

original

BILL OF QUANTITY (BOQ)

NAME OF THE WORK: - Construction of A.W.C Building at rangamatia for the year 2020-21

Amount put to Tender : **Rs. 12,36,450 - 00**

EMD : **1% of the Amount put to Tender**

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	62.65	cum	203.30	12736.00
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	63.87	cum	459.35	29340.00
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	14.50	Cum	4190.79	60767.00
4	RCC M20 grade with 20mm and down graded black hard granite crusher broken chips including hosting and laying	32.49	Cum	5262.62	170983.00
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 requreas per direction of Engineer-in-charge	29.24	Qntl	6473.10	189280.00
6	Rigid & smooth centring and shuttering				
	(A) Column foundation & Plinth	32.49	Sqm	102.10	3317.00
	(B) Column & beam	76.48	Sqm	724.09	55375.00
	(C) Lintel	19.38	Sqm	263.57	5109.00
	(D) Chajja & Roof slab	100.20	Sqm	425.21	42605.00
7	Fly ash.Brick masonry in cement mortar (1:6) in Superstructure including cost ,conveyance etc as per direction of Engineer-in-charge .	26.46	Cum	4321.20	114319.00

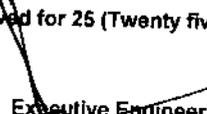
8	Fly ash.Brick masonry in cement mortar (1:4) in Superstructure of 5" partition wall including cost ,conveyance etc as per direction of Engineer-in-charge .	34.30	Cum	4354.20	149347.00
9	12 mm thick cement plaster in C.M.(1:6) in external surface of wall including cost ,conveyance etc as per direction of Engineer-in-charge	118.43	Sqm	142.70	16901.00
10	Supplying fitting &fixing of M.S.Grill for Window including all cost of material & Laour charges as per direction of Engineer-in-charge.	862.26	Kg	85.00	73292.00
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	280.27	Sqm	201.90	56587.00
12	20 mm thick cement plaster in cement mortar (1:6) in external surface of wall including cost ,conveyance etc as per direction of Engineer-in-charge.	25.08	Sqm	212.40	5327.00
13	6mm thick cement plaster in cement mortar (1:4) to RCC surface finished smooth including deep chipping and slury treatment including punning including cost, conveyance & royalty of materials.	103.11	Sqm	158.50	16343.00
14	Finishing wall surface with Acrylic wall putty(water based of approved make and finished smooth and even to receive paint in including cost of scaffolding etc complete	324.60	Sqm	71.38	23171.00
15	Priming 1 coat with primer	468.12	Sqm	59.67	0.00
16	Wall painting two coat with plastic emulsion paint over a coat of priming including cost of all materials and labour etc. complete as per the direction of Engineer-in-Charge.	324.60	Sqm	80.08	25996.00
17	Painting 2-coats with enamel paint over a coat of priming to door and windows.	30.57	Sqm	165.54	5060.00
18	Finishing out side wall surface with Weather Coat (I.S.I) two coats with any approved shade overhead coat of priming including cost of all materials and	143.52	Sqm	73.57	10559.00
19	Supplying, fitting and fixing vetrified tile in floors of size 600mm*600 mm of approved make with application of polymer modified cement based water resistant adhesive bed of required thickness of 10 mm and filling joints with Epoxy grout of approved quality including cost of all materials labour, T&p etc complete as per direction of Engineer-in-charge	68.13	Sqm	1123.62	76547.00
20	Fixing the tiles in dados skirting risers of on 12 mm thick C.P. (1:3) jointed with neat cement Slury				
	with vetrified tile	11.49	Sqm	1016.92	11683.00

21	Supplying fitting & fixing of tiles in floors, treads or steps and landing on 25 mm thick bed of C.M(1:1) (1cement : 1sand) jointed with neat cement slurry				
	with granite	4.82	Sqm	2844.21	13702.00
22	Fixing the tiles in dados skirting risers of on 12 mm thick C.P. (1:3) jointed with neat cement Slurry				
	with Chequeres tile	5.53	Sqm	615.14	3400.00
23	Supplying fitting & fixing of tiles in floors, treads or steps and landing on 25 mm thick bed of C.M(1:1)				
	with Ceramic tile	7.31	Sqm	809.03	5910.00
24	Fixing the tiles in dados skirting risers of on 12 mm thick C.P. (1:3) jointed with neat cement Slurry				
	with Ceramic tile	47.30	Sqm	759.47	35919.00
25	20 mm thick grading plaster in CM (1:4) to roof slab	100.20	Sqm	228.30	22875.00
Total				Rs	1236450.00

TOTAL 25 (Twenty five) NOS ITEM ONLY


Assistant Engineer
Ghasipura Block

Approved for 25 (Twenty five) items only


Executive Engineer
DRDA Keonjhar

07/01/2021

TO BE FILLED BY THE TENDERER

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

Equal to Estimate Cost
Excess in Percentage
Less in Percentage

in Figure	
	%
	%
	%

In words

Notes:-

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

Executive Engineer
DRDA Keonjhar

Block Development Officer
Ghasipura Block



(32)

ORIGINAL

BILL OF QUANTITY (BOQ)

NAME OF THE WORK: - Construction of Additional classroom, Toilet and boundary wall at S.N Nodal UPS for the year 2020-21

Amount put to Tender : Rs. 1,347,361.00
 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	91.27	cum	182.80	16683.65
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	51.81	cum	454.84	23565.47
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.	16.21	cum	4742.97	76861.41
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	6.47	Cum	5669.12	36663.03
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.	27.59	Qntl	7573.66	208969.26

7	Fly ash brick masonry with cement mortar (1:6) in foundation and plinth including cost, conveyance, royalty, taxes of all materials, all labour & P sundries etc complete as per direction of Engineer in charge.	45.37	Cum	4278.70	194115.98
8	Brick work with Fly ash brick with cement mortar (1:6) in superstructure including cost, conveyance, royalty, taxes of all materials, all labour & P sundries etc complete as per direction of Engineer in charge.	59.45	Cum	4316.65	256618.01
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	422.05	Sqm	199.91	84372.69
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	164.96	1256.63
13	Fixing tiles (vetrified tiles 600mm x 600mm) in floors , treads or steps and landing on 20mm thicks bed of CM 1:4 jointed with neat cement slury mixed with pigment to match the shade of the tiles including rubing and polishing with cost conveyance of all materials etc complete.	62.77	Sqm	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. In charge.	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 complete as per direction of Engineer in charge.	8.67	Sqm	308.73	2678.16
16	Cement washing 1 coat with shell lime on slacked & cement including all cost, taxes etc complete as per direction of Engineer in charge.	98.24	Sqm	16.03	1574.77
17	Finishing wall with water proofing cement paint of approved shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc complete as per direction of Engineer in charge.	392.24	Sqm	34.65	13401.95

18.	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.	223.19	Sqm	59.08	13185.83
19	Finishing wall with weather coat paint or approved shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc complete	223.19	Sqm	72.85	16259.07
20	Supplying, fitting and fixing MS Grills, Doors and Windows made out of structural steel flat etc as per direction of Engineer in charge.	447.49	KG	132.29	59197.15
21	Priming one coat on new iron work & wood work with all cost of material & labour T & P etc complete as per direction of Engineer in charge.	34.84	Sqm	54.46	1882.02
22	Painting two coats with any approved on new wood work / iron work with all cost, of materials and labour, T & P etc completed as per direction of Engineer in charge.	34.84	Sqm	138.36	4820.61

Total

1347360.45

Total

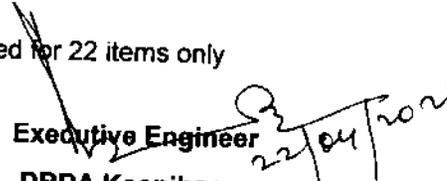
1347361.00

TOTAL 22 NOS ITEM ONLY

(Thirteen lakh forty seven thousand three hundred sixty one)


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)

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

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 labourT & 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 labourT & 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 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.	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 seventy six Only
TOTAL 22 NOS ITEM ONLY**

ORSAY Rs901176.00

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:-

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

Block Development Officer
Ghasipura Block

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 : 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	98.44	cum	182.80	17999.78
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	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	219788.16
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	290935.35

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	97086.97
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	164.96	1256.63
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	955.07	59946.26
14	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.	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	2678.16
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

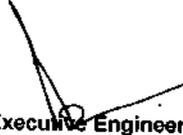
22	Painting two coats with any approved on new wood work / iron work with all cost, of materials and labour, T & P etc completed as per direction of Engineer in charge.	34.84	Sqm	138.36	4820.61
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Total

1439224.00

**(Fourteen Lakhs Thirty Nine Thousand Two Hundred Twenty Four)only
TOTAL 22 NOS ITEM ONLY**


Assistant Engineer
Ghasipura Block


Executive Engineer
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	%	
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**Executive Engineer
DRDA Keonjhar**

**Block Development Officer
Ghaspura Block**

43

ORIGINAL

BILL OF QUANTITY (BOQ)

NAME OF THE WORK: - Construction of Additional classroom and boundary wall at Brajabandhu UP Scool for the year 2020-21

Amount put to Tender : Rs. 1,790,922.00
 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	129.74	cum	182.80	23716.69
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	55.29	cum	322.84	17848.95
3	P.C.C (1:3:6) in foundation and plinth using 25mm H.G.C.B metal including cost, conveyance, royalty etc complete as per the direction of Engineer incharge.	25.21	cum	4782.94	120555.6
4	R.C.C (M20) using 12mm H.G.C.B chips including centering & shuttering cost, conveyance, royalty etc complete as per the direction of Engineer incharge.				
a	Footing	7.22	Cum	5408.22	39071.19
b	Plinth beam	11.23	Cum	5717.50	64155.58
c	Column & Wall Beam	3.62	Cum	11625.58	42114.36
d	Lintel & Sill band	1.60	Cum	10116.31	16158.96
e	Roof slab	7.10	Cum	10043.20	71347.53
f	Chajja	10.72	Cum	867.35	9295.77
5	Straightening, cutting, bending, binding of M.S rod or Tor steel, tying up the grills and placing in position including cost of binding wire with all cost conveyance, taxes etc completed in all respect as per the direction of Engineer in charge.	29.07	Qntl	7582.30	220376.38

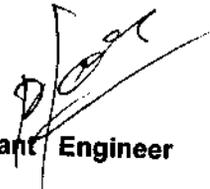
6	Fly ash brick masonry with cement mortar (1:6) in foundation and plinth including cost, conveyance, royalty, taxes of all materials, all labour T & P sundries etc complete as per direction of Engineer in charge.	83.54	Cum	4316.60	360593.07
7	Brick work with Fly ash brick with cement mortar (1:6) in superstructure including cost, conveyance, royalty, taxes of all materials, all labour T & P sundries etc complete as per direction of Engineer in charge.	103.75	Cum	4354.55	451756.33
8	Providing 20 mm thick grading plaster (1:4) over roof slab including cost, conveyance, royalty, curing all etc complete	63.03	Sqm	219.89	13858.33
9	12 mm thick cement plaster in C.M.(1:6) in external surface of wall including cost, conveyance etc as per direction of Engineer-in-charge	159.56	Sqm	139.59	22273.01
10	16 mm thick cement plaster in C.M.(1:6) in internal surface of wall including cost, conveyance etc as per direction of Engineer-in-charge	806.24	Sqm	197.89	159547.46
11	12mm thick cement plaster with cement mortar (1:6) cement punning for dadoes and skirting including cost, conveyance, royalties, taxes etc of all materials, costs of all labour sundries T & P etc complete as per direction of Engineer in charge.	7.62	Sqm	163.51	1245.59
12	Fixing tiles (vetrified tiles 600mm x 600mm) in floors , treads or steps and landing on 20mm thicks bed of CM 1:4 jointed with neat cement slury mixed with pigment to match the shade of the tiles including rubing and polishing with cost conveyance of all materials etc complete.	52.73	Sqm	953.25	50261.07
13	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.	223.19	Sqm	59.08	13185.83
14	Finishing wall with weather coat paint or approved shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc	223.19	Sqm	72.85	16259.07
15	Supplying, fitting and fixing MS Grills, Doors and Windows made out of structural steel flat etc as per direction of Engineer in charge.	356.88	KG	132.29	47210.19
16	Priming one coat on new iron work & wood work with all cost of material & labour T & P etc complete as per direction of Engineer in charge.	23.97	Sqm	54.46	1305.30

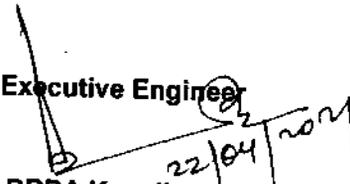
17	Painting two coats with any approved on new wood work / iron work with all cost, of materials and labour, T & P etc completed as per direction of Engineer in charge.	23.97	Sqm	138.36	3316.17
18	Finishing wall with water proof cement paint of approved shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc complete as per direction of Engineer in charge.	735.00	Sqm	34.65	25469.99
Total					1790922

TOTAL 18 NOS ITEM ONLY

(Seveteen lakhs Ninety thousand nine hounded twenty two

Approved for 18 items only


Assistant Engineer
Ghasipura Block


Executive Engineer
DRDA Keonjhar
 22/04/2021

TO BE FILLED BY THE TENDERER

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

Equal to Estimate Cost

Excess in Percentage

Less in Percentage

in Figure

	%
	%
	%

In words

Notes:-

- 1) The Tenderer should quote the percentage up to one decimal point only.
- 2) The Tenderer should go through the special conditions in the DTCN for percentage rate contract before
- 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

39

ORIGINAL

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

Amount put to Tender : ^{16,05,145.7} Rs. 16,005,145.00
 Class of Contractor : D' & C' class only
 Cost of Tender Paper : Rs.6000.00
 Date required for completion : 3(Three) calendar Month

Sl. no.	Item of Work	Quantity	Unit	Rate	Amount
1	Earthwork in excavation of foundation in hard soil or gravelly soil except sheet rock requiring blasting to proper profile with all leads, lifts and delifts to proper section and profile including dressing and levelling the bed upto required depth . as per direction of Engineer-in-charge	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	410.84	38050.34
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	4128.41	96615.15
4	R.C.C (M20) using 12mm H.G.C.B chips including centering & shuttering cost, conveyance, royalty etc complete as per the direction of Engineer incharge.				
a	Footing	13.22	Cum	5340.04	70606.90
b	Plinth beam	5.30	Cum	5649.32	29938.42
c	Column & Wall Beam	8.83	Cum	11557.39	102104.10
d	Lintel & Sill band	2.83	Cum	10048.12	28456.87
e	Roof slab	16.04	Cum	9975.02	159998.50
f	Chajja	16.65	Cum	862.91	14367.53
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	45.40	Qntl	7573.66	343809.93
6	Fly ash brick massonary with cement mortar (1:6) in foundation and plinth including cost, conveyance, royalty, taxes of all materials, all labourT & P sundries etc complete as per direction of Engineer in charge.	30.62	Cum	4266.38	130652.98
7	Brick work with Fly ash brick with cement mortar (1:6) in superstructure including cost, conveyance, royalty, taxes of all materials, all labourT & P sundries etc complete as per direction of Engineer in charge.	37.60	Cum	4304.33	161870.48

8	Providing 20 mm thick grading plaster (1:4) over roof slab including cost, conveyance, royalty, curing all etc complete	121.40	Sqm	221.30	26865.24
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	140.61	39891.95
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	199.12	49458.95
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.	113.45	Sqm	954.15	108248.01
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.	15.31	Sqm	164.30	2515.88
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 dircion of engg.	13.56	Sqm	964.51	13082.07
14	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.	397.98	Sqm	59.08	23512.70
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.	397.98	Sqm	72.85	28992.65
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	308.20	2673.58
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	1574.77
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.	98.24	Sqm	32.71	3213.95
19	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
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.	58.81	Sqm	53.04	3119.20
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.	58.81	Sqm	138.36	8136.78

Total

1605145

(Sixteen lakhs five thousand one hundred forty five) 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)

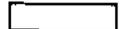
	in Figure	In words
Equal to Estimate Cost	%	
Excess in Percentage	%	
Less in Percentage	%	

Notes:-

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

**Executive Engineer
DRDA Keonjhar**

**Block Development Officer
Ghasipura Block**





ORIGINAL

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

Amount put to Tender : Rs. 1,374,677.50
Class of Contractor : D' & C' class only
Cost of Tender Paper : Rs.6000.00
Date required for completion : 3(Three) calender Month

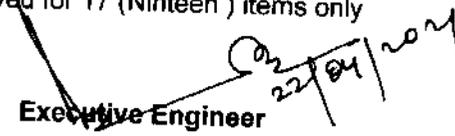
Sl. no.	Item of Work	Quantity	Unit	Rate	Amount
1	Earthwork in excavation of foundation in hard soil or gravelly soil except sheet rock requiring blasting to proper profile with all leads, lifts and delifts to proper section and profile including dressing and levelling the bed upto required depth . as per direction of Engineer-in-charge	76.83	cum	182.80	14044.49
2	Supplying, filling in foundation and plinth with sand, watered and rammed including cost, conveyance & royalty and all taxces of materials cost of all labour with T&P etc. complete. as per direction of Engineer-in-charge	87.09	cum	322.84	28117.05
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	R.C.C (M20) using 12mm H.G.C.B chips including centering & shuttering cost, conveyance, royalty etc complete as per the direction of Engineer incharge.				
a	Footing	13.22	Cum	5221.24	69036.10
b	Plinth beam	4.43	Cum	5530.52	24490.42
c	Column & Wall Beam	8.83	Cum	11438.59	101054.56
d	Lintel & Sill band	2.38	Cum	9929.32	23637.98
e	Roof slab	13.69	Cum	9856.22	134908.88
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	41.91	Qntl	7573.66	317438.46
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.	23.79	Cum	4172.40	99270.51
7	Brick work with Fly ash brick with cement mortar (1:6) in superstructure including cost, conveyance, royalty, taxes of all materials, all labour T & P sundries etc complete as per direction of Engineer in charge.	26.77	Cum	4210.35	112728.23
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	228.71	Sqm	139.29	31856.96
10	16 mm thick cement plaster in C.M.(1:6) in internal surface of wall including cost ,conveyance etc as per direction of Engineer-in-charge	191.58	Sqm	197.54	37844.21
11	Fixing tiles (vetnted 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	103.41	Sqm	952.30	98477.03
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 sully mixwith pigment to match the shade of the tile with rubbing & polishing including all cost of materials .T & P etc.complete	10.04	Sqm	963.37	9672.83
13	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.	392.00	Sqm	59.08	23159.40
14	Finishing wall with weather coat paint of approved shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc complete as per direction of Engineer in charge.	392.00	Sqm	72.85	28557.01
15	Supplying,fitting and fixing MS Grills,Doors and Windows made out of structural steel flat etc as per direction of Engineer in charge.	669.14	KG	132.29	88519.11

16	Priming one coat on new iron work & wood work with all cost of material & labour T & P etc complete as per direction of Engineer in charge.	47.94	Sqm	54.46	2610.60
17	Painting two coats with any approved on new wood work / iron work with all cost, of materials and labour, T & P etc completed as per direction of Engineer in charge.	47.94	Sqm	138.36	6632.34
Total					1374677

(Thirteen lakhs seventy four thousand six hundred seventy seven) only
TOTAL 17 (NINETEEN) NOS ITEM ONLY


Assistant Engineer
Ghasipura Block

Approved for 17 (Nineteen) items only

Executive Engineer
DRDA Keonjhar

TO BE FILLED BY THE TENDERER

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

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

Notes:-

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

Executive Engineer
DRDA Keonjhar

Block Development Officer
Excess in Percentage

BILL OF QUANTITY (BOQ)

ORIGINAL 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 Qunty.	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	34291.98
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, cracking, hooking, loding 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 specificalton as directed by the engineering-in-charge.	81.30	Qtl	6481.78	397333.11
7	Fly ash brick(25cmx12cmx8cm) masonry in CM(1:6)for superstructre in foundation and plnth 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-	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	24843.97
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.	252.25	SQM	133.80	33700.42
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.	718.55	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	935.28	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	142.84	12538.70
15	Fixing chequered tiles on floors, steps etc complete	7.53	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.	600.40	Sqm	35.53	21329.69
19	Supplying, fitting and fixing Stainless Steel	126.95		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

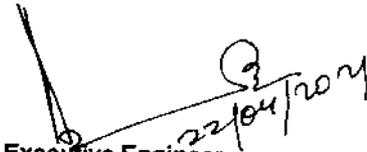
Sl. No.	Description of Item	Total Qunty.	Unit	Rate	Amount
22	Supplying, fitting and fixing MS Grills, Doors and Windows made out of structural steel flat etc as per direction of Engineer in charge.	779.29	Sqm	132.29	103090.34
23	Priming one coat on new iron work & wood work with all cost of material & 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 FORTEEN)ONLY

TOTAL 24 NOS ITEM ONLY


Assistant Engineer
Ghasipura Block


Executive Engineer
DRDA Keonjhar

170

Original

BILL OF QUANTITY (BOQ)

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

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

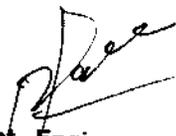
Sl.	Item of Work	Quantity	Unit	Rate	Amount
1	Earthwork in excavation of foundation in hard soil or gravelly soil except sheet rock requiring blasting to proper profile with all leads, lifts and delifts to proper section and profile including dressing and levelling the bed upto required depth as per direction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

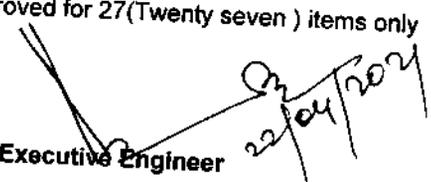
6	Fly ash brick massonary with cement mortar (1:6) in foundation and plinth including cost, conveyance, royalty, taxes of all materials, all labourT & P sundries etc complete as per direction of Engineer in charge.	122.48	Cum	4204.10	514918.17
7	Brick work with Fly ash brick with cement mortar (1:6) in superstructure including cost, conveyance, royalty, taxes of all materials, all labourT & P sundries etc complete as per direction of Engineer in charge.	158.25	Cum	4242.05	671304.41
8	Providing 20 mm thick grading plaster (1:4) over roof slab including cost, conveyance, royalty, curing all etc complete	306.36	Sqm	212.00	64949.27
9	12 mm thick cement plaster in C.M.(1:6) in external surface of wall including cost ,conveyance etc as per direction of Engineer-in-charge	503.70	Sqm	133.60	67294.32
10	16 mm thick cement plaster in C.M.(1:6) in internal surface of wall including cost ,conveyance etc as per direction of Engineer-in-charge	1038.41	Sqm	190.68	198004.02
11	Fixing tiles (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.	258.37	Sqm	935.28	241649.15
12	Fixing the tiles in dados skirting risers of on 12 mm thick C.P. (1:3) jointed with neat	24.62	Sqm	1016.31	25021.50942

13	6mm thick cementplaster(1:6) over RCC Surface	217.74	Sqm	142.94	31124.21
14	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.	1107.75	Sqm	59.07	65434.79
15	approved shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc complete as per direction of Engineer in charge.	1188.78	Sqm	72.84	86590.74
16	Supplying,fitting and fixing MS Grills,Doors and Windows made out of structural steel flat etc as per direction of Engineer in charge.	1628.27	KG	134.08	218314.45

17	Priming one coat on new iron work & wood work with all cost of material & labour T & P etc complete as per direction of Engineer in charge.	103.13	Sqm	53.03	5469.23
18	Painting two coats with any approved on new wood work / iron work with all cost, of materials and labour, T & P etc completed as per direction of Engineer in charge.	103.13	Sqm	138.34	14267.20
19	RCC M20 HBGC	25.79	cum	5749.05	148268.00
20	Fixing chequered tiles in floor ,tread,steps etc..	7.53	sqm	474.39	3572.16
21	Supplying fully glazed alluminium framed openable windows	74.07	KG	658.94	48807.69
22	Supplying fitting fixing stainless steel 304 grade in hand railing	126.95	KG	330.48	41954.44
23	Supplying fitting fixing up partion walling alluminium anodized section	16.45	sqm	5640.17	92780.80
24	Fitting fixing of ceramic tiles in floors	6.22	sqm	866.93	5392.30
25	Fitting fixing of ceramic tiles in walls	23.60	sqm	866.93	20459.55
26	2.5cm thick A.S flooring with CC 1:2:4 including punning	4.65	sqm	295.52	1374.17
27	Priming wall with water proofing cement paint of approved shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc complete as per direction of Engineer in charge.	648.80	sqm	35.53	23051.86
Total					4808470

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


Assistant Engineer
Ghasipura Block

Approved for 27(Twenty seven) items only

Executive Engineer
DRDA Keonjhar

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 .
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- 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: - Upgradation of Neheru High School, Sainkul 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) calender Month

Sl. No.	Description of Item	Time of Completion: 6 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 & 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	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	249.87	370.50	92576.57
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	73.35	3800.96	278800.56
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	816070.04
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(25cmx12cmx8cm) 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	265056.79

Sl. No.	Description of Item	Unit	Total Qunty.	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 stralghtening and tying the grills and placing in position including cost of binding wire 18 to 20 gauge as per drawing and technical specificalton as directed by the engineering-in-charge.	Qtl	200.27	5655.67	1132661.03
8	Rigid & smooth centering and Shuttering.				
	(a) Column and beam	Sqm	399.91	736.84	294590.73
	(b) Lintel	Sqm	74.97	263.33	19742.21
	© Roof slab	Sqm	416.43	439.89	183181.69
9	Fly ash brick(25cmx12cmx8cm) masonry In CM(1:6)for superstructre 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-				
(a)	foundation	Cum	14.73	4142.29	61015.92
(b)	In superstructre .	Cum	87.53	4175.62	365491.97
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 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.	Sqm	451.35	134.99	60929.93
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 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.	Sqm	451.35	192.66	86958.79
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 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.	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	Painting2 coat with approved paint over 1 coat of cement washing on as per the direction of Engineer- in -charge.	Sqm	1412.00	14.06	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	538.52	75.43	40621.89
18	Finishing in side wall surface with Distemping with 2 coat with any approved shade overhead coat of priming including cost of all material and labour (T&P) etc.as per direction of Engineer-in-Charge.	Sqm	819.68	66.21	54273.99
19	Painting 2 coat Door window with approved paint over 1 coat of priming on as per the direction of Engineer- in -charge.	Sqm	276.35	196.00	54163.91
20	Fixing tiles in floor over thick bed of cement mortar 1:1 including rubbing and pollshing excluding cost of tiles	Sqm	393.52	1106.49	435426.23
21	Fixing tiles in dados and riser of steps on 12mm thick cement plaster (1:3) including rubbing and pollshing 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 pollshing excluding cost of tiles	sqm	20.16	2412.46	48635.10
23	MS 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

31/05/2024

Sl. No.	Description of Item	Unit	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

Equal to Estimate Cost

%	
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Excess in Percentage

%	
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Less in Percentage

%	
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**Executive Engineer
DRDA Keonjhar**

**Block Development Officer
Ghasipura Block**