

BILL OF QUANTITY (BOQ)

NAME OF THE WORK: - Construction of Additional classroom at Bholonugaon UGUP Scool for the year 20-21

Amount put to Tender	:	Rs. 2,050,195.00
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	116.57	cum	182.80	21309.00
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	127.38	cum	322.84	41123.00
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	20.23	Cum	4001.69	80958.48
4	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
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	20.44	Cum	5221.24	106756.43
b	Plinth beam	6.28	Cum	5530.52	34699.25
c	Column & Wall Beam	12.45	Cum	11438.59	142491.55
d	Lintel & Sill band	3.98	Cum	9929.32	39498.26
e	Roof slab	20.79	Cum	9856.22	204928.06
f	Chajja	28.31	Cum	855.19	24208.35
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.	62.54	Qntl	7573.66	473660.95

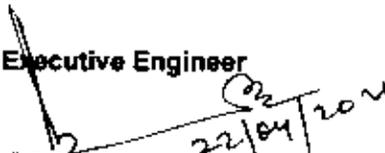
7	Fly ash brick masonry with cement mortar (1:6) in foundation and plinth including cost, conveyance, royalty, taxes of all materials, all labour T & P sundries etc complete as per direction of Engineer in charge.	32.33	Cum	4172.40	134887.45
8	Brick work with Fly ash brick with cement mortar (1:6) in superstructure including cost, conveyance, royalty, taxes of all materials, all labour T & P sundries etc complete as per direction of Engineer in charge.	38.64	Cum	4210.35	162698.61
9	Providing 20 mm thick grading plaster (1:4) over roof slab including cost, conveyance, royalty, curing all etc complete	184.43	Sqm	219.27	40439.27
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	388.27	Sqm	139.29	54082.11
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	262.82	Sqm	197.54	51917.58
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.	156.14	Sqm	952.30	148688.19
14	Supplying fitting fixing of Vetrified tile 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	9.30	Sqm	963.37	8955.96
15	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.	615.19	Sqm	59.08	36345.23
16	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.	615.19	Sqm	72.85	44816.08

17	Supplying, fitting and fixing MS Grills, Doors and Windows made out of structural steel flat etc as per direction of Engineer in charge.	1026.02	KG	132.29	135729.30
18	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.	71.91	Sqm	54.46	3915.90
19	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.	71.91	Sqm	138.36	9948.51
<b>Total</b>					<b>2050195.00</b>

**TOTAL 19 NOS ITEM ONLY**

Approved for 19 items only

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

  
**Executive Engineer**  
**DRDA Keonjhar**  
 22/04/2024

**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)**

**NAME OF THE WORK: - Construction of additional class room and Toilet at Gohira UGUP School For the year 2020-21**

<b>Amount put to Tender</b>	:	<b>Rs. 1,589,577.00</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-charge	92.36	cum	182.80	16882.48
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	92.61	cum	322.84	29900.10
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	23.40	Cum	4001.69	93649.59
4	R.C.C (M20) using 12mm H.G.C.B chips including centering & shuttering cost, conveyance, royaltly etc complete as per the direction of Engineer incharge.				
a	Footing	13.22	Cum	5221.24	69036.10
b	Plinth beam	5.30	Cum	5530.52	29308.84
c	Column & Wall Beam	8.83	Cum	11438.59	101054.56
d	Lintel & Sill band	2.83	Cum	9929.32	28120.42
e	Roof slab	16.04	Cum	9856.22	158092.96
f	Chajja	17.59	Cum	855.19	15042.84

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	45.58	Qntl	7573.66	345233.78
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.	30.62	Cum	4172.40	127775.10
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.	37.60	Cum	4210.35	158326.34
8	Providing 20 mm thick grading plaster (1:4) over roof slab including cost, conveyance, royalty, curing all etc complete	121.40	Sqm	219.27	26619.53
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	283.71	Sqm	139.29	39517.46
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	248.39	Sqm	197.54	49066.50
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.	113.45	Sqm	952.30	108038.14
12	Supplying fitting fixing of Vetrified tile in dado and skirting and riser of step on 12 mm thick cp in cement mortar (1:3) with cement sulry mixwith pigment to match the shade of the tile with rubbing & polishing including all cost of materials .T & P etc.complete	23.60	Sqm	963.37	22739.39
13	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	2646.86
14	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
15	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	34.65	3404.44

16	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
17	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
18	Supplying, fitting and fixing iron grills, doors and windows made out of structural steel flat etc as per direction of Engineer in charge.	759.75	KG	132.29	100506.07
19	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.	58.81	Sqm	54.46	3187.32
20	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.	58.81	Sqm	138.36	8136.78

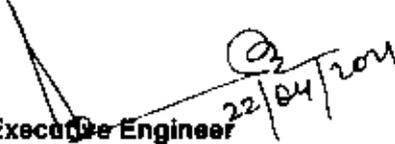
Total

1589577.00

**TOTAL 20 (TWENTY) NOS ITEM ONLY**

  
Assistant Engineer  
Ghasipura Block

Approved for 20 (TWENTY ) 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)

	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 .
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**Executive Engineer**  
DRDA Keonjhar

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

6

**BILL OF QUANTITY (BOQ)****NAME OF THE WORK: - Construction of Boundary Wall at Atasahi UP School for the year 2020-21**

<b>Amount put to Tender</b>	:	<b>Rs. 1,150,018.00</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-charge	93.60	cum	182.80	17109.79
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	15.60	cum	322.84	5036.27
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	15.60	Cum	4552.89	71025.08
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	Plinth beam	9.75	Cum	5490.92	53536.45
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	8.78	Qntl	7573.66	66458.83
6	Fly ash brick massonary with cement mortar (1:6) in foundation and plinth including cost, conveyance, royaly, taxes of all materials, all labour T & P sundries etc complete as per direction of Engineer in charge.	78.00	Cum	4137.73	322743.29

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.	102.05	Cum	4175.68	426128.60
8	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	816.40	Sqm	197.54	161271.66
9	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.	816.40	Sqm	32.71	26707.75

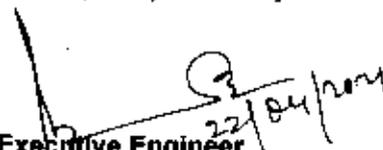
**Total**

**1150018.00**

**TOTAL 9 (NINE) NOS ITEM ONLY**

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

Approved for 9 (Nine ) 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:-**

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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, toilet and Boundary Wall at Machhalo UGUP  
Scool for the year 2020-21

**Amount put to Tender** : Rs. 3,403,257.00  
**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	225.70	cum	182.80	41257.24
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	148.50	cum	322.84	47942.75
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	23.40	Cum	4001.69	93649.59
4	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	4595.13	118578.87
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	20.44	Cum	5221.24	106756.43
b	Plinth beam	16.90	Cum	5530.52	93440.22
c	Column & Wall Beam	12.45	Cum	11438.59	142491.55
d	Lintel & Sill band	4.43	Cum	9929.32	43980.70
e	Roof slab	23.14	Cum	9856.22	228112.14
f	Chajja	27.38	Cum	855.19	23413.02
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.	74.8	Qntl	7573.66	566468.53

7	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.	117.16	Cum	4172.40	488839.39
8	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.	149.57	Cum	4210.35	629752.95
9	Providing 20 mm thick grading plaster (1:4) over roof slab including cost, conveyance, royalty, curing all etc complete	184.43	Sqm	219.27	40439.27
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	443.27	Sqm	139.29	61742.61
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	1120.43	Sqm	197.54	221329.90
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.	22.93	Sqm	162.98	3737.21
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.	166.18	Sqm	952.30	158249.30
14	Supplying fitting fixing of Vetrified tile in dado and skirting and riser of step on 12 mm thick cp in cement mortar (1:3) with cement sulry mixwith pigment to match the shade of the tile with rubbing & polishing including all cost of materials, T & P etc complete	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	8.67	Sqm	305.12	2646.86
16	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.	615.19	Sqm	59.08	36345.23

17	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	615.19	Sqm	72.85	44816.08
18	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
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.	899.04	Sqm	34.65	30964.11
20	Supplying, fitting and fixing MS Grills, Doors and Windows made out of structural steel flat etc as per direction of Engineer in charge.	1116.63	KG	132.29	147716.26
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.	82.78	Sqm	54.46	4492.62
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.	82.78	Sqm	138.36	11452.95
<b>Total</b>					<b>3403257.00</b>

**TOTAL 22 NOS ITEM ONLY**

  
Assistant Engineer

**Ghasipura Block**

Approved for 22 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	%	

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**Executive Engineer**  
DRDA Keonjhar

**Block Development Officer**  
Excess in Percentage

19

**BILL OF QUANTITY (BOQ)**

ORIGINAL

**NAME OF THE WORK: - Construction of Additional classroom, Toilet and boundary wall at Champapal UGUP for the year 2020-21**

Amount put to Tender : Rs.1439224.00  
 Class of Contractor : O' & 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 delirts to proper section and profile including dressing and leveling the bed upto required depth . as per direction of Engineer-in-charge	98.44	cum	182.80	17999.76
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	53.01	cum	454.84	24111.27
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	17.41	cum	4742.97	82552.97
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	4149.53	13159.98
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	7.22	Cum	5359.84	38721.63
b	Plinth beam	7.22	Cum	5669.12	40914.87
c	Column & Wall Beam	3.62	Cum	11577.19	41939.08
d	Lintel & Sill band	2.05	Cum	10067.92	20626.68
e	Roof slab	9.45	Cum	9994.82	94513.90
f	Chajja	10.34	Cum	864.20	8935.85
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.	28.27	Qntl	7573.66	214119.35
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.	51.37	Cum	4278.70	219786.16
8	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.	67.40	Cum	4316.65	290936.35

9	Providing 20 mm thick grading plaster (1:4) over roof slab including cost, conveyance, royalty, curing all etc complete	63.03	Sqm	222.31	14011.08
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	141.27	30310.48
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	485.65	Sqm	199.91	97066.97
12	12mm thick cement plaster with cement mortar (1:6) cement punning for dados 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	164.96	1256.63
13	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 slury mixed with pigment to match the shade of the tiles including rubbing and polishing with cost conveyance of all materials etc complete	62.77	Sqm	955.07	59946.26
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 dirction of engg	13.56	Sqm	965.08	13089.83
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	8.67	Sqm	308.73	2676.16
16	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
17	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	223.19	Sqm	72.85	16259.07
18	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
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.	455.84	Sqm	32.71	15605.88
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
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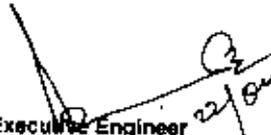
Total

1439224.00

(Fourteen Lakhs Thirty Nine Thousand Two Hundred Twenty Four) only

TOTAL 22 NOS ITEM ONLY

  
Assistant Engineer  
Ghasipura Block

  
Executive Engineer  
ORDA Keonjhar

22/04/2024

**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**

2

ORIGINAL

**BILL OF QUANTITY (BOQ)****NAME OF THE WORK: - Construction of Additional classroom and Toilet at Daradipal NUPS for the year**

Amount put to Tender : **Rs901176.00**  
 Class of Contractor : **D' & C' class only**  
 Cost of Tender Paper : **Rs.4000.00**  
 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	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	55.89	cum	410.84	18820.76
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	cu m	4679.61	47756.98
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	cu m	4086.17	12959.03
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	7.22	Cu	5300.44	38292.50
b	Plinth beam	2.72	Cu	5609.72	15242.45
c	Column & Wall Beam	3.62	Cu	11517.79	41723.90
d	Lintel & Sill band	2.05	Cu	10008.52	20504.98
e	Roof slab	9.45	Cu	9935.42	93952.20
f	Chajja	10.72	Cu	860.34	9220.68
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	Qntl	7573.66	184017.81

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.	15.37	Cu m	4231.71	65032.97
8	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.	22.70	Cu m	4269.66	96914.68
9	Providing 20 mm thick grading plaster (1:4) over roof slab including cost, conveyance, royalty, curing all etc complete	63.03	Sqm	221.30	13947.30
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	140.61	30168.87
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	199.12	25497.99
12	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	164.30	1251.60
13	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.	62.77	Sqm	954.15	59888.26
14	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
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.	223.19	Sqm	72.85	16259.07
16	Fixing vetrifed 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.	13.56	Sqm	964.51	13082.07

17	25mm thick A.S flooring with C.C (1:2:4) including punning using 12mm size H.G.C.B chips 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.	8.67	Sqm	307.19	2664.80
18	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
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.	98.24	Sqm	32.71	3213.95
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**

**Rs**

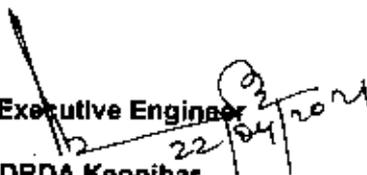
**901176.20**

**Rupees Ninelakhs One Thousand One hundred seventysix Only**

**ORSAY Rs901176.00**

**TOTAL 22 NOS ITEM ONLY**

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

  
**Executive Engineer**  
**DRDA Keonjhar**  
 22/04/2024

**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

ORIGINAL

**BILL OF QUANTITY (BOQ)****NAME OF THE WORK: CONSTRUCTION OF ADDITIONAL CLASSROOM, TOILET AND BOUNDARY WALL AT NARANGPUR NUPS**

Amount put to Tender	:	Rs.1559229.00
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	109.27	cum	182.80	19973.99
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	54.81	cum	410.84	22518.30
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.	19.21	cum	4637.37	89062.24
4	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	3.17	Cum	4043.93	12825.07
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	7.22	Cum	5260.84	38006.41
b	Plinth beam	8.35	Cum	5570.12	46466.76
c	Column & Wall Beam	3.62	Cum	11478.19	41580.45
d	Lintel & Sill band	2.05	Cum	9968.92	20423.85
e	Roof slab	9.45	Cum	9895.82	93577.73
f	Chajja	10.72	Cum	857.77	9193.09

6	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	29.36	Qntd	7573.66	222359.44
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.	60.37	Cum	4197.04	253367.09
8	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.	79.70	Cum	4234.99	337532.44
9	Providing 20 mm thick grading plaster (1:4) over roof slab including cost, conveyance, royalty, curing all etc complete	63.03	Sqm	221.30	13947.30
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	140.61	30168.87
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	584.05	Sqm	199.12	116287.71
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.	62.77	Sqm	954.15	59888.26
13	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	164.30	1251.60
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 dirction of engg.	13.56	Sqm	964.51	13082.07
15	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
16	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.	223.19	Sqm	72.85	16259.07

17	25mm thick A.S flooring with C.C (1:2:4) including punning using 12mm size H.G.C.B chips including cost, conveyence, royalties, taxes etc of all materials, costs of all labour sundries T & P etc complete as per direction of Engineer in	8.67	Sqm	306.18	2656.02
18	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
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,	554.24	Sqm	32.71	18131.56
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**

**1559228.71**

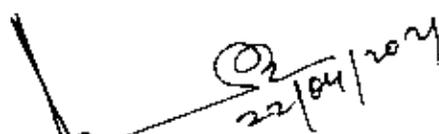
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**1559229.00**

**Rupees Fifteen Lakhs Fiftyninethousand Two hundred Twentynine Only**

**TOTAL 22 (TWENTYTWO) NOS ITEM ONLY**

  
Assistant Engineer  
Ghaslpura 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 .
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**Executive Engineer**  
DRDA Keonjhar

**Block Development Officer**  
Ghasipura Block

### BILL OF QUANTITY

Name of the work: -CONSTRUCTION OF ACR,TOILET,SCIENCE LAB & BOUNDARY WALL AT A.K VIDYAPITHA ,RADHIKADEIPUR GP.

Amount put to Tender : Rs. 3,756,402.00  
 Class of Contractor : B' & C' class only  
 Cost of Tender Paper : Rs.6,000.00  
 Date required for completion : 3(Three) Calender Months

Sl. No.	Description of Item	Unit	Quantity				Total Qunty.	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	65.89	70.49	16.18	48.50	201.06	182.77	36747.74
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	76.13	175.40	454.63	79777.18
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			4.42		0.00	4149.29	18339.86



8	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 all respect as directed by the engineering -in-charge.								
(a)	foundation	Cum	14.38	47.10	8.85	21.99	92.32	4278.46	394986.50
(b)	In superstructure .	Cum	9.25	58.88	11.63	35.14	114.90	4316.40	495954.36
9	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		64.92	249.44	458.36	141.26	64747.93
10	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	628.00	64.92	118.15	888.02	199.87	177488.56
11	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 curling 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		22.18	116.69	235.74	222.31	52407.36
12	6 mm thick cement plaster in C.M. (1:6)								

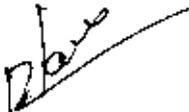
	Ground Floor	Sqm	87.98				87.98	149.83	13182.04
13	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.								
	Ground Floor	Sqm	308.93		128.84	468.91	907.68	89.07	53616.66
14	Finishing wall with weather coat paint of approved shade 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.								
	Ground Floor	Sqm			128.84	468.91	598.76	72.84	43612.95
		Sqm	308.93				308.93	72.84	22502.46
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	459.11	270.00	168.00	509.29	1406.40	70.00	98448.00
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	37.25	10.13			47.38	53.03	2512.56
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	30.10	89.19	138.34	12338.54
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	101.32	221.29	988.05	211343.01

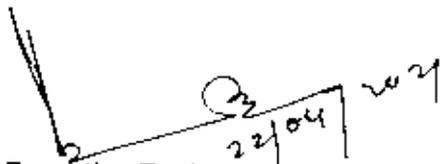
19	Fixing tiles (cement Chequered Tile) in dado and riser of steps on 12mm thick cement plaster (1:3) Including rubbing and polishing excluding cost of tiles							
	Ground Floor	Sqm	8.50		7.53	14.03	494.15	6932.92
20	Supplying,fitting and fixing Stainless Steel							
	Ground Floor	Sqm			126.95	126.95	330.48	41954.44
21	Supply Fitting Fixing Fully Glazed Alumunium	Sqm			70.07	70.07	558.94	46171.93
22	Fitting Fixing of Partition Walling Aluminium	Sqm			16.45	16.45	6640.17	92780.80
			Total				Rs	<b>3756402.30</b>

Say Rs 3756402.00

(Rupees Thirty Seven Lakhs Fifty Six Thousand Four Hundred Two) Only

Total 22 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)

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 perpose .
- 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 Toilet and boundary wall at B.Bidyapitha, Bhandaridiha for the year 2020-

21

Amount put to Tender	:	13 1290 206.07
Class of Contractor	:	D' & C' class only
Cost of Tender Paper	:	Rs.6000.00
Rate of sale of Tender Paper	:	
Rate of Receipt of Tender Paper	:	
Date of Opening of Tender	:	
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	119.68	cum	184.59	22092.77
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	29.85	cum	370.50	11059.84
3	C.C (1:2:4) AS flooring with using 12mm H.G.C.B metal including cost, conveyance, royalty etc complete as per the direction of Engineer incharge.	2.79	cum	285.45	795.54
4	C.C (1:2:4) with using 12mm nominal size aggregate including cost, conveyance, royalty etc complete as per the direction of Engineer incharge.	11.47	cum	5692.81	65305.05
5	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.	24.61	cum	3843.62	94602.6
6	RRHG(25mmx12mmx8mm) masonry in cm 1:6 foundation and plinth	78.43	cum	3322.01	260550.26
7	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.				
b	Plinth beam	1.44	Cum	112.66	162.22
c	Column & Wall Beam	23.67	Cum	736.64	17433.59
d	Lintel & Sill band	3.39	Cum	263.33	893.42
e	Roof slab	14.60	Cum	439.89	6422.70

8	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.	7.7	Qnt	5655.67	43550.45
9	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	1.15	cum	4177.29	4787.91
	in superstructure	76.42	cum	4210.62	321786.66
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	317.01	Sqm	134.99	42794.80
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	317.01	Sqm	192.66	61076.45
12	20mm thick cement plaster with cement mortar (1:6) 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.	161.61	Sqm	211.64	34203.10
13	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.	22.18	Sqm	222.12	4925.86
14	12mm 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.	12.41	Sqm	146.14	1813.80
15	painting two coats with any approved paint over one coat of cement washing as per direction of Engineer in charge.	808.04	Sqm	14.06	11361.08
16	painting two coats with any approved paint over one coat of priming as per direction of Engineer in charge.	754.17	Sqm	65.34	49277.20
17	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.	754.17	Sqm	75.43	56888.66
18	painting 2 coat on door window	12.44	KG	196.00	2437.65

19	Fixing tile in floor over thick bed of cement mortar 1:1 including rubbing and polishing excluding cost of tile	14.78	Sqm	1106.49	16358.48
20	Fixing tile(cement chaquered tile) in dados and riser of steps on 12mm thick cement plaster(1:3) including rubbing polishing excluding cost of tiles	24.39	Sqm	1214.86	29625.86
21	Supplying,fitting and fixing MS Grills,Doors and Windows made out of structural steel flat etc as per direction of Engineer in charge.	491.34	kg	132.29	65000.00

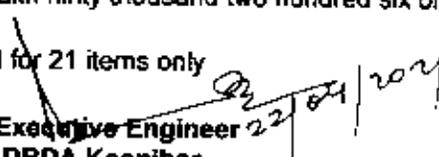
**Total** **1290206.00**  
**Total** **1290206.00**

(Twelve lakh ninty thousand two hundred six only)

**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)

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, 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**

**BILL OF QUANTITY (BOQ)**

ORIGINAL COPY

**NAME OF THE WORK: - Construction of Boundarywall, Water supply and Science Lab at PNHS, MKA, Mahur for the year 2020-21**

**Amount put to Tender** 2449714.00  
**Class of Contractor** "B" & "C"  
**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	142.75	Cum	182.77	26090.02
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.	106.22	Cum	322.83	34291.88
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 shuttering etc. complete & as per direction of Engineer in charge	35.73	cum	4400.19	157218.79
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	4827.95	54256.34
b	Plinth beam	3.29	Cum	5137.21	16924.09
c	Column & Wall Beam	11.39	Cum	11044.71	125807.41
d	Lintel & Sill band	1.01	Cum	9535.79	9611.24
e	Roof slab	14.83	Cum	9462.58	140285.28
5	C.C (1:2:4) USING 12mm size chips	28.95	Cum	5749.05	166422.42
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, 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 specification as directed by the engineering-in-charge.	61.30	Qtl	6481.78	397333.11
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 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-	67.2	Cum	4204.10	282515.52

Sl. No.	Description of Item	Total Qty.	Unit	Rate	Amount
8	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.	83.85	Cum	4242.05	354423.50
9	Providing 20 mm thick grading plaster (1:4) over roof slab including cost, conveyance, royalty, curing all etc complete	119.75	SQM	207.46	24543.97
10	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.	252.28	SQM	133.80	33700.42
11	18 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.	718.68	SQM	190.68	137013.11
12	Fixing tiles in floor over thick bed of cement mortar 1:1 including rubbing and polishing excluding cost of tiles	98.09	SQM	936.28	91741.18
13	Fixing tiles in dados and riser of steps on 12mm thick cement plaster (1:3) including rubbing and polishing excluding cost of tiles	14.20	SQM	1035.10	14696.31
14	6 mm thick cement plaster in C.M. (1:6)	87.72	SQM	142.94	12538.70
15	Fixing chequered tiles on floors, steps etc complete	7.63	Sqm	474.39	3571.15
16	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.	384.59	Sqm	59.07	22717.7313
17	Finishing walls with weathercoat 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.	384.59	Sqm	72.84	28013.54
18	Finishing wall with waterproof 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.	800.40	Sqm	36.53	21329.69
19	Supplying, fitting and fixing Stainless Steel	126.35		330.48	41954.44
20	Fitting Fixing of Partition Walling Aluminium	16.45	Sqm	5640.17	92779.74
21	Supply Fitting Fixing Fully Glazed Aluminium	74.07	Sqm	658.94	48810.48

Sl. No.	Description of Item	Total Qty.	Unit	Rate	Amount
22	Supplying, fitting and fixing MS Grills, Doors and Windows made out of structural steel flat etc as per direction of Engineer in charge.	779.29	Sqm	132.29	103090.34
23	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.	40.23	Sqm	55.09	2215.91
24	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.	40.23	Sqm	138.34	5565.5

**Rs 2449714.00**

**RUPEES (TWENTY FOUR LAKHS FORTY NINE THOUSAND SEVEN HUNDRED FORTY ONLY)**

**TOTAL 24 NOS ITEM ONLY**

  
Assistant Engineer  
Ghasipura Block

  
Executive Engineer  
DRDA Keonjhar

43

**BILL OF QUANTITY (BOQ)****ORIGINAL COPY**

**NAME OF THE WORK:** - Const of Additional class room ,drinking water facility and toilet at D N Bldyapitha Alati

**Amount put to Tender**

**Rs 2402921**

**Class of Contractor**

**"B" & "C"**

**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	95.58	Cum	182.77	17468.89
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.	129.12	Cum	322.83	41683.89
3	Cement concrete of proportion (1:3:8) 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	29.22	cum	4594.89	134282.50
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		4001.46	17677.41
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	13.05	Cum	5221.14	68135.88
b	Plinth beam	6.48	Cum	5530.40	35837.01
c	Column & Wall Beam	16.93	Cum	11437.91	193643.74
d	Lintel & Sill band	3.68	Cum	9928.98	36582.58
e	Roof slab	26.00	Cum	9855.77	256250.02

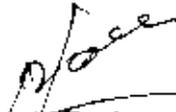
6	Suppling, coiled M.S rod or HYSD steel (Fe-415),cutting, bending,cracking,hooking,olding or jointing (if required) reinforcement including labour charges for cutting, bending, binding and straightening and tying the grills and placing in position including cost of blinding wire 18 to 20 gauge as per drawing and technical specificalton as directed by the engineering-in-charge.	58.00	Qty	7573.59	439268.22
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/cm <sup>2</sup> 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-	40.68	Cum	4172.16	169723.06
8	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.	48.45	Cum	4210.10	203979.35
9	Providing 20 mm thick grading plaster (1:4) over roof slab including cost, conveyance, royalty, curing all etc complete	210.04	SQM	219.27	46056.22
10	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-	270.83	SQM	139.28	37721.20
11	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.	1165.90	SQM	197.50	230265.25
12	Fixing tiles in floor over thick bed of cement mortar 1:1 including rubbing and polishing excluding cost of tiles	115.33	SQM	952.28	109826.45
13	6 mm thick cement plaster in C.M. (1:4) RCC WORK	155.20	SQM	148.84	23100.33
14	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.	1591.91	Sqm	59.07	94034.12

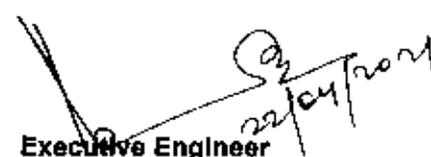
15	Finishing walls with weather coat of approved shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc complete as per direction of Engineer in charge.	1591.91	Sqm	72.84	115959.06
16	Supplying, fitting and fixing Fabricated MS Grills, Doors and Windows made out of structural steel flat etc as per	168.00	Sqm	70.00	11760.00
17	Supplying, fitting and fixing MS Grills, Doors and Windows made out of structural steel flat etc as per direction of Engineer in charge.	814.13	Sqm	132.29	107698.26
18	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.	54.07	Sqm	53.03	2867.33
19	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.	65.78	Sqm	138.34	9100.0052

**Rs 2402921**

**(Rupees Twentyfourlaks Two thousand Nine hundred Twentyone ) ONLY**

**TOTAL 19 NOS 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)

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 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



47

ORIGINAL

**BILL OF QUANTITY (BOQ)****NAME OF THE WORK:** -Construction of Additional class room ,Drinking water facility and Toilet at Kalyani bidyapitha G.B.Goda.

Amount put to Tender : Rs. 4,460,932.50  
 Class of Contractor : B' & A' class only  
 Cost of Tender Paper : Rs.6000.00  
 Date required for completion : 3(Three) calender Month

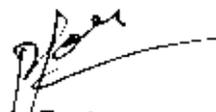
Sl. no.	Item of Work	Quantity	Unit	Rate	Amount
1	Earthwork in excavation of foundation in hard soil or gravely soil except sheet rock requiring blasting to proper profile with all leads,lifts and delifts to proper section and profile including dressing and levelling the bed upto required depth . as per direction of Engineer-in-charge	260.58	cum	182.80	47633.21
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	289.40	cum	410.83	118894.38
	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.	65.44	cum	4721.61	309004.03
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	3.17	Cum	4128.17	13092.25
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	23.64	Cum	5339.94	126243.84
b	Plinth beam	24.53	Cum	5649.20	138574.96
c	Column & Wall Beam	35.17	Cum	11556.71	406470.53
d	Lintel & Sill band	7.92	Cum	10047.78	79578.40
e	Roof slab	47.93	Cum	9974.57	478081.10
f	Stair case	2.20	Cum	11116.46	24464.54

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	130.38	Qntl	7573.59	987444.51
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.	60.87	Cum	4266.13	259679.11
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.	94.79	Cum	4304.08	407983.39
8	Providing 20 mm thick grading plaster (1:4) over roof slab including cost, conveyance, royalty, curing all etc complete	362.72	Sqm	221.30	80268.60
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	465.72	Sqm	140.60	65480.23
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	512.05	Sqm	199.08	101938.91
11	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.	342.46	Sqm	954.12	326747.94
	6mm thick cement plaster (1:4) over R.C.C work with cost of all material and all labour etc.	343.14	sqm	149.50	51299.03
13	Supplying fitting fixing of Vetrified file in dado and skirting and riser of step on 12 mm thick cp in cement mortar (1:3) with cement sultry mixwith pigment to match the shade of the tile with rubbing & polishing including all cost of materials . T & P etc.complete	13.56	Sqm	964.51	13082.07
	Fixing tiles chequered tiles In floors trades or steps and landing on 20 mm thick bed of CM (1:4) jointed with neat cement slury mix with pigment to match the sais of the tiles including rubbing and polishing with cost conveyance of all materials etc complete.	15.79		493.23	7789.58
14	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.	1209.09	Sqm	59.07	71421.14
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.	1209.09	Sqm	72.84	88073.65

16	25mm thick A.S flooring with C.C (1:2:4) including punning using 12mm size H.G.C.B chips 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.	8.67	Sqm	308.18	2673.34
17	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	1574.65
18	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	3213.95
19	Supplying, fitting and fixing MS Grills, Doors and Windows made out of structural steel flat etc as per direction of Engineer in charge.	1718.86	KG	132.29	227382.66
20	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.	119.01	Sqm	53.03	6311.39
21	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.	119.01	Sqm	138.34	16464.07
<b>Total</b>					4460932

(Rupee forty four Lakhs sixty Thousand nine hundred thirty two only)

TOTAL 21 (TWENTYONE) NOS ITEM ONLY

  
Assistant Engineer  
Ghasipura Block

Approved for 21 (Twentyone) 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 Kaonjhar

**Block Development Officer**  
Ghasipura Block



24

ORIGINAL

**BILL OF QUANTITY (BOQ)**

**NAME OF THE WORK:** - Construction of Additional classroom, Science Lab & Toilet at Nandinidevi High School, Kanpur, Madanpur for the year 2020-21

**Amount put to Tender**

Rs 2759464.00

**Class of Contractor**

"B" & "C"

**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 graveling 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	182.26	Cum	182.77	27828.56
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.	168.36	Cum	322.83	54351.66
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	17686.41
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	34.46	cum	4594.89	158339.91
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	23.46	Cum	5221.14	122487.94
b	Plinth beam	7.04		5530.40	38934.02
c	Column & Wall Beam	19.69		11437.91	225212.45
d	Lintel & Sill band	5.36		9928.98	53219.33
e	Roof slab	28.97		9855.77	285521.66
6	Suppling, coiled M.S rod or HYSD steel (Fe-415), cutting, bending, cracking, hooking, lapping 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 specification as directed by the engineering-in-charge.	74.22	Qt	7573.59	562111.85
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/cm <sup>2</sup> including spalls 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	45.11	Cum	4172.15	188664.82

Sl. No.	Description of Item	Total Qty.	Unit	Rate	Amount
(b)	In superstructure .	55.26	Cum	4210.10	232734.33
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	462.71	Sqm	139.26	63053.45
9	18 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	254.37	Sqm	197.50	50238.08
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	235.74	Sqm	219.27	51890.71
11	6 mm thick cement plaster in C.M. (1:6)				
	Ground Floor	87.98	Sqm	148.64	13094.94
12	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.				
	Ground Floor	896.37	Sqm	59.07	52948.58
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	696.37	Sqm	72.84	65291.59
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	1138.40	Sqm	70.00	79648.00
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	87.36	Sqm	53.05	3571.57
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	85.06	Sqm	138.34	11767.20
17	Fixing tiles in floor over thick bed of cement mortar 1:1 including rubbing and polishing excluding cost of tiles				

Sl. No.	Description of Item	Total Qty.	Unit	Rate	Amount
	Ground Floor	221.29	Sqm	952.28	210730.04
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	14.03	Sqm	481.36	6894.06
19	Supplying, fitting and fixing Stainless Steel				
	Ground Floor	126.95	Sqm	330.48	41954.44
20	Supply Fitting Fixing Fully Glazed Aluminium	74.07	Sqm	658.94	48807.69
21	Fitting Fixing of Partition Walling Aluminium	16.45	Sqm	5640.17	92780.80
					<b>2759464</b>

TWENTY SEVEN LAKHS FIFTY NINE THOUSAND FOUR HUNDRED SIXTY FOUR

TOTAL 21 NOS ITEM ONLY

*[Signature]*  
Assistant Engineer

Ghasipura Block

Approved for 23 items only

*[Signature]*  
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**



ORIGINAL

**BILL OF QUANTITY (BOQ)**

**NAME OF THE WORK: - Construction of additional class room at K.B.H.S,Saladei for the year 2020-21**

Amount put to Tender : Rs. 2,129,679 - 00  
 Class of Contractor : B' & C' class only  
 Cost of Tender Paper : Rs.6000.00  
 Date required for completion : 3(Three) calender Month

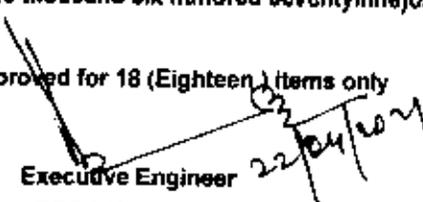
Sl.	Item of Work	Quantity	Unit	Rate	Amount
1	Earthwork in excavation of foundation in hard soil or gravelly soil except sheet rock requiring blasting to proper profile with all leads, lifts and delfts to proper section and profile including dressing and levelling the bed upto required depth as per direction of	122.00	cum	182.77	22297.58
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	144.18	cum	322.83	46546.35
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	31.20	Cum	4400.19	137306.19
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	12.07	Cum	4827.95	58284.07
b	Plinth beam	5.72	Cum	5137.21	29405.37
c	Column & Wall Beam	18.35	Cum	11044.71	202715.67
d	Lintel & Sill band	3.29	Cum	9535.79	31410.59
e	Roof slab and chajja	23.85	Cum	9462.58	223791.18
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	59.94	Qntl	7582.23	454476.52
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.	44.94	Cum	4204.10	188941.19
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.	48.13	Cum	4242.05	204160.44

8	Providing 20 mm thick grading plaster (1:4) over roof slab including cost, conveyance, royalty, curing all etc complete	189.67	Sqm	212.00	40211.20
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	191.40	Sqm	133.60	25570.57
10	6mm thick cement plaster(1:6)	217.74	Sqm	142.94	31124.21
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	229.70	Sqm	190.68	43799.53
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 rubbing and polishing with cost conveyance of all materials etc complete.	157.05	Sqm	935.28	146889.07
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 direction of engg. In charge.	24.62	Sqm	1016.31	25019.98
14	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.	638.84	Sqm	59.07	37736.37
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.	638.84	Sqm	72.84	46533.21
16	Supplying, fitting and fixing MS Grills, Doors and Windows made out of structural steel flat etc as per direction of Engineer In charge.	918.22	KG	134.08	123112.10
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.	54.07	Sqm	53.03	2867.35
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.	54.07	Sqm	138.34	7479.84
<b>Total</b>		<b>Rs</b>			<b>2129679</b>

Rupees( Twentyone Lakhs Twentynine thousand six hundred seventynine)only  
TOTAL 18 (TWENTYONE) NOS ITEM ONLY

  
Assistant Engineer  
Ghasipura Block

Approved for 18 (Eighteen) 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:-**

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- 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: - Upgradation of Dhanel Bidyapitha, Khaliamenta for the year 2020-21

Amount put to Tender : 4909896.00  
 Class of Contractor : B & C class only  
 Cost of Tender Paper : Rs.6000.00  
 Date required for completion : 6(Six) calendar Month

Sl. No.	Description of Item	Time of Completion: 06 Months			
		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 & Mt including cost of all labour, T & P, dewatering, shoring and shuttering for the work etc. complete & as per direction of Engineer in charge	Cum	263.15	184.59	48576.14
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	248.87	370.50	92576.67
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	73.36	3800.98	278800.66
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	2.79	285.45	796.39
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	178.66	4567.73	810070.04
5	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	4.69	5652.81	26511.70
6	RRHG(26cmx12cmx8cm) masonry in CM(1:6) for in foundation and plinth in curbing and watering, curing etc including cost, convenience, 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	80.87	3277.57	266056.79

Sl. No.	Description of Item	Unit	Total Qty.	Rate	Amount
7	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 grids 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.	Qtd	200.27	5655.67	1132661.03
8	Rigid & smooth centering and Shuttering.				
	(a) Column and beam	Sqm	399.91	735.64	294590.73
	(b) Lintel	Sqm	74.97	263.33	19742.21
	© Roof slab	Sqm	416.43	439.69	183181.69
9	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 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- foundation				
	(a)	Cum	24.73	4142.29	81015.92
	(b) In superstructure .	Cum	87.53	4175.62	365481.97
10	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.	Sqm	481.35	134.88	60826.93
11	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.	Sqm	481.35	192.86	86968.79
12	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-charge.	Sqm	105.63	211.64	22355.54
13	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.	Sqm	410.27	222.12	91130.83
14	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-charge.	Sqm	425.91	146.14	62243.18
15	Painting 2 coat with approved paint over 1 coat of cement washing on as per the direction of Engineer- in -charge.	Sqm	1412.08	14.08	19853.85

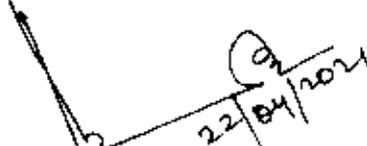
Sl. No.	Description of Item	Unit	Total Qty.	Rate	Amount
16	Painting 2 coat with approved paint over 1 coat of priming on as per the direction of Engineer- In -charge.	Sqm	1358.20	65.34	88744.67
17	Finishing out side wall surface with weather coat with 2 coat with any approved shade overhead coat of priming including cost of all material and labour (T&P) etc.as per direction of Engineer-in-Charge.	Sqm	536.52	75.43	40221.89
18	Finishing in side wall surface with Distemparing 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	819.58	66.21	54273.98
19	Painting 2 coat Door window with approved paint over 1 coat of priming on as per the direction of Engineer- In -charge.	Sqm	278.35	196.00	54653.91
20	Fixing tiles in floor over thick bed of cement mortar 1:1 including rubbing and polishing excluding cost of tiles	Sqm	383.82	1106.49	424626.23
21	Fixing tiles in dados and riser of steps on 12mm thick cement plaster (1:3) including rubbing and polishing excluding cost of tiles	Sqm	73.66	1214.86	89486.52
22	Fixing granite in top of the lab table over thick bed of cement mortar 1:1 including rubbing and polishing excluding cost of tiles	Sqm	20.16	2412.46	48635.10
23	M8 Door, windows & Gate				170000.00
					4909896.19
		or		Rs.	4909896.00

(Rupees Fourty Nine lakhs Nine Thousand Eight Hundred Ninety Six ) only.

TOTAL 23 (Twenty Three) NOS ITEM ONLY

Approved for 23 (Twenty Three ) items only

  
Assistant Engineer  
Ghasipura Block

  
Executive Engineer  
DRDA, Keonjhar  
22/04/2021

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:-**

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**Executive Engineer  
DRDA Keonjhar**

**Block Development Officer  
Ghasipura Block**