M20) using 12mm H.G.C.B chips including centering & shuttering cost, conveyance, royalty etc complete as per the direction of Engineer incharge.				
a	Footing	1.96	Cum	5221.14	9084.78
b	Plinth beam	2.98	Cum	5530.40	3796.42
c	Column & Wall Beam(G.Floor)	1.72	Cum	11437.91	18719.30
d	Column & Wall Beam(1st floor)	8.35	Cum	12208.74	101927.83
e	Lintel Staircase(G Floor)	0.36	Cum	9928.98	3347.71
	Lintel & sill band	1.96	cum	10398.02	20332.91
e	Roof slab (1st Floor)	12.88	Cum	10310.17	132786.92
5	Straightening, cutting, bending, binding of M.S rod or Tor steel, tying up the grills and placing in position including cost of binding wire with all cost conveyance, taxes etc completed in all respect as per the direction of Engineer in charge.	21.89	Cum	7543.65	166312.18

6	Fly ash brick masonry with cement mortar (1:6) in foundation and plinth including cost, conveyance, royalty, taxes of all materials, all labour T & P sundries etc complete as per direction of Engineer in charge.	0.83	Cum	4172.15	3388.26
7	Brick work with Fly ash brick with cement mortar (1:6) in superstructure including cost, conveyance, royalty, taxes of all materials, all labour T & P sundries etc complete as per direction of Engineer in charge.				
a	G.Floor	6.09	cum	4354.86	26513.88
b	1st Floor	31.82	cum	4650.41	147974.57
8	Providing 20 mm thick grading plaster (1:4) over roof slab including cost, conveyance, royalty, curing all etc complete	103.05	Sqm	219.27	21315.34
9	12 mm thick cement plaster in C.M.(1:6) in external surface of wall including cost ,conveyance etc as per direction of Engineer-in-charge				
a	G.Floor	29.48	sqm	133.30	3929.31
b	1st Floor	232.39	sqm	138.62	32214.60
10	16 mm thick cement plaster in C.M.(1:6) in internal surface of wall including cost ,conveyance etc as per direction of Engineer-in-charge				
a	G.Floor	24.85	sqm	190.33	4729.84
b	1st Floor	360.45	sqm	195.08	70315.53
11	12mm thick cement plaster with cement mortar (1:6) cement punning for dadoes and skirting including cost, conveyance, royalties, taxes etc of all materials, costs of all labour sundries T & P etc complete as per direction of Engineer in charge.	15.68	Sqm	148.84	2387.47
12	25mm thick A.S flooring with C.C (1:2:4) including punning using 12mm size H.G.C.B chips including cost, conveyance, royalties, taxes etc of all materials, costs of all labour sundries T & P etc complete as per direction of Engineer in charge.	83.45	sqm	300.56	25081.37
13	Supplying, fitting afixing of stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe	63.48	kg	330.48	20977.42
14	Applying 1 coat of primer over plaster surface including all cost, taxes etc complete as per direction of Engineer in charge.				
	G.Floor	54.33	Sqm	59.07	3209.15
	1st Floor	577.15	Sqm	60.49	34914.40

15	Finishing wall with weather coat paint of approved shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc complete as per direction of Engineer in charge.				
	G.Floor	54.33	Sqm	72.84	3957.39
	1st Floor	577.15	Sqm	74.38	42925.96
16	Supplying, fitting and fixing MS Grills, Doors and Windows made out of structural steel flat etc as per direction of Engineer in charge.	1136.85	kg	70.00	150390.29
17	Priming one coat on new iron work & wood work with all cost of material & labour T & P etc complete as per direction of Engineer in charge.	87.63	Sqm	53.03	4771.62
18	Painting two coats with any approved on new wood work / iron work with all cost, of materials and labour, T & P etc completed as per direction of Engineer in charge.	87.63	Sqm	141.72	12418.86
	<b>Total</b>				1088022.00

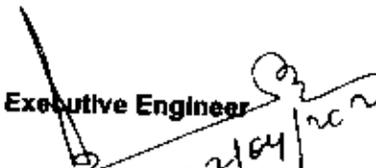
(TEN LAKHS EIGHTY EIGHT THOUSAND TWENTY TWO) ONLY

TOTAL 18 NOS ITEM ONLY

Approved for 18 items only

  
Assistant Engineer

Ghasipura Block

  
Executive Engineer  
22/04/2024  
DRDA Keonjhar

**TO BE FILLED BY THE TENDERER**

1) My/ Our quoted rate is (both in figure and words)

	in Figure	In words
Equal to Estimate Cost	%	
Excess in Percentage	%	
Less in Percentage	%	

**Notes:-**

- 1) The Tenderer should quote the percentage up to one decimal point only.
- 2) The Tenderer should go through the special conditions in the DTCN for percentage rate contract before
- 3) The Tenderers should quoted their percentage only inside the space provided for the purpose .
- 4) The percentage quoted at any other place will not be taken into consideration.

**Executive Engineer**  
DRDA Keonjhar

**Block Development Officer**  
**Excess In Percentage**



ORIGINAL

**BILL OF QUANTITY (BOQ)****NAME OF THE WORK: - Construction of Additional classroom at Govt Girls High School, Deogaon, for the year 2020-21**

Amount put to Tender : Rs. 1,025,381.00  
Class of Contractor : D' & C' class only  
Cost of Tender Paper : Rs. 6000.00  
Date required for completion : 3(Three) calendar Month

Sl. no.	Item of Work	Quantity	Unit	Rate	Amount
1	Earthwork in excavation of foundation in hard soil or gravelly soil except sheet rock requiring blasting to proper profile with all leads, lifts and delifts to proper section and profile including dressing and levelling the bed upto required depth. as per direction of Engineer-in-charge	65.89	cum	182.77	12042.53
2	Supplying, filling in foundation and plinth with sand, watered and rammed including cost, conveyance & royalty and all taxes of materials cost of all labour with T&P etc. complete. as per direction of Engineer-in-charge	74.11	cum	322.83	23924.98
3	P.C.C (1:3:6) in foundation and plinth using 25mm H.G.C.B metal including cost, conveyance, royalty etc complete as per the direction of Engineer incharge.	13.10	cum	4594.89	60193.0590
4	R.C.C (M20) using 12mm H.G.C.B chips including centering & shuttering cost, conveyance, royalty etc complete as per the direction of Engineer incharge.				
a	Footing	11.24	Cum	5221.14	58685.61
b	Plinth beam	2.98	Cum	5530.40	16480.59
c	Column & Wall Beam	8.47	Cum	11437.91	96879.10
d	Lintel & Sill band	3.38	Cum	9928.98	33559.95
e	Roof slab	12.10	Cum	9855.77	119254.82
5	Straightening, cutting, bending, binding of M.S rod or Tor steel, tying up the grills and placing in position including cost of binding wire with all cost conveyance, taxes etc completed in all respect as per the direction of Engineer in charge.	36.26	Qntl	7543.65	273532.749

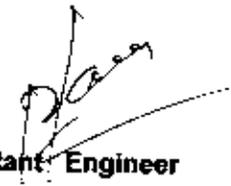
6	Fly ash brick massonary with cement mortar (1:6) in foundation and plinth including cost, conveyance, royalty, taxes of all materials, all labour T & P sundries etc complete as per direction of Engineer in charge.	14.38	Cum	4172.15	59995.52
7	Brick work with Fly ash brick with cement mortar (1:6) in superstructure including cost, conveyance, royalty, taxes of all materials, all labour T & P sundries etc complete as per direction of Engineer in charge.	9.25	cum	4210.10	38943.43
8	Providing 20 mm thick grading plaster (1:4) over roof slab including cost, conveyance, royalty, curing all etc complete	96.87	Sqm	219.27	21240.68
9	12 mm thick cement plaster in C.M.(1:6) in external surface of wall including cost ,conveyance etc as per direction of Engineer-in-charge	144.00	Sqm	139.28	20056.32
10	16 mm thick cement plaster in C.M.(1:6) in internal surface of wall including cost ,conveyance etc as per direction of Engineer-in-charge	76.95	Sqm	197.50	15197.63
11	6mm thick cement plaster with cement mortar (1:4) including cost, conveyence, royalties, taxes etc of all materials, costs of all labour sundries T& P etc complete as per direction of Engineer in charge.	87.98	Sqm	148.84	13094.94
12	Fixing tiles (vetrifed tiles 600mm x 600mm ) in floors , treads or steps and landing on 20mm thicks bed of CM 1:4 jointed with neat cement slury mixed with pigment to match the shade of the tiles including rubing and polishing with cost conveyance of all materials etc complete.	82.55	Sqm	952.28	78610.71
13	Fixing vetrified tiles in wall, skirting & risers of steps on 12 mm thick cement plaster (1:3) ratio jointed with neat cement slury mixed with pigments to match the shade of tiles including rubbing & polishing complet as dirction of engg. In charge.	6.50	Sqm	491.38	3193.97
14	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.	308.93	Sqm	59.07	18249.71
15	on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc complete as per direction of Engineer in charge.	308.93	Sqm	74.38	22978.21

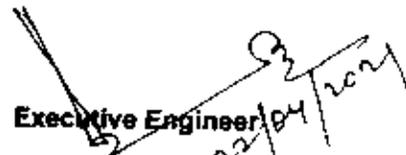
16	Supplying, fitting and fixing MS Grills, Doors and Windows made out of structural steel flat etc as per direction of Engineer in charge.	459.11	KG	70.00	32137.70
17	Priming one coat on new iron work & wood work with all cost of material & labour T & P etc complete as per direction of Engineer in charge.	37.25	Sqm	53.03	1975.37
18	Painting two coats with any approved on new wood work / iron work with all cost, of materials and labour, T & P etc completed as per direction of Engineer in charge.	37.25	Sqm	138.34	5153.24
<b>Total</b>					<b>1025381.71</b>

(TEN LAKHS TWENTY FIVE THOUSAND THREE HUNDRED EIGHTY ONE) ONLY

**TOTAL 18 NOS ITEM ONLY**

Approved for 18 items only

  
**Assistant Engineer**  
**Ghasipura Block**

  
**Executive Engineer**  
**DRDA Keonjhar**

**TO BE FILLED BY THE TENDERER**

1) My/ Our quoted rate is (both in figure and words)

Equal to Estimate Cost  
Excess in Percentage  
Less in Percentage

in Figure	
	%
	%
	%

In words

**Notes:-**

- 1) The Tenderer should quote the percentage up to one decimal point only.
- 2) The Tenderer should go through the special conditions in the DTCN for percentage rate contract before
- 3) The Tenderers should quote their percentage only inside the space provided for the purpose .
- 4) The percentage quoted at any other place will not be taken into consideration.

**Executive Engineer  
DRDA Keonjhar**

**Block Development Officer  
Excess in Percentage**

**BILL OF QUANTITY (BOQ)**

ORIGINAL

**NAME OF THE WORK: - Construction of Additional classroom, boundary wall and Science Lab at Bansidharvidyapitha, Madanpurfor the year 2020-21**

Amount put to Tender

E 4573399.50

Class of Contractor

"B" &amp; "A"

Cost of Tender Paper

RS 6000.00

Date required for completion

3 (THREE) CALENDER MONTH

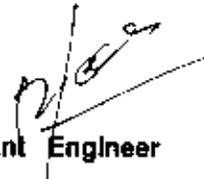
		Time of Completion: 04months			
Sl. No.	Description of Item	Unit	Total Qty.	Rate	Amount
1	Earth work in hard soil or gravelling soil for excavation of foundation including dressing and levelling of beds and depositing the soil away from the work side with all lead & lift including cost of all labour, T & P, dewatering, shoring and shuttering for the	Cum	219.88	Cum 182.77	40187.47
2	Supplying and Filling in foundation and plinth	Cum	227.48	Cum 322.83	73437.37
3	Cement concrete of proportion (1:3:6) with using 40 MM size hbg metal free from weathered and skin with including cost, convenience, royalty and taxes of all materials, labour etc including curing, dewatering if required in all respect including centering and	cum	63.99	Cum 4594.89	294027.01
4	C.C (1:2:4) using 12mm H.G.C.B chips including centering & shuttering cost, conveyance, royalty etc complete as per the direction of Engineer	cum	24.74	6103.60	151003.06
5	R.C.C (M20) using 12mm H.G.C.B chips including centering & shuttering cost, conveyance, royalty etc complete as per the direction of Engineer				
a	Footing	Cum	23.31	5221.14	121704.7734
b	Plinth beam		9.02	5530.40	49884.208
c	Column & Wall Beam		26.51	11437.91	303218.9941
d	Lintel & Sill band		5.66	9928.98	56198.0268
e	Roof slab		37.73	9855.77	371858.2021
6	Suppling, coiled M.S rod or HYSD steel (Fe-415), cutting, bending, craking, hooking, olding or jointing (if required) reinforcement including labour charges for cutting, bending, blinding and straightening and tying the grills and placing in position including cost of binding wire 18 to 20 gauge as per drawing and technical specificaiton as directed by the	QI	102.74	7673.69	778110.64

7	Fly ash brick(25cmx12cmx8cm) masonry in CM(1:6)for superstructure in foundation and plinth having a crushing strength of not less than 75 kg/sqcm including splays cutting, circular moulding, chamfering and curbing and watering, curing etc including cost, conveyance, royalty and all taxes of materials with cost of labour, T& P etc. complete					
(a)	foundation	Cum	100.79		4172.15	420511.00
(b)	In superstructure .	Cum	131.41	cum	4210.10	553249.24
8	12 mm thick cement plaster in C.M. (1:6) finishing smooth to outer side brickwork after ranking out the joints including watering and curing with cost, conveyance, royalty of all materials , labour with T & P required for the work including all taxes etc. complete in all					
	Ground Floor	Sqm	461.00	sqm	139.28	64208.08
9	16 mm thick cement plaster in C.M. (1:6) finishing smooth to inner side brickwork after ranking out the joints including watering and curing with cost, conveyance, royalty of all materials , labour with T & P required for the work including all taxes etc. complete in all					
	Ground Floor	Sqm	1850.98		197.60	365568.55
10	20 mm thick cement plaster in C.M. (1:4) grading finishing smooth to outer side brickwork after ranking out the joints including watering and curing with cost, conveyance, royalty of all materials , labour with T & P required for the work including all taxes etc. complete in all respect all floors as directed by engineering-in-charge.					
	Ground Floor	Sqm	304.55		219.67	66900.50
11	6 mm thick cement plaster in C.M. (1:6)					
	Ground Floor	Sqm	155.20		148.84	23099.97
12	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.					
	Ground Floor	Sqm	1942.29		59.07	114731.07
13	Finishing wall with weather coat paint of approved shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc complete as per direction of Engineer in charge.					
	Ground Floor	Sqm	2568.49		72.84	167088.61
4	Supplying,fitting and fixing MS Grills,Doors and Windows made out of structural steel flat etc as per direction of Engineer in charge.					

	Ground Floor	Sqm	779.29	70.00	54550.30
		Sqm	814.13	132.28	107701.26
15	Priming one coat on new iron work & wood work with all cost of material & labour T & P etc complete as per direction of Engineer in charge.				
	Ground Floor	Sqm	94.30	55.09	5194.99
16	Painting two coats with any approved on new wood work / iron work with all cost, of materials and labour, T & P etc completed as per direction of Engineer in charge.				
	Ground Floor	Sqm	94.30	138.34	13045.46
17	Fixing tiles in floor over thick bed of cement mortar 1:1 including rubbing and polishing				
	Ground Floor	Sqm	179.23	952.28	170677.14
18	Fixing tiles (cement Chequered Tile) in dados and riser of steps on 12mm thick cement plaster (1:3) including rubbing and polishing excluding cost of tiles				
	Ground Floor	Sqm	7.53	491.38	3700.09
19	Supplying, fitting and fixing Stainless Steel				
	Ground Floor	Sqm	126.95	330.48	41954.44
20	Supply Fitting Fixing Fully Glazed Alumunium	Sqm	74.07	668.94	48807.69
21	Fitting Fixing of Partition Walling Aluminium	Sqm	16.45	5640.17	92780.80
					<b>4573399</b>

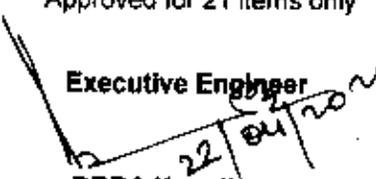
( FORTY FIVE LAKH SEVENTY THREE THOUSAND THREE HUNDRED NINETY NINE ) only.

TOTAL 21 NOS ITEM ONLY

  
Assistant Engineer

Ghasipura Block

Approved for 21 items only

  
Executive Engineer

22/04/2024  
DRDA Keonjhar

**TO BE FILLED BY THE TENDERER**

1) My/ Our quoted rate is (both in figure and words)

	in Figure	In words
Equal to Estimate Cost	%	
Excess in Percentage	%	
Less in Percentage	%	

**Notes:-**

- 1) The Tenderer should quote the percentage up to one decimal point only.
- 2) The Tenderer should go through the special conditions in the DTCN for percentage rate contract before
- 3) The Tenderers should quote their percentage only inside the space provided for the purpose .
- 4) The percentage quoted at any other place will not be taken into consideration.

**Executive Engineer**  
DRDA Keonjhar

**Block Development Officer**  
**Excess in Percentage**

**BILL OF QUANTITY (BOQ)**

Construction of science Lab &amp; drinking water supply at B.D.H.S, Purunabandhagoda

Amount put to Tender

Rs. 1,460,119.-

Class of Contractor

D' &amp; C' class only

Cost of Tender Paper

Rs.6000.00

Date required for completion

3(Three) calender Month

Sl.	Item of Work	Quantity	Unit	Rate	Amount
1	Earthwork in excavation of foundation in hard soil or gravelly soil except sheet rock requiring blasting to proper profile with all leads, lifts and delifts to proper section and profile including dressing and levelling the bed upto required depth. as per direction of Engineer-in-charge	70.19	cum	182.77	12829.31
2	Supplying, filling in foundation and plinth with sand, watered and rammed including cost, conveyance & royalty and all taxces of materials cost of all labour with T&P etc. complete. as per direction of Engineer-in-charge	87.25	cum	410.83	35845.68
3	C.C (1.3:6) using 40 mm hg metal in foundation with 40 mm size hand Broken metal including cost, conveyance, royalty etc complete as per direction of Engineer-in-charge	21.36	Cum	4721.61	100855.67
4	R.C.C (M20) using 12mm H.G.C.B chips including centering & shuttering cost, conveyance, royalty etc complete as per the direction of Engineer incharge.				
a	Footing	11.24	Cum	5339.94	60010.07
b	Plinth beam	3.30	Cum	5649.20	18619.06
c	Column & Wall Beam	10.40	Cum	11556.71	120170.65
d	Lintel & Sill band	1.98	Cum	10047.78	19869.88
e	Roof slab	14.30	Cum	9974.57	142647.23
5	Straightening bent up or coiled M.S. rod or HYSD steel (Fe- 415), cutting, bending, cracking, hooking, welding or jointing (if required), the M.S rod or HYSD steel and binding, tying the grills, hoisting, lowering and placing in proper position as require	32.97	Qntl	7573.59	249691.03

6	Fly ash brick massonary with cement mortar (1:6) in foundation and plinth including cost, conveyance, royalty, taxes of all materials, all labour T & P sundries etc complete as per direction of Engineer in charge.	21.99	Cum	4266.13	93829.19
7	Brick work with Fly ash brick with cement mortar (1:6) in superstructure including cost, conveyance, royalty, taxes of all materials, all labour T & P sundries etc complete as per direction of Engineer in charge.	35.14	Cum	4304.08	151227.23
8	Providing 20 mm thick grading plaster (1:4) over roof slab including cost, conveyance, royalty, curing all etc complete	116.69	Sqm	221.30	25824.55
9	12 mm thick cement plaster in C.M.(1:6) in external surface of wall including cost ,conveyance etc as per direction of Engineer-in-charge	249.44	Sqm	140.60	35071.18
10	16 mm thick cement plaster in C.M.(1:6) in internal surface of wall including cost ,conveyance etc as per direction of Engineer-in-charge	118.15	Sqm	199.08	23520.42
11	Fixing tiles (vitrified tiles 600mm x 600mm) in floors, treads or steps and landing on 20mm thicks bed of CM 1:4 jointed with neat cement slury mixed with pigment to match the shade of the tiles including rubing and polishing with cost conveyance of all materials etc complete.	101.32	Sqm	954.12	96672.35
12	Fixing tiles (Cement Chequered Tiles) in floors treads or steps and landing on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 sand) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubing and polishing with cost, conveyance of all materials etc. complete.	7.53	sqm	493.23	3712.88
13	Supplying, fitting afixing of stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe	126.95		330.48	41954.84
14	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.	468.91	Sqm	59.07	27700.09
15	Finishing wall with weather coat paint of approved shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc complete as per direction of Engineer in charge.	468.91	Sqm	72.84	34155.07
16	Supplying, fitting and fixing MS Grills, Doors and windows made out of structural steel flat etc as per direction of Engineer in charge.	509.29	KG	132.29	67372.88
17	Priming one coat on new Iron work & wood work with all cost of material & labour T & P etc complete as per direction of Engineer in charge.	30.10	Sqm	53.03	1596.25
18	Painting two coats with any approved on new wood work / iron work with all cost, of materials and labour, T & P etc completed as per direction of Engineer in charge.	30.10	Sqm	138.34	4164.03

19	Providing fitting and fixing up partition walling aluminum anodized section No.9210 and 9207 as single groove and double groove respectively, as horizontal and vertical member and OEL section 4660 as Tapered clip for fixing up 12mm thick pre-laminated board (Nova pan make) & 6mm thick plain glass and jointing angle No.1855 etc. complete in all respect.	16.45	sqm	5640 17	92779.74
<b>Total</b>					<b>1460119</b>

**(Rupees Forteen Lakhs sixty Thousand one hundred nineteen only)**

**TOTAL 19 (nineteen) NOS ITEM ONLY**

  
**Assistant Engineer**  
**Ghasipura Block**

Approved for 19 (nineteen ) items only  
  
**Executive Engineer**  
**DRDA Keonjhar**

**TO BE FILLED BY THE TENDERER**

1) My/ Our quoted rate is (both in figure and words)

Equal to Estimate Cost  
Excess in Percentage  
Less in Percentage

In Figure	
	%
	%
	%

In words

**Notes:-**

- 1) The Tenderer should quote the percentage up to one decimal point only.
- 2) The Tenderer should go through the special conditions in the DTCN for percentage rate contract before tendering .
- 3) The Tenderers should quoted their percentage only inside the space provided for the purpose
- 4) The percentage quoted at any other place will not be taken into consideration.

**Executive Engineer  
DRDA Keonjhar**

**Block Development Officer  
Ghasipura Block**



### BILL OF QUANTITY

Name of the work: -CONSTRUCTION OF ACR, TOILET and BOUNDARY WALL AT MADHUBAN HIGH SCHOOL.

Amount put to Tender : Rs. 2,299,494.00  
 Class of Contractor : C' & D' class only  
 Cost of Tender Paper : Rs.6,000.00  
 Date required for completion : 3(Three) calender Month

1	Earth work in hard soil or gravelling soil for excavation of foundation including dressing and levelling of beds and depositing the soil away from the work side with all lead & lift including cost of all labour, T & P, dewatering, shoring and shuttering for the work etc. complete & as per direction of Engineer in charge	Cum	65.89	70.49	16.18	152.66	182.80	27887.97
2	Supplying and Filling in foundation and plinth with sand, well watered and rammed with all leads and lifts, cost convenience and royalty and all taxes of materials, cost of labour, T & P, dewatering, required for the works etc, complete in all respect as directed by engineer-in-charge.	cum	74.11	18.16	7.00	99.27	454.83	45150.97
3	Cement concrete of proportion (1:4:8) with using 40 MM size hbg metal free from weathered and skin with including cost, convenience, royalty and taxes of all materials, labour etc including curing, dewatering if required in all respect including centering and shuttering etc. complete & as per direction of Engineer in charge	cum		0.00	4.42	0.00	4149.29	18339.86
4	Cement concrete of proportion (1:3:6) with using 40 MM size hbg metal free from weathered and skin with including cost, convenience, royalty and taxes of all materials, labour etc including curing, dewatering if required in all respect including centering and shuttering etc. complete & as per direction of Engineer in charge	cum	13.10	13.45		26.55	4742.73	125919.48

5	R.C.C (M20) using 12mm H.G.C.B chips including centering & shuttering cost, conveyance, royalty etc complete as per the direction of Engineer incharge.							
a	Footing	Cum	11.24		0.98	12.22	5359.74	65496.0228
b	Plinth beam		2.98		0.76	3.74	5669.00	21202.06
c	Column & Wall Beam		8.47		0.9	9.37	11576.51	108471.8987
d	Lintel & Sill band		3.38			3.38	10067.58	34028.4204
e	Roof slab		12.10	0.00	2.57	14.67	9994.37	146617.4079
6	Suppling, coiled M.S rod or HYSD steel (Fe-415),cutting, bending,cracking,hooking,olding or jointing (if required) reinforcement including labour charges for cutting, bending, binding and straightening and tying the grills and placing in position including cost of binding wire 18 to 20 gauge as per drawing and technical specificaiton as directed by the engineering-in-charge.	Qm	36.28	14.89	3.13	54.28	7673.59	411094.47
7	Fly ash brick(25cmx12cmx8cm) masonry in CM(1:5)for superstructure in foundation and plinth having a crushing strength of not less than 75 kg/sqcm Including splays cutting, circular moulding, chamfering and curbing and watering, curing etc including cost, conveyance, royalty and all taxes of materials with cost of labour, T& P etc. complete required for the work complete in all respect as directed by the engineering -in-charge.							
(a)	foundation	Cum	14.38	47.10	8.85	70.33	4278.46	300903.39
(b)	In superstructure .	Cum	9.26	58.88	11.63	79.76	4316.40	344276.06
8	12 mm thick cement plaster in C.M. (1:6) finishing smooth to outer side brickwork after ranking out the joints including watering and curing with cost, conveyance, royalty of all materials , labour with T & P required for the work including all taxes etc. complete in all respect all floors as directed by engineering-in-charge.							
	Ground Floor	Sqm	144.00	0.00	64.92	208.92	141.28	29512.04

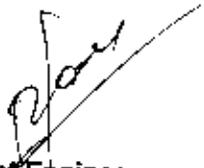
9	16 mm thick cement plaster in C.M. (1:6) finishing smooth to inner side brickwork after ranking out the joints including watering and curing with cost, conveyance, royalty of all materials, labour with T & P required for the work including all taxes etc. complete in all respect all floors as directed by engineering-in-charge.							
	Ground Floor	Sqm	76.95	828.00	84.92	769.87	199.87	153873.92
10	20 mm thick cement plaster in C.M. (1:4) grading finishing smooth to outer side brickwork after ranking out the joints including watering and curing with cost, conveyance, royalty of all materials, labour with T & P required for the work including all taxes etc. complete in all respect all floors as directed by engineering-in-charge.							
	Ground Floor	Sqm	96.87	0.00	22.18	119.05	222.31	26466.01
11	6 mm thick cement plaster in C.M. (1:6)							
	Ground Floor	Sqm	87.98	0.00	0.00	87.98	149.83	13182.04
12	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.							
	Ground Floor	Sqm	308.93	0.00	129.84	438.77	59.07	25918.14
13	Finishing wall with weather coat paint of approved shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc complete as per direction of Engineer in charge.							
	Ground Floor	Sqm			129.84	129.84	74.38	9657.50
		Sqm	308.93	0.00		308.93	74.38	22978.21
14	Supplying, fitting and fixing MS Grills, Doors and Windows made out of structural steel flat etc as per direction of Engineer in charge.							
	Ground Floor	Sqm	469.11	270.00	168.00	897.11	70.00	62797.70

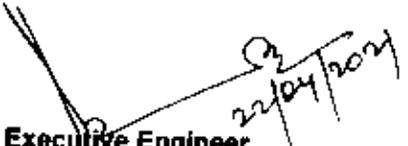
15	Priming one coat on new iron work & wood work with all cost of material & labour T & P etc complete as per direction of Engineer in charge.						
	Ground Floor	Sqm	37.25	10.13		47.38	53.03
16	Cement paint twocoat to walls	Sqm		628.00			35.53
17	Painting two coats with any approved on new wood work / iron work with all cost, of materials and labour, T & P etc completed as per direction of Engineer in charge.						
	Ground Floor	Sqm	37.25	10.13	11.71	59.09	138.34
18	Fixing tiles in floor over thick bed of cement mortar 1:1 including rubbing and polishing excluding cost of tiles						
	Ground Floor	Sqm	82.55		37.42	118.97	956.05
19	Fixing tiles (cement Chequered Tile) in dados and riser of steps on 12mm thick cement plaster (1:3) including rubbing and polishing excluding cost of tiles						
	Ground Floor	Sqm	6.50			6.50	494.15
20	C.C(1:2:4)USING 12MM CHIPS			24.82		24.82	6242.20
			Total				Rs
							<b>2299494.21</b>

Say Rs. **2299494.00**

(Rupees Twenty Two Lakhs Ninety Nine Thousand Four Hundred Ninety Four) Only

TOTAL 20 NOS OF ITEMS ONLY

  
Assistant Engineer  
Ghasipura Block

  
Executive Engineer  
DRDA, Keonjhar

**TO BE FILLED BY THE TENDERER**

1) My/ Our quoted rate is (both in figure and words)

	in Figure	In words
Equal to Estimate Cost	%	
Excess in Percentage	%	
Less in Percentage	%	

**Notes:-**

- 1) The Tenderer should quote the percentage up to one decimal point only.
- 2) The Tenderer should go through the special conditions in the DTCN for percentage rate contract before tendering .
- 3) The Tenderers should quoted their percentage only inside the space provided for the purpose .
- 4) The percentage quoted at any other place will not be taken into consideration.

**Executive Engineer  
DRDA Keonjhar**

**Block Development Officer  
Ghasipura Block**

**BILL OF QUANTITY (BOQ)****NAME OF THE WORK: - Construction of Additional classroom and Toilet at khalana UGUP School for the year 2020-21**

Amount put to Tender	:	Rs. 890,926.00
Class of Contractor	:	D' & C' class only
Cost of Tender Paper	:	Rs. 4000.00
Date required for completion	:	3(Three) calendar Month

Sl. no.	Item of Work	Quantity	Unit	Rate	Amount
1	Earthwork in excavation of foundation in hard soil or gravelly soil except sheet rock requiring blasting to proper profile with all leads, lifts and delifts to proper section and profile including dressing and levelling the bed upto required depth . as per direction of Engineer-in-charge	55.27	cum	182.80	10102.96
2	Supplying, filling in foundation and plinth with sand, watered and rammed including cost, conveyance & royalty and all taxces of materials cost of all labour with T&P etc. complete. as per direction of Engineer-in-charge	45.81	cum	322.84	14789.43
3	P.C.C (1:3:6) in foundation and plinth using 25mm H.G.C.B metal including cost, conveyance, royalty etc complete as per the direction of Engineer incharge	10.21	cum	4595.13	46894.84
4	P.C.C (1:4:8) in foundation and plinth using 40mm H.G.H.B metal including cost, conveyance, royalty etc complete as per the direction of Engineer incharge.	3.17	cum	4001.69	12691.11
5	R.C.C (M20) using 12mm H.G.C.B chips including centerng & shutterng cost, conveyance, royalty etc complete as per the direction of Engineer incharge.				
a	Footing	7.22	Cum	5221.24	37720.33
b	Plinth beam	2.72	Cum	5530.52	15027.25
c	Column & Wall Beam	3.62	Cum	11438.59	41436.99
d	Lintel & Sill band	2.05	Cum	9929.32	20342.72
e	Roof slab	9.45	Cum	9856.22	93203.26
f	Chajja	10.71	Cum	855.19	9159.12
6	Straightening, cutting, bending, binding of M.S rod or Tor steel, tying up the grills and placing in position including cost of binding wire with all cost conveyance, taxes etc completed in all respect as per the direction of Engineer in charge.	24.3	Qnti	7573.68	184006.49

7	Fly ash brick masonry with cement mortar (1:6) in foundation and plinth including cost, conveyance, royalty, taxes of all materials, all labour & P sundries etc complete as per direction of Engineer in charge.	15.37	Cum	4172.40	64121.53
8	Brick work with Fly ash brick with cement mortar (1:6) in superstructure including cost, conveyance, royalty, taxes of all materials, all labour & P sundries etc complete as per direction of Engineer in charge.	22.70	Cum	4210.35	95568.49

9	Providing 20 mm thick grading plaster (1:4) over roof slab including cost, conveyance, royalty, curing all etc complete	63.03	Sqm	219.27	13819.74
10	12 mm thick cement plaster in C.M.(1:6) in external surface of wall including cost ,conveyance etc as per direction of Engineer-in-charge	214.56	Sqm	139.29	29885.66
11	16 mm thick cement plaster in C.M.(1:6) in internal surface of wall including cost ,conveyance etc as per direction of Engineer-in-charge	128.05	Sqm	197.54	25295.66
12	12mm thick cement plaster with cement mortar (1:6) cement punning for dadoes and skirting including cost, conveyance, royalties, taxes etc of all materials, costs of all labour sundries T& P etc complete as per direction of Engineer in charge.	7.62	Sqm	162.98	1241.55
13	Fixing tiles (vetrified tiles 600mm x 600mm ) in floors , treads or steps and landing on 20mm thicks bed of CM 1:4 jointed with neat cement slury mixed with pigment to match the shade of the tiles including rubing and polishing with cost conveyance of all materials etc complete.	62.77	Sqm	952.30	59772.27
14	Fixing vetrified tiles In wall, skirting & risers of steps on 12 mm thick cement plaster (1:3) ratio jointed with neat cement slury mixed with pigments to match the shade of tiles including rubbing & polishing complet as dircion of engg. In charge.	13.56	Sqm	963.37	13066.56
15	25mm thick A.S flooring with C.C (1:2:4) including punning using 12mm size H.G.C.B chips including cost, conveyance, royalties, taxes etc of all materials, costs of all labour sundries T& P etc complete as per direction of Engineer in charge.	8.67	Sqm	305.12	2846.86
16	Cement washing 1 coat with shell lime on slacked & cement including all cost, taxes etc complete as per direction of Engineer In charge.	98.24	Sqm	16.03	1574.77
17	Finishing wall with water proofing cement paint of approved shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc complete as per direction of Engineer in charge.	98.24	Sqm	32.71	3213.96
18	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.	223.19	Sqm	59.08	13185.83
19	Finishing wall with water proofing cement paint of approved shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc complete as per direction of Engineer in charge.	223.19	Sqm	72.85	16259.07
20	Supplying,fitting and fixing MS Grills,Doors and Windows made out of structural steel flat etc as per direction of Engineer in charge.	447.49	KG	132.29	59197.15

21	Priming one coat on new iron work & wood work with all cost of material & labour T & P etc complete as per direction of Engineer in charge.	34.84	Sqm	54.46	1882.02
22	Painting two coats with any approved on new wood work / iron work with all cost, of materials and labour, T & P etc completed as per direction of Engineer in charge.	34.84	Sqm	138.36	4820.61

**Total**

**890926**

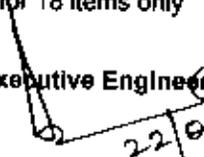
**TOTAL 18 NOS ITEM ONLY**

(Eight lakhs NINETY THOUSAND nine hundred twenty six only)

  
Assistant Engineer

Ghasipura Block

Approved for 18 items only

  
Executive Engineer

DRDA Keonjhar

22/04/2024

**TO BE FILLED BY THE TENDERER**

1) My/ Our quoted rate is (both in figure and words)

Equal to Estimate Cost

Excess in Percentage

Less in Percentage

In Figure

	%
	%
	%

In words


**Notes:-**

- 1) The Tenderer should quote the percentage up to one decimal point only.
- 2) The Tenderer should go through the special conditions in the DTCN for percentage rate contract before
- 3) The Tenderers should quote their percentage only inside the space provided for the purpose .
- 4) The percentage quoted at any other place will not be taken into consideration.

**Executive Engineer**  
DRDA Keonjhar

**Block Development Officer**  
**Excess in Percentage**

**BILL OF QUANTITY (BOQ)****NAME OF THE WORK: - Construction of additional class room at Lunuhar NUPS for the year 2020-21**

<b>Amount put to Tender</b>	:	<b>Rs. 1,370,186.00</b>
<b>Class of Contractor</b>	:	<b>D' &amp; C' class only</b>
<b>Cost of Tender Paper</b>	:	<b>Rs.6000.00</b>
<b>Date required for completion</b>	:	<b>3(Three) calender Month</b>

Sl. no.	Item of Work	Quantity	Unit	Rate	Amount
1	Earthwork in excavation of foundation in hard soil or gravelly soil except sheet rock requiring blasting to proper profile with all leads,lifts and delifts to proper section and profile including dressing and levelling the bed upto required depth . as per direction of Engineer-in-	75.59	cum	182.80	13816.87
2	Supplying, filling in foundation and plinth with sand, watered and rammed including cost, conveyance & royalty and all taxces of materials cost of all labour with T&P etc. complete. as per direction of Engineer-in-charge	86.06	cum	322.84	27781.90
3	C.C (1:4:8) using 40 mm hg metal in foundation with 40 mm size hand Broken metal including cost, conveyance, royalty etc complete as per direction of Engineer-in-charge	19.82	Cum	4184.80	82942.74
4	R.C.C (M20) using 12mm H.G.C.B chips including centering & shuttering cost, conveyance, royalty etc complete as per the direction of Engineer incharge.				
a	Footing	13.22	Cum	5408.22	71508.46
b	Plinth beam	4.43	Cum	5717.50	25318.44
c	Column & Wall Beam	8.83	Cum	11625.58	102706.49
d	Lintel & Sill band	2.38	Cum	10116.31	24083.13
e	Roof slab	13.69	Cum	10043.20	137468.28
f	Chajja	17.59	Cum	867.35	15256.63
5	Straightening bent up or coiled M.S. rod or HYSD steel (Fe- 415), cutting, bending, cracking, hooking, welding or jointing (if required), the M.S rod or HYSD steel and binding, tying the grills, hoisting, lowering and placing in proper position as require	41.91	Qntl	7582.30	317800.66

6	Fly ash brick masonry with cement mortar (1:6) in foundation and plinth including cost, conveyance, royalty, taxes of all materials, all labour T & P sundries etc complete as per direction of Engineer in charge.	16.64	Cum	4316.60	71821.78
7	Brick work with Fly ash brick with cement mortar (1:6) in superstructure including cost, conveyance, royalty, taxes of all materials, all labour T & P sundries etc complete as per direction of Engineer in charge.	26.77	Cum	4354.55	116589.07
8	Providing 20 mm thick grading plaster (1:4) over roof slab including cost, conveyance, royalty, curing all etc complete	121.40	Sqm	219.89	26693.86
9	12 mm thick cement plaster in C.M.(1:6) in external surface of wall including cost, conveyance etc as per direction of Engineer-in-charge	228.71	Sqm	139.59	31925.57
10	16 mm thick cement plaster in C.M.(1:6) in internal surface of wall including cost, conveyance etc as per direction of Engineer-in-charge	191.58	Sqm	197.89	37911.26
11	Fixing tiles (vetrified tiles 600mm x 600mm ) in floors , reads or steps and landing on 20mm thicks bed of CM 1:4 jointed with neat cement slury mixed with pigment to match the shade of the lies including rubing and polishing with cost conveyance of all materials etc	103.41	Sqm	953.25	98575.27
12	Supplying fitting fixing of Vetrified lie in dado and skirting and riser of step on 12 mm thick cp in cement mortar (1:3) with cement sully mixwith pigment to match the shade of the tile with rubbing & polishing including all cost of materials .T & P etc.complete	19.17	Sqm	965.62	18507.29
13	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.	392.00	Sqm	59.08	23159.40
14	Finishing wall with weather coat paint of approved shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc complete as per direction of Engineer in charge.	392.00	Sqm	72.85	28557.01
15	Supplying,fitting and fixing MS Grills,Doors and Windows made out of structural steel flat etc as per direction of Engineer in charge.	669.14	KG	132.29	88519.11
16	Priming one coal on new iron work & wood work with all cost of material & labour T & P etc complete as per direction of Engineer in charge.	47.94	Sqm	54.46	2610.60

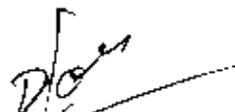
17	Painting two coats with any approved on new wood work / iron work with all cost, of materials and labour, T & P etc completed as per direction of Engineer in charge.	47.94	Sqm	138.36	6632.34
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**Total**

**1370186**

one lakhs thirty seven thousand one hundred eighty six only

**TOTAL 17 NOS ITEM ONLY**

  
**Assistant Engineer**  
**Ghasipura Block**

Approved for 17 items only

  
**Executive Engineer**  
**DRDA Keonjhar**

**TO BE FILLED BY THE TENDERER**

1) My/ Our quoted rate is (both in figure and words)

Equal to Estimate Cost  
only Excess in Percentage  
Less in Percentage

in Figure
%
%
%

In words

**Notes:-**

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- 2) The Tenderer should go through the special conditions in the DTCN for percentage rate contract before
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**Executive Engineer**  
DRDA Keonjhar

**Block Development Officer**  
Excess in Percentage

**BILL OF QUANTITY (BOQ)**

**NAME OF THE WORK:** - Construction of Additional classroom and boundary wall at B.D Nodal UP School, Patsura for the year 2020-21

Amount put to Tender	:	Rs. 1,835,963.00
Class of Contractor	:	D' & C' class only
Cost of Tender Paper	:	Rs.6000.00
Date required for completion	:	3(Three) calender Month

Sl. no.	Item of Work	Quantity	Unit	Rate	Amount
1	Earthwork in excavation of foundation in hard soil or gravelly soil except sheet rock requiring blasting to proper profile with all leads, lifts and delifts to proper section and profile including dressing and levelling the bed upto required depth . as per direction of Engineer-in-charge	133.34	cum	182.80	24374.76
2	Supplying, filling in foundation and plinth with sand, watered and rammed including cost, conveyance & royalty and all taxces of materials cost of all labour with T&P etc. complete. as per direction of Engineer-in-charge	55.89	cum	322.84	18042.65
3	P.C.C (1:3:6) in foundation and plinth using 25mm H.G.C.B metal including cost, conveyance, royalty etc complete as per the direction of Engineer incharge.	25.81	cum	4782.94	123425.36
4	R.C.C (M20) using 12mm H.G.C.B chips including centering & shuttering cost, conveyance, royalty etc complete as per the direction of Engineer incharge.				
a	Footing	7.22	Cum	5408.22	39071.19
b	Plinth beam	11.60	Cum	5717.50	66299.65
c	Column & Wall Beam	3.62	Cum	11625.58	42114.36
d	Lintel & Sill band	1.60	Cum	10116.31	16158.96
e	Roof slab	7.10	Cum	10043.20	71347.53
f	Chajja	10.72	Cum	867.35	9295.77
5	Straightening, cutting, bending, binding of M.S rod or Tor steel, tying up the grills and placing in position including cost of binding wire with all cost conveyance, taxes etc completed in all respect as per the direction of Engineer in charge.	28.53	Qntl	7582.30	216281.93

6	Fly ash brick massonary with cement mortar (1:6) in foundation and plinth including cost, conveyance, royalty, taxes of all materials, all labour T & P sundries etc complete as per direction of Engineer in charge.	86.54	Cum	4316.60	373542.88
7	Brick work with Fly ash brick with cement mortar (1:6) in superstructure including cost, conveyance, royalty, taxes of all materials, all labour T & P sundries etc complete as per direction of Engineer in charge.	94.42	Cum	4354.55	411150.13
8	Providing 20 mm thick grading plaster (1:4) over roof slab including cost, conveyance, royalty, curing all etc complete	63.03	Sqm	219.89	13858.33
9	12 mm thick cement plaster in C.M.(1:6) in external surface of wall including cost ,conveyance etc as per direction of Engineer-in-charge	159.56	Sqm	139.59	22273.01
10	16 mm thick cement plaster in C.M.(1:6) in internal surface of wall including cost ,conveyance etc as per direction of Engineer-in-charge	1111.24	Sqm	197.89	219903.91
11	12mm thick cement plaster with cement mortar (1:6) cement punning for dadoes and skirting including cost, conveyence, royalties, taxes etc of all materials, costs of all labour sundries T & P etc complete as per direction of Engineer in charge.	7.62	Sqm	163.51	1245.59
12	Fixing tiles (vetrified tiles 600mm x 600mm ) in floors , treads or steps and landing on 20mm thicks bed of CM 1:4 jointed with neat cement slury mixed with pigment to match the shade of the tiles including rubing and polishing with cost conveyance of all materials etc complete.	52.73	Sqm	953.25	50261.07
13	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.	223.19	Sqm	59.08	13185.83
14	Priming wall with weather coat paint or approved shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc	223.19	Sqm	72.85	16259.07
15	Supplying, fitting and fixing MS Grills, Doors and Windows made out of structural steel flat etc as per direction of Engineer in charge.	356.88	KG	132.29	47210.19
16	Priming one coat on new iron work & wood work with all cost of material & labour T & P etc complete as per direction of Engineer in charge.	23.97	Sqm	54.46	1305.30

17	Painting two coats with any approved on new wood work / iron work with all cost, of materials and labour, T & P etc completed as per direction of Engineer in charge.	23.97	Sqm	138.36	3316.17
18	Finishing wall with water proof cement paint of approved shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc complete as per direction of Engineer in charge.	1040.00	Sqm	34.65	36039.17
<b>Total</b>					<b>1835963</b>

**TOTAL 18 NOS ITEM ONLY**

(Eighteen lakhs thirty five nine hundred sixty three)only

*[Signature]*  
Assistant Engineer

Ghasipura Block

Approved for 18 items only

*[Signature]*  
Executive Engineer  
22/04/2021  
DRBA Keonjhar

**TO BE FILLED BY THE TENDERER**

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Equal to Estimate Cost  
Excess in Percentage  
Less in Percentage

in Figure	
	%
	%
	%

In words

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**Executive Engineer**  
DRDA Keonjhar

**Block Development Officer**  
Excess in Percentage