

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 requireas 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 etcas per direction of Engineer-in-charge .	26.46	Cum	4321.20	114319.00

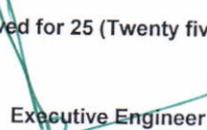
8	Fly ash.Brick masonry in cement mortar (1:4) in Superstructure of 5" partition wall including cost ,conveyance etc as per direction of Engineer-in-charge.	34.30	Cum	4354.20	149347.00
9	12 mm thick cement plaster in C.M.(1:6) in external surface of wall including cost ,conveyance etc as per direction 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 Slurry				
	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 .
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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 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 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

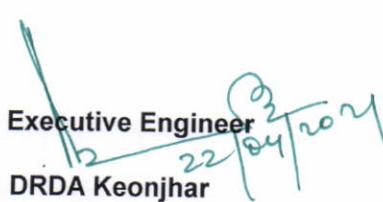
Rs

901176.20

**Rupees Ninelakhs One Thousand One hundred seventysix Only
TOTAL 22 NOS ITEM ONLY**

ORSAY Rs901176.00


Assistant Engineer
Ghasipura Block


Executive Engineer
DRDA Keonjhar

TO BE FILLED BY THE TENDERER

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

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

Notes:-

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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

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 T & 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 T & 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 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 complete as per direction 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

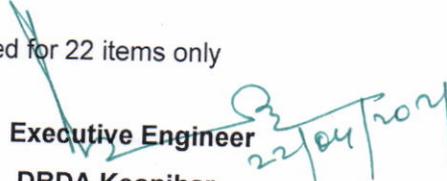
1347361.00

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)

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

Notes:-

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tendering .
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Executive Engineer
DRDA Keonjhar

Block Development Officer
Excess in Percentage

45

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

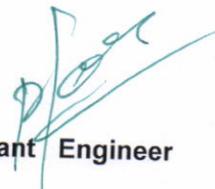
6	Fly ash brick masonry with cement mortar (1:6) in foundation and plinth including cost, conveyance, royalty, taxes of all materials, all labour T & P sundries etc complete as per direction of Engineer in charge.	83.54	Cum	4316.60	360593.07
7	Brick work with Fly ash brick with cement mortar (1:6) in 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, conveyence, royalties, taxes etc of all materials, costs of all labour sundries T & P etc complete as per direction of Engineer in charge.	7.62	Sqm	163.51	1245.59
12	Fixing tiles (vetrified tiles 600mm x 600mm) in floors , treads or steps and landing on 20mm thicks bed of CM 1:4 jointed with neat cement slury mixed with pigment to match the shade of the tiles including rubing and polishing with cost conveyance of all materials etc complete.	52.73	Sqm	953.25	50261.07
13	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.	223.19	Sqm	59.08	13185.83
14	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

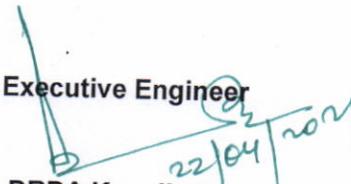
17	Painting two coats with any approved on new wood work / iron work with all cost, of materials and labour, T & P etc completed as per direction of Engineer in charge.	23.97	Sqm	138.36	3316.17
18	Finishing wall with water proof cement paint of approved shade on new work (two coats) to give an even shade 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
 22/04/2024

TO BE FILLED BY THE TENDERER

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

Equal to Estimate Cost

Excess in Percentage

Less in Percentage

in Figure

	%
	%
	%

In words

Notes:-

- 1) The Tenderer should quote the percentage up to one decimal point only.
- 2) The Tenderer should go through the special conditions in the DTCN for percentage rate contract before
- 3) The Tenderers should quote their percentage only inside the space provided for the purpose .
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Executive Engineer
DRDA Keonjhar

Block Development Officer
Excess in Percentage