

# BILLS OF QUANTITY

NAME OF WORK:-

Construction of Day Care SubCenter-Cum -Health & Wellness Centre building at  
Chhotapada for the year 2021-22.

AMOUNT PUT TO TENDER:-

Rs. 2025082.00

Sl. No	ITEM OF WORK	QUANTITY	UNIT	RATE	RATE IN WORDS	AMOUNT
1	Earth work in excavation of foundation trenches in hard soil mixed with gravels including dressing and leveling the bed up to the required depth and depositing the excavated materials with all leads and lifts T & P shoring & Shuttering if required etc. complete as directed by the Engineer – in – Charge.	77.67	Cum	188.79	(Rupees One Hundred Eighty Eight and Seventy Nine Paise Only	Rs. 14663.32
2	Supplying and filling in foundation and plinth with sand including well watering, ramming, including cost, conveyance, royalties and of all materials and cost of all labour with T&P required for the work etc. complete as per direction of Engineer-In-Charge.	61.14	Cum	517.88	(Rupees Five Hundred Seventeen and Eighty Eight Paise Only	Rs. 31663.18
3	Cement concrete (1:3:6) in foundation and plinth using 4 cm. size hard granite crusher broken metal of approved quarry and approved quality including hoisting lowering laying concrete in layers not exceeding 0.15 M. in depth including compacting watering and curing etc. complete including cost conveyance, royalties & of all materials and cost of labour etc with T&P required for the work etc. complete as per specification & direction of Engineer-In-Charge.	21.51	Cum	4541.07	(Rupees Four Thousand Five Hundred Forty One and Seven Paise Only	Rs. 97678.42
4	Cement concrete (1:2:4) (1 cement:2 sand:4 chips) using 12 mm size crusher broken cbhg chips on wall & etc including cost, conveyance, royalty of all materials, labour and (T&P) required for the work complete as per direction of Engineer – in – Charge.	1.55	Cum	5937.82	(Rupees Five Thousand Nine Hundred Thirty Seven and Eighty Two Paise Only	Rs. 9203.62
5	Fly Ash Brick masonry in C.M.(1:6) using Fly Ash Bricks of size 25cm.x12cm.x 8 m. having crushing strength not less than 75 kgs./cm <sup>2</sup> after immersing the bricks for six hours in water before use in Foundation & Plinth including splays cutting, circular moulding corbelling, champhering and similar such type of works with watering and curing etc. including cost, conveyance, royalties and & testing of all materials and cost of all labour with T&P required for the work etc. complete as per specification & direction of Engineer-In-Charge.	25.79	Cum	4118.65	(Rupees Four Thousand One Hundred Eighteen and Sixty Five Paise Only	Rs. 106219.98
6	Fly Ash Brick masonry in C.M.(1:6) using Fly Ash Bricks of size 25cm.x12cm.x 8 m. having crushing strength not less than 75 kgs./cm <sup>2</sup> after immersing the bricks for six hours in water before use in Superstructure including splays cutting, circular moulding corbelling, champhering and similar such type of works with watering and curing etc. including cost, conveyance, royalties of all materials & labour with T&P required for the work etc. complete as per specification & direction of Engineer-In-Charge.	51.76	Cum	4151.98	(Rupees Four Thousand One Hundred Fifty One and Ninety Eight Paise Only	Rs. 214906.48
7	RCC work M-20 having a minimum compressive strength 200kgs/cm <sup>2</sup> in 15cm.cubes at 28 days after mixing and tests conducted in accordance with IS.456 and IS.516 using 12mm.to 20mm. size black hard crusher broken granite stone chips of approved quality and from approved quarry including hoisting lowering laying and compact concrete by using vibrator watering and curing for 28 days centering shuttering and finishing the exposed surface smooth providing grooves or beads where necessary including cost, conveyance, royalties & testing of all materials and cost of all labour with T&P required for the work etc. complete in all respect as per specification & direction of E.I.C.					
	a) Plinth Beam	5.49	Cum	5382.32	(Rupees Five Thousand Three Hundred Eighty Two and Thirty Two Paise Only	Rs. 29548.94
	b) Lintel	2.93	Cum	8685.09	(Rupees Eight Thousand Six Hundred Eighty Five and Nine Paise Only	Rs. 25447.31
	c) Column base & footing	8.98	Cum	5005.35	(Rupees Five Thousand Five and Thirty Five Paise Only	Rs. 44948.04

	d) Column beam & bed block	8.88	Cum	12291.89	(Rupees Twelve Thousand Two Hundred Ninety One and Eighty Nine Paise Only)	Rs. 109151.98
	e) R.C.C Chajja	23.58	Sqm	799.88	(Rupees Seven Hundred Ninety Nine and Eighty Eight Paise Only)	Rs. 18861.17
	f) Staircase	2.53	Cum	10316.18	(Rupees Ten Thousand Three Hundred Sixteen and Eighteen Paise Only)	Rs. 26099.94
	g) R.C.C Roof Slab	14.95	Cum	9253.19	(Rupees Nine Thousand Two Hundred Fifty Three and Nineteen Paise Only)	Rs. 138335.19
8	Cutting straightening HYSD Bars/High tensile tor steels, confirming to FE -500 grade bending binding welding and jointing if necessary and tying the grills and placing in position as required for RCC work and for providing fan hooks hoisting lowering and laying including cost, conveyance of HYSD bars/High tensile tor steels and binding wires of 18 to 20 gauge and labour required for the work for bending binding and tying the grills in all floors etc. complete as per direction of E.I.C.(Measurement will be taken excluding cost of binding wire)and payment will be made on the weight of M.S or tor steel only).	51.38	Qntl	8972.40	(Rupces Eight Thousand Nine Hundred Seventy Two and Forty Paise Only)	Rs. 461001.91
9	Supplying, fitting, fixing of Vetrified Tiles in floors, treads, steps and landing slab on 25mm thick bed of cement mortar (1:1) joined with neat cement slurry mixed with pigments to match the shades of the tiles including, rubbing and polishing the surface with cost, conveyance, royalty of all materials etc. complete as per direction of the Engineer-in-charge.	85.95	Sqm	1153.28	(Rupees One Thousand One Hundred Fifty Three and Twenty Eight Paise Only)	Rs. 99124.42
10	Supplying, fitting, fixing of Granite Tiles in floors, treads, steps and landing slab on 25mm thick bed of cement mortar (1:1) joined with neat cement slurry mixed with pigments to match the shades of the tiles including, rubbing and polishing the surface with cost, conveyance, royalty of all materials etc. complete as per direction of the Engineer-in-charge.	2.56	Sqm	1682.94	(Rupees One Thousand Six Hundred Eighty Two and Ninety Four Paise Only)	Rs. 4308.33
11	Supplying, fitting and fixing Vetrified Tiles in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry etc. complete including cost of all materials, labour T&P etc required for the work all complete as per direction of the Engineer-in-Charge.	124.28	Sqm	1249.38	(Rupees One Thousand Two Hundred Forty Nine and Thirty Eight Paise Only)	Rs. 155272.95
12	12mm.thick cement plaster in C.M. (1:6) in finished smooth to surface of walls after racking out the joints including watering and curing with cost ,conveyance, royalties of all materials and cost of labour with T&P required for the work etc. complete as per direction of Engineer-In-Charge.	199.88	Sqm	140.79	(Rupees One Hundred Forty and Seventy Nine Paise Only)	Rs. 28141.11
13	16mm.thick cement plaster(1:6) finished smooth surface of walls after racking out the joints including watering and curing with cost ,conveyance, royalties of all materials and cost of labour with T&P required for the work etc. complete as per direction of Engineer-In-Charge.	440.91	Sqm	200.33	(Rupees Two Hundred and Thirty Three Paise Only)	Rs. 88327.50
14	20 mm thick cement grading plaster(1:4) over R.C.C roof slab finishing the exposed surface smooth, including watering, and curing with cost, conveyance, royalties and taxes of all materials, and cost of all labour and T & P required for the work etc. complete as per specification and direction of the E.I.C.	118.24	Sqm	222.59	(Rupees Two Hundred Twenty Two and Fifty Nine Paise Only)	Rs. 26319.04
15	Painting 2 coats with Plastic Emulsion paints over a coat of Priming with any approved (water bound) primer of approved shade by means of brush to inside surface of walls after cleaning the surface including cost of all materials and labour with T&P etc. complete in all respect as directed by Engineer - in - Charge.	415.39	Sqm	136.33	(Rupees One Hundred Thirty Six and Thirty Three Paise Only)	Rs. 56630.12
16	Providing & Finishing wall surface of wall with Acrylic wall putty (water based) of approved make and finished smooth and even surface to receive painting, including cost of all materials and labour with T&P etc. complete in all respect as directed by Engineer in - Charge.	415.39	Sqm	69.27	(Rupees Sixty Nine and Twenty Seven Paise Only)	Rs. 28774.07

17	Painting 2 coats with water proofing weather coat of approved shade over a coat of priming by means of brush to outside surface of walls complete in all floors with cost, carriage and all taxes of all materials and cost of all labour with T&P required for the work etc. complete in all respect as per direction of the Engineer – in – Charge.	208.94	Sqm	130.66	(Rupees One Hundred Thirty and Sixty Six Paise Only	Rs. 27300.10
18	Supplying fitting and fixing M.S Doors D/L as per approved drawing and design including making holes in walls and RCC structures and fixing the Doors with cement concrete (1:2:4) including cost conveyance of all materials required for the work as per direction of EIC. (Measurement on weightment may taken as per actual )					
A	M.S Door	649.25	Kg	70.90	(Rupees Seventy and Ninety Paise Only	Rs. 46031.83
B	M.S Window	486.00	Kg	65.40	(Rupees Sixty Five and Forty Paise Only	Rs. 31784.40
C	M.S Gate	102.50	Kg	62.90	(Rupees Sixty Two and Ninety Paise Only	Rs. 6447.25
19	Supplying ,fitting and fixing of stainless steel of 304 grade in hand railing using 50 mm dia of 2 mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90 mtr. C/C and stainless squire pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification buffing, polishing etc. with cost, conveyance, taxes of all materials, labour, T&P etc. complete as per direction of Engineer-in-charge.	12.20	Rmt	3443.77	(Rupees Three Thousand Four Hundred Forty Three and Seventy Seven Paise Only	Rs. 42013.99
20	Painting Two Coats with Enamel paint on Old/new wood work after cleaning the surface, sand papering etc. including cost and conveyance of all materials, cost of paint with all taxes and cost of all labour with T & P required for the work etc. complete in all respect as directed by Engineer – in – Charge.	72.80	Sqm	189.30	(Rupees One Hundred Eighty Nine and Thirty Paise Only	Rs. 13781.04
21	Providing 2.5cm thick A.S. flooring with cement concrete of proportion (1:2:4) using 12mm size black hard crusher broken granite chips laid in two layers laid over 4" thick dry rammed brick khoa in ground floor and after chipping and chiseling the top of floor slabs in upper floors laid to proper slope including rounding of corners watering and curing with cost, conveyance, royalties of all materials and cost of all labour with T & P required for the work etc. complete as per direction of the Engineer – in – Charge.	39.70	Sqm	304.89	(Rupees Three Hundred Four and Eighty Nine Paise Only	Rs. 12104.13
22	Supplying, fitting, fixing up window (sliding type) made up aluminum section 9778 as windows frame , section no. 4095,4096 and 9777,3994 as shutter frame with 5mm. thick black glass as panel fitted with rubber heading including locking arrangement including all fitting including cost of materials all taxes labour, T&P including cost of glass etc. complete as per direction of Engineer-in-charge.	1.81	Sqm	3677.90	(Rupees Three Thousand Six Hundred Seventy Seven and Ninety Paise Only	Rs. 6657.00
23	Supplying, providing, fitting & fixing RCC sky lights in position, fitted and fixed including cost of materials, labour charges, T & P, etc. complete as per direction of Engineer-in-charge.	10.00	No	150.00	(Rupees One Hundred Fifty )Only	Rs. 1500.00
24	Providing & fixing of R.C.C Ring and R.C.C. covers. In position. Including labour charges, cost of materials & conveyance, etc.					
A	Burialpit ,Sharppit Ring	16.00	No	600.00	(Rupees Six Hundred )Only	Rs. 9600.00
B	Exhausted Fan Ring	4.00	No	150.00	(Rupees One Hundred Fifty )Only	Rs. 600.00
25	Multi colour Branding as per norm & specification of IIWC with approved quality weather paint including cost of materials, labour charges, T & P, etc. complete as per direction of Engineer-in-charge.	235.00	Sft	41.00	(Rupees Forty One )Only	Rs. 9635.00

2.	Transparency board with Photography for public information, including cost of materials, labour charges, T & P, etc. complete as per direction of Engineer-in-charge.	1.00	Set	3000.00	(Rupees Three Thousand )Only	Rs. 3000.00
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Rs. 2025081.75

Rs. 2025082.00

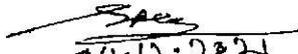
(Rupees Twenty Lakhs Twenty Five Thousand Eighty Two )Only

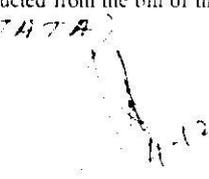
Total No. of pages ( Enclosed ) other than DTCN \_\_\_\_\_ pages.

Notes :- The Contractor should not write any thing except quoting of Percentage , Excess / Less / Equal to the Estimated amount up to two decimal points only .

CONDITIONS :- All materials, Labour, Machineries and Equipments required to complete the work in all respect be arranged by the tenderer at his own cost . The Employer will bear no responsibility in this aspect.

N.B :- GST, Income Tax, Royalties, Labour cess as applicable will be deducted from the bill of the contractor for all above works the minimum grade of cement shall be OPC, TMT High strength steel Fe - 500 like SAIL / TISCO (TATA)

  
04.12.2021  
A.E. NHM  
DHENKANAL

  
11-12-21  
APD(TECH)  
DRDA, DHENKANAL

  
PROJECT DIRECTOR  
DRDA, DHENKANAL

My / Our quoted rate is

\_\_\_\_\_ ( both in figures & words ) Excess over / Less than / Equal to the above tendered amount.

CONTRACTOR

## BILLS OF QUANTITY

NAME OF WORK:-

Construction of Day Care SubCenter-Cum -Health & Wellness Centre building at Patala for the year 2021-22

AMOUNT PUT TO TENDER:-

Rs. 2025244.00

SL. No	ITEM OF WORK	QUANTITY	UNIT	RATE	RATE IN WORDS	AMOUNT
1	Earth work in excavation of foundation trenches in hard soil mixed with gravels including dressing and leveling the bed up to the required depth and depositing the excavated materials with all leads and lifts T & P shoring & Shuttering if required etc. complete as directed by the Engineer – in – Charge.	78.67	Cum	188.79	(Rupees One Hundred Eighty Eight and Seventy Nine Paise Only	Rs. 14852.11
2	Supplying and filling in foundation and plinth with sand including well watering, ramming, including cost, conveyance, royalties and of all materials and cost of all labour with T&P required for the work etc. complete as per direction of Engineer-In-Charge.	61.81	Cum	482.33	(Rupees Four Hundred Eighty Two and Thirty Three Paise Only	Rs. 29812.82
3	Cement concrete (1:3:6) in foundation and plinth using 4 cm. size hard granite crusher broken metal of approved quarry and approved quality including hoisting lowering laying concrete in layers not exceeding 0.15 M. in depth including compacting watering and curing etc. complete including cost, conveyance, royalties & of all materials and cost of labour etc with T&P required for the work etc. complete as per specification & direction of Engineer-In-Charge.	22.51	Cum	4488.95	(Rupees Four Thousand Four Hundred Eighty Eight and Ninety Five Paise Only	Rs. 101046.26
4	Cement concrete (1:2:4) (1 cement:2 sand:4 chips) using 12 mm size crusher broken cbhg chips on wall & etc including cost, conveyance, royalty of all materials, labour and (T&P) required for the work complete as per direction of Engineer – in – Charge.	2.22	Cum	5892.57	(Rupees Five Thousand Eight Hundred Ninety Two and Fifty Seven Paise Only	Rs. 13081.51
5	Fly Ash Brick masonry in C.M.(1:6) using Fly Ash Bricks of size 25cm.x12cm.x 8 m. having crushing strength not less than 75 kgs./cm <sup>2</sup> after immersing the bricks for six hours in water before use in Foundation & Plinth including splays cutting, circular moulding corbelling, champhering and similar such type of works with watering and curing etc. including cost, conveyance, royalties and & testing of all materials and cost of all labour with T&P required for the work etc. complete as per specification & direction of Engineer-In-Charge.	25.79	Cum	4110.93	(Rupees Four Thousand One Hundred Ten and Ninety Three Paise Only	Rs. 106020.88
6	Fly Ash Brick masonry in C.M.(1:6) using Fly Ash Bricks of size 25cm.x12cm.x 8 m. having crushing strength not less than 75 kgs./cm <sup>2</sup> after immersing the bricks for six hours in water before use in Superstructure including splays cutting, circular moulding corbelling, champhering and similar such type of works with watering and curing etc. including cost, conveyance, royalties of all materials & labour with T&P required for the work etc. complete as per specification & direction of Engineer-In-Charge.	51.76	Cum	4144.26	(Rupees Four Thousand One Hundred Forty Four and Twenty Six Paise Only	Rs. 214506.90
7	RCC work M-20 having a minimum compressive strength 200kgs/cm <sup>2</sup> in 15cm cubes at 28 days after mixing and tests conducted in accordance with IS.456 and IS.516 using 12mm.to 20mm. size black hard crusher broken granite stone chips of approved quality and from approved quarry including hoisting lowering laying and compact concrete by using vibrator watering and curing for 28 days centering shuttering and finishing the exposed surface smooth providing grooves or beads where necessary including cost, conveyance, royalties & testing of all materials and cost of all labour with T&P required for the work etc. complete in all respect as per specification & direction of E.I.C.					
	a) Plinth Beam	5.49	Cum	5335.36	(Rupees Five Thousand Three Hundred Thirty Five and Thirty Six Paise Only	Rs. 29291.13
	b) Lintel	2.93	Cum	8621.73	(Rupees Eight Thousand Six Hundred Twenty One and Seventy Three Paise Only	Rs. 25261.67
	c) Column base & footing	8.98	Cum	4960.15	(Rupees Four Thousand Nine Hundred Sixty and Fifteen Paise Only	Rs. 44542.15

	d) Column beam & bed block	8.88	Cum	12230.84	(Rupees Twelve Thousand Two Hundred Thirty and Eighty Four Paise Only)	Rs. 108609.86
	e) R.C.C Chajja	23.58	Sqm	794.86	(Rupees Seven Hundred Ninety Four and Eighty Six Paise Only)	Rs. 18742.80
	f) Staircase	2.53	Cum	10262.09	(Rupees Ten Thousand Two Hundred Sixty Two and Nine Paise Only)	Rs. 25963.09
	g) R.C.C Roof Slab	14.95	Cum	9189.34	(Rupees Nine Thousand One Hundred Eighty Nine and Thirty Four Paise Only)	Rs. 137380.63
8	Cutting straightening HYSD Bars/High tensile tor steels, confirming to FE -500 grade bending binding welding and jointing if necessary and tying the grills and placing in position as required for RCC work and for providing fan hooks hoisting lowering and laying including cost, conveyance of HYSD bars/High tensile tor steels and binding wires of 18 to 20 gauge and labour required for the work for bending binding and tying the grills in all floors etc. complete as per direction of E.I.C.(Measurement will be taken excluding cost of binding wire and payment will be made on the weight of M.S or tor steel only).	51.38	Qntl	8954.94	(Rupees Eight Thousand Nine Hundred Fifty Four and Ninety Four Paise Only)	Rs. 460104.82
9	Supplying, fitting, fixing of Vetrified Tiles in floors, treads, steps and landing slab on 25mm thick bed of cement mortar (1:1) joined with neat cement slurry mixed with pigments to match the shades of the tiles including, rubbing and polishing the surface with cost, conveyance, royalty of all materials etc. complete as per direction of the Engineer-in-charge.	85.95	Sqm	1149.29	(Rupees One Thousand One Hundred Forty Nine and Twenty Nine Paise Only)	Rs. 98781.48
10	Supplying, fitting, fixing of Granite Tiles in floors, treads, steps and landing slab on 25mm thick bed of cement mortar (1:1) joined with neat cement slurry mixed with pigments to match the shades of the tiles including, rubbing and polishing the surface with cost, conveyance, royalty of all materials etc. complete as per direction of the Engineer-in-charge	2.56	Sqm	1678.94	(Rupees One Thousand Six Hundred Seventy Eight and Ninety Four Paise Only)	Rs. 4298.09
11	Supplying, fitting and fixing Vetrified Tiles in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry etc. complete including cost of all materials, labour T&P etc required for the work all complete as per direction of the Engineer-in-Charge.	124.28	Sqm	1244.86	(Rupees One Thousand Two Hundred Forty Four and Eighty Six Paise Only)	Rs. 154711.20
12	12mm thick cement plaster in C.M. (1:6) in finished smooth to surface of walls after racking out the joints including watering and curing with cost, conveyance, royalties of all materials and cost of labour with T&P required for the work etc. complete as per direction of Engineer-In-Charge.	199.88	Sqm	140.37	(Rupees One Hundred Forty and Thirty Seven Paise Only)	Rs. 28057.16
13	16mm thick cement plaster(1:6) finished smooth surface of walls after racking out the joints including watering and curing with cost, conveyance, royalties of all materials and cost of labour with T&P required for the work etc. complete as per direction of Engineer-In-Charge.	440.91	Sqm	199.83	(Rupees One Hundred Ninety Nine and Eighty Three Paise Only)	Rs. 88107.05
14	20 mm thick cement grading plaster(1:4) over R.C.C. roof slab finishing the exposed surface smooth, including watering, and curing with cost, conveyance, royalties and taxes of all materials, and cost of all labour and T & P required for the work etc. complete as per specification and direction of the E.I.C.	118.24	Sqm	222.09	(Rupees Two Hundred Twenty Two and Nine Paise Only)	Rs. 26259.92
15	Painting 2 coats with Plastic Emulsion paints over a coat of Priming with any approved (water bound) primer of approved shade by means of brush to inside surface of walls after cleaning the surface including cost of all materials and labour with T&P etc. complete in all respect as directed by Engineer – in – Charge.	415.39	Sqm	136.33	(Rupees One Hundred Thirty Six and Thirty Three Paise Only)	Rs. 56630.12
16	Providing & Finishing wall surface of wall with Acrylic wall putty (water based) of approved make and finished smooth and even surface to receive painting, including cost of all materials and labour with T&P etc. complete in all respect as directed by Engineer – in – Charge.	415.39	Sqm	69.27	(Rupees Sixty Nine and Twenty Seven Paise Only)	Rs. 28774.07

17	Painting 2 coats with water proofing weather coat of approved shade over a coat of priming by means of brush to outside surface of walls complete in all floors with cost, carriage and all taxes of all materials and cost of all labour with T&P required for the work etc. complete in all respect as per direction of the Engineer – in – Charge.	208.94	Sqm	130.66	(Rupees One Hundred Thirty and Sixty Six Paise Only	Rs. 27300.10
18	Supplying fitting and fixing M.S Doors D/L as per approved drawing and design including making holes in walls and RCC structures and fixing the Doors with cement concrete (1:2.4) including cost conveyance of all materials required for the work as per direction of E.I.C. (Measurement on weightment may taken as per actual )					
A	M.S Door	649.25	Kg	70.90	(Rupees Seventy and Ninety Paise Only	Rs. 46031.83
B	M.S Window	486.00	Kg	65.40	(Rupees Sixty Five and Forty Paise Only	Rs. 31784.40
C	M.S Gate	102.50	Kg	62.90	(Rupees Sixty Two and Ninety Paise Only	Rs. 6447.25
19	Supplying ,fitting and fixing of stainless steel of 304 grade in hand railing using 50 mm dia of 2 mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90 mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification buffing, polishing etc. with cost, conveyance, taxes of all materials, labour, T&P etc. complete as per direction of Engineer-in-charge.	12.20	Rmt	3443.77	(Rupees Three Thousand Four Hundred Forty Three and Seventy Seven Paise Only	Rs. 42013.99
20	Painting Two Coats with Enamel paint on Old/new wood work after cleaning the surface, sand papering etc. including cost and conveyance of all materials, cost of paint with all taxes and cost of all labour with T & P required for the work etc. complete in all respect as directed by Engineer – in – Charge.	72.80	Sqm	189.30	(Rupees One Hundred Eighty Nine and Thirty Paise Only	Rs. 13781.04
21	Providing 2.5cm thick A.S. flooring with cement concrete of proportion (1:2:4) using 12mm size black hard crusher broken granite chips laid in two layers laid over 4" thick dry rammed brick khoa in ground floor and after chipping and chiseling the top of floor slabs in upper floors laid to proper slope including rounding of corners watering and curing with cost, conveyance, royalties of all materials and cost of all labour with T & P required for the work etc. complete as per direction of the Engineer – in – Charge.	39.70	Sqm	303.72	(Rupees Three Hundred Three and Seventy Two Paise Only	Rs. 12057.68
22	Supplying, fitting, fixing up window (sliding type) made up aluminum section 9778 as windows frame . section no. 4095,4096 and 9777,3994 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour,T&P including cost of glass etc. complete as per direction of Engineer-in-charge.	1.81	Sqm	3677.90	(Rupees Three Thousand Six Hundred Seventy Seven and Ninety Paise Only	Rs. 6657.00
23	Supplying,providing,fitting & fixing RCC sky lights in position, fitted and fixed including cost of materials, labour charges, T & P, etc. complete as per direction of Engineer-in-charge.	10.00	No	150.00	(Rupees One Hundred Fifty )Only	Rs. 1500.00
24	Providing & fixing of R.C.C Ring and R.C.C. covers. In position Including labour charges, cost of materials & conveyance, etc.					
A	Burialpit ,Sharppit Ring	16.00	No	600.00	(Rupees Six Hundred )Only	Rs. 9600.00
B	Exhausted Fan Ring	4.00	No	150.00	(Rupees One Hundred Fifty )Only	Rs. 600.00
25	Multi colour Branding as per norm & specification of IWC with approved quality weather paint including cost of materials, labour charges, T & P, etc. complete as per direction of Engineer-in-charge.	235.00	Sft	41.00	(Rupees Forty One )Only	Rs. 9635.00

26	Transparency board with Photography for public information, including cost of materials, labour charges, T & P, etc. complete as per direction of Engineer-in-charge.	1.00	Set	3000.00	(Rupees Three Thousand )Only	Rs. 3000.00
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Rs. 2025243.98

Rs. 2025244.00

(Rupees Twenty Lakhs Twenty Five Thousand Two Hundred Forty Four )Only

Total No. of pages ( Enclosed ) other than DTCN \_\_\_\_\_ pages.

Notes :- The Contractor should not write any thing except quoting of Percentage , Excess / Less / Equal to the Estimated amount up to two decimal points only.

CONDITIONS :- All materials, Labour, Machineries and Equipments required to complete the work in all respect be arranged by the tenderer at his own cost .The Employer will bear no responsibility in this aspect.

N.B :- GST, Income Tax, Royalties, Labour cess as applicable will be deducted from the bill of the contractor for all above works the minimum grade of cement shall be OPC, TMT High strength steel Fe - 500 like SAIL / TISC

*A.E.NHM*  
04.12.2024  
A.E.NHM  
DHENKANAL

*11-12-2024*  
APD(TECH)  
DRDA, DHENKANAL

*11/12/24*  
PROJECT DIRECTOR  
DRDA, DHENKANAL

My / Our quoted rate is

\_\_\_\_\_ ( both in figures & words ) Excess over / Less than / Equal to the above tendered amount.

CONTRACTOR

# BILLS OF QUANTITY

NAME OF WORK:-

Construction of Day Care SubCenter-Cum -Health & Wellness Centre building at Naukiari for the year 2021-22.

AMOUNT PUT TO TENDER:-

Rs. 2025289.00

Sl. No	ITEM OF WORK	QUANTITY	UNIT	RATE	RATE IN WORDS	AMOUNT
1	Earth work in excavation of foundation trenches in hard soil mixed with gravels including dressing and leveling the bed up to the required depth and depositing the excavated materials with all leads and lifts T & P shoring & Shuttering if required etc. complete as directed by the Engineer – in – Charge.	78.18	Cum	188.79	(Rupees One Hundred Eighty Eight and Seventy Nine Paise Only)	Rs. 14759.60
2	Supplying and filling in foundation and plinth with sand including well watering, ramming, including cost, conveyance, royalties and of all materials and cost of all labour with T&P required for the work etc. complete as per direction of Engineer-In-Charge	61.48	Cum	508.99	(Rupees Five Hundred Eight and Ninety Nine Paise Only)	Rs. 31292.71
3	Cement concrete (1:3:6) in foundation and plinth using 4 cm. size hard granite crusher broken metal of approved quarry and approved quality including hoisting lowering laying concrete in layers not exceeding 0.15 M. in depth including compacting watering and curing etc. complete including cost, conveyance, royalties & of all materials and cost of labour etc with T&P required for the work etc. complete as per specification & direction of Engineer-In-Charge.	22.02	Cum	4514.03	(Rupees Four Thousand Five Hundred Fourteen and Three Paise Only)	Rs. 99398.94
4	Cement concrete (1:2:4) (1 cement:2 sand:4 chips) using 12 mm size crusher broken cbhg chips on wall & etc including cost, conveyance, royalty of all materials, labour and (T&P) required for the work complete as per direction of Engineer – in – Charge.	1.89	Cum	5909.77	(Rupees Five Thousand Nine Hundred Nine and Seventy Seven Paise Only)	Rs. 11169.47
5	Fly Ash Brick masonry in C.M.(1:6) using Fly Ash Bricks of size 25cm.x12cm x 8 m. having crushing strength not less than 75 kgs./cm <sup>2</sup> after immersing the bricks for six hours in water before use in Foundation & Plinth including splays cutting, circular moulding corbelling, champhering and similar such type of works with watering and curing etc. including cost, conveyance, royalties and & testing of all materials and cost of all labour with T&P required for the work etc. complete as per specification & direction of Engineer-In-Charge.	25.79	Cum	4114.48	(Rupees Four Thousand One Hundred Fourteen and Forty Eight Paise Only)	Rs. 106112.44
6	Fly Ash Brick masonry in C.M.(1:6) using Fly Ash Bricks of size 25cm.x12cm.x 8 m. having crushing strength not less than 75 kgs./cm <sup>2</sup> after immersing the bricks for six hours in water before use in Superstructure including splays cutting, circular moulding corbelling, champhering and similar such type of works with watering and curing etc. including cost, conveyance, royalties of all materials & labour with T&P required for the work etc. complete as per specification & direction of Engineer-In-Charge.	51.76	Cum	4147.81	(Rupees Four Thousand One Hundred Forty Seven and Eighty One Paise Only)	Rs. 214690.65
7	RCC work M-20 having a minimum compressive strength 200kgs/cm <sup>2</sup> in 15cm cubes at 28 days after mixing and tests conducted in accordance with IS.456 and IS.516 using 12mm to 20mm. size black hard crusher broken granite stone chips of approved quality and from approved quarry including hoisting lowering laying and compact concrete by using vibrator watering and curing for 28 days centering shuttering and finishing the exposed surface smooth providing grooves or beads where necessary including cost, conveyance, royalties & testing of all materials and cost of all labour with T&P required for the work etc. complete in all respect as per specification & direction of E.I.C.					
	a) Plinth Beam	5.49	Cum	5352.40	(Rupees Five Thousand Three Hundred Fifty Two and Forty Paise Only)	Rs. 29384.68
	b) Lintel	2.93	Cum	8646.98	(Rupees Eight Thousand Six Hundred Forty Six and Ninety Eight Paise Only)	Rs. 25335.65
	c) Column base & footing	8.98	Cum	4976.31	(Rupees Four Thousand Nine Hundred Seventy Six and Thirty One Paise Only)	Rs. 44687.26

	d) Column beam & bed block	8.88	Cum	12254.93	(Rupees Twelve Thousand Two Hundred Fifty Four and Ninety Three Paise Only)	Rs. 108823.78
	e) R.C.C Chajja	23.58	Sqm	796.95	(Rupees Seven Hundred Ninety Six and Ninety Five Paise Only)	Rs. 18792.08
	f) Staircase	2.53	Cum	10282.70	(Rupees Ten Thousand Two Hundred Eighty Two and Seventy Paise Only)	Rs. 26015.23
	g) R.C.C Roof Slab	14.95	Cum	9214.83	(Rupees Nine Thousand Two Hundred Fourteen and Eighty Three Paise Only)	Rs. 137761.71
8	Cutting straightening HYSD Bars/High tensile tor steels. confirming to FE -500 grade bending binding welding and jointing if necessary and tying the grills and placing in position as required for RCC work and for providing fan hooks hoisting lowering and laying including cost. conveyance of HYSD bars/High tensile tor steels and binding wires of 18 to 20 gauge and labour required for the work for bending binding and tying the grills in all floors etc. complete as per direction of E.I.C(Measurement will be taken excluding cost of binding wire)and payment will be made on the weight of M.S or tor steel only).	51.38	Qntl	8963.67	(Rupees Eight Thousand Nine Hundred Sixty Three and Sixty Seven Paise Only)	Rs. 460553.36
9	Supplying, fitting, fixing of Vetrified Tiles in floors, treads, steps and landing slab on 25mm thick bed of cement mortar (1:1) joined with neat cement slurry mixed with pigments to match the shades of the tiles including, rubbing and polishing the surface with cost, conveyance, royalty of all materials etc. complete as per direction of the Engineer-in-charge.	85.95	Sqm	1150.26	(Rupees One Thousand One Hundred Fifty and Twenty Six Paise Only)	Rs. 98864.85
10	Supplying, fitting, fixing of Granite Tiles in floors, treads, steps and landing slab on 25mm thick bed of cement mortar (1:1) joined with neat cement slurry mixed with pigments to match the shades of the tiles including, rubbing and polishing the surface with cost, conveyance, royalty of all materials etc. complete as per direction of the Engineer-in-charge.	2.56	Sqm	1679.92	(Rupees One Thousand Six Hundred Seventy Nine and Ninety Two Paise Only)	Rs 4300.60
11	Supplying, fitting and fixing Vetrified Tiles in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry etc. complete including cost of all materials, labour T&P etc required for the work all complete as per direction of the Engineer-in-Charge.	124.28	Sqm	1246.68	(Rupees One Thousand Two Hundred Forty Six and Sixty Eight Paise Only)	Rs. 154937.39
12	12mm.thick cement plaster in C.M. (1:6) in finished smooth to surface of walls after racking out the joints including watering and curing with cost, conveyance, royalties of all materials and cost of labour with T&P required for the work etc. complete as per direction of Engineer-In-Charge.	199.88	Sqm	140.56	(Rupees One Hundred Forty and Fifty Six Paise Only)	Rs. 28095.13
13	16mm.thick cement plaster(1:6) finished smooth surface of walls after racking out the joints including watering and curing with cost, conveyance, royalties of all materials and cost of labour with T&P required for the work etc complete as per direction of Engineer-In-Charge.	440.91	Sqm	200.06	(Rupees Two Hundred and Six Paise Only)	Rs. 88208.45
14	20 mm thick cement grading plaster(1:4) over R.C.C. roof slab finishing the exposed surface smooth, including watering, and curing with cost, conveyance, royalties and taxes of all materials, and cost of all labour and T & P required for the work etc. complete as per specification and direction of the E.I.C.	118.24	Sqm	222.22	(Rupees Two Hundred Twenty Two and Twenty Two Paise Only)	Rs. 26275.29
15	Painting 2 coats with Plastic Emulsion paints over a coat of Priming with any approved (water bound) primer of approved shade by means of brush to inside surface of walls after cleaning the surface including cost of all materials and labour with T&P etc. complete in all respect as directed by Engineer - in - Charge.	415.39	Sqm	136.33	(Rupees One Hundred Thirty Six and Thirty Three Paise Only)	Rs. 56630.12
16	Providing & Finishing wall surface of wall with Acrylic wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of all materials and labour with T&P etc. complete in all respect as directed by Engineer - in - Charge.	415.39	Sqm	69.27	(Rupees Sixty Nine and Twenty Seven Paise Only)	Rs. 28774.07

17	Painting 2 coats with water proofing weather coat of approved shade over a coat of priming by means of brush to outside surface of walls complete in all floors with cost, carriage and all taxes of all materials and cost of all labour with T&P required for the work etc. complete in all respect as per direction of the Engineer – in – Charge.	208.94	Sqm	130.66	(Rupees One Hundred Thirty and Sixty Six Paise Only)	Rs. 27300.10
18	Supplying fitting and fixing M.S Doors D/A. as per approved drawing and design including making holes in walls and RCC structures and fixing the Doors with cement concrete (1:2:4) including cost conveyance of all materials required for the work as per direction of EIC. (Measurement on weightment may taken as per actual )					
A	M.S Door	649.25	Kg	70.90	(Rupees Seventy and Ninety Paise Only)	Rs. 46031.83
B	M.S Window	486.00	Kg	65.40	(Rupees Sixty Five and Forty Paise Only)	Rs. 31784.40
C	M.S Gate	102.50	Kg	62.90	(Rupees Sixty Two and Ninety Paise Only)	Rs. 6447.25
19	Supplying ,fitting and fixing of stainless steel of 304 grade in hand railing using 50 mm dia of 2 mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90 mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification buffing, polishing etc. with cost, conveyance, taxes of all materials, labour, T&P etc. complete as per direction of Engineer-in-charge.	12.20	Rmt	3443.77	(Rupees Three Thousand Four Hundred Forty Three and Seventy Seven Paise Only)	Rs. 42013.99
20	Painting Two Coats with Enamel paint on Old/new wood work after cleaning the surface, sand papering etc. including cost and conveyance of all materials, cost of paint with all taxes and cost of all labour with T & P required for the work etc. complete in all respect as directed by Engineer - in - Charge.	72.80	Sqm	189.30	(Rupees One Hundred Eighty Nine and Thirty Paise Only)	Rs. 13781.04
21	Providing 2.5cm thick A.S. flooring with cement concrete of proportion (1:2:4) using 12mm size black hard crusher broken granite chips laid in two layers laid over 4" thick dry rammed brick khoa in ground floor and after chipping and chiseling the top of floor slabs in upper floors laid to proper slope including rounding of corners watering and curing with cost, conveyance, royalties of all materials and cost of all labour with T & P required for the work etc. complete as per direction of the Engineer – in – Charge.	39.70	Sqm	304.16	(Rupees Three Hundred Four and Sixteen Paise Only)	Rs. 12075.15
22	Supplying, fitting, fixing up window (sliding type) made up aluminum section 9778 as windows frame, section no. 4095,4096 and 9777,3994 as shutter frame with 5mm. thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour, T&P including cost of glass etc. complete as per direction of Engineer-in-charge.	1.81	Sqm	3677.90	(Rupees Three Thousand Six Hundred Seventy Seven and Ninety Paise Only)	Rs. 6657.00
23	Supplying, providing, fitting & fixing RCC sky lights in position, fitted and fixed including cost of materials, labour charges, T & P, etc. complete as per direction of Engineer-in-charge.	10.00	No	150.00	(Rupees One Hundred Fifty )Only	Rs. 1500.00
24	Providing & fixing of R.C.C Ring and R.C.C. covers. In position including labour charges, cost of materials & conveyance, etc.					
A	Burialpit ,Sharppit Ring	16.00	No	600.00	(Rupees Six Hundred )Only	Rs. 9600.00
B	Exhausted Fan Ring	4.00	No	150.00	(Rupees One Hundred Fifty )Only	Rs. 600.00
25	Multi colour Branding as per norm & specification of HWC with approved quality weather paint including cost of materials, labour charges, T & P, etc. complete as per direction of Engineer-in-charge.	235.00	Sft	41.00	(Rupees Forty One )Only	Rs. 9635.00

26	Transparency board with Photography for public information, including cost of materials, labour charges, T & P, etc. complete as per direction of Engineer-in-charge.	1.00	Set	3000.00	(Rupees Three Thousand )Only	Rs. 3000.00
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Rs. 2025289.21

Rs. 2025289.00

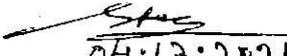
(Rupees Twenty Lakhs Twenty Five Thousand Two Hundred Eighty Nine )Only

Total No. of pages ( Enclosed ) other than DTCN \_\_\_\_\_ pages.

Notes :- The Contractor should not write any thing except quoting of Percentage . Excess / Less / Equal to the Estimated amount up to two decimal points only.

CONDITIONS :- All materials, Labour, Machineries and Equipments required to complete the work in all respect be arranged by the tenderer at his own cost . The Employer will bear no responsibility in this aspect.

N.B :- GST, Income Tax, Royalties, Labour cess as applicable will be deducted from the bill of the contractor for all above works the minimum grade of cement shall be OPC, TMT High strength steel Fe - 500 like SAIL / TISC

  
04.12.2021  
A.E. NHM  
DHENKANAL

  
11-12-21  
APDITECT  
DRDA, DHENKANAL

  
PROJECT DIRECTOR  
DRDA, DHENKANAL

My / Our quoted rate is

( both in figures & words ) Excess over / Less than / Equal to the above tendered amount

CONTRACTOR

## BILLS OF QUANTITY

NAME OF WORK:-

Construction of Day Care SubCenter-Cum -Health & Wellness Centre building at Khaliberena for the year 2021-22.

AMOUNT PUT TO TENDER:-

Rs. 2025213.00

Sl. No	ITEM OF WORK	QUANTITY	UNIT	RATE	RATE IN WORDS	AMOUNT
1	Earth work in excavation of foundation trenches in hard soil mixed with gravels including dressing and leveling the bed up to the required depth and depositing the excavated materials with all leads and lifts T & P shoring & Shuttering if required etc. complete as directed by the Engineer – in – Charge.	80.00	Cum	188.79	(Rupees One Hundred Eighty Eight and Seventy Nine Paise Only	Rs. 15103.20
2	Supplying and filling in foundation and plinth with sand including well watering, ramming, including cost, conveyance, royalties and of all materials and cost of all labour with T&P required for the work etc. complete as per direction of Engineer-In-Charge.	62.20	Cum	446.78	(Rupees Four Hundred Forty Six and Seventy Eight Paise Only	Rs. 27789.72
3	Cement concrete (1:3:6) in foundation and plinth using 4 cm. size hard granite crusher broken metal of approved quarry and approved quality including hoisting lowering laying concrete in layers not exceeding 0.15 M. in depth including compacting watering and curing etc. complete including cost ,conveyance, royalties & of all materials and cost of labour etc with T&P required for the work etc. complete as per specification & direction of Engineer-In-Charge.	22.37	Cum	4511.73	(Rupees Four Thousand Five Hundred Eleven and Seventy Three Paise Only	Rs. 100927.40
4	Cement concrete (1:2:4) (1 cement:2 sand:4 chips) using 12 mm size crusher broken cbhg chips on wall & etc including cost , conveyance, royalty of all materials, labour and (T&P) required for the work complete as per direction of Engineer – in – Charge.	2.61	Cum	5916.62	(Rupees Five Thousand Nine Hundred Sixteen and Sixty Two Paise Only	Rs. 15442.38
5	Fly Ash Brick masonry in C.M.(1:6) using Fly Ash Bricks of size 25cm.x12cm.x 8 m. having crushing strength not less than 75 kgs./cm <sup>2</sup> after immersing the bricks for six hours in water before use in Foundation & Plinth including splays cutting, circular moulding corbelling, champhering and similar such type of works with watering and curing etc. including cost, conveyance, royalties and & testing of all materials and cost of all labour with T&P required for the work etc. complete as per specification & direction of Engineer-In-Charge.	25.79	Cum	4102.65	(Rupees Four Thousand One Hundred Two and Sixty Five Paise Only	Rs. 105807.34
6	Fly Ash Brick masonry in C.M.(1:6) using Fly Ash Bricks of size 25cm.x12cm.x 8 m. having crushing strength not less than 75 kgs./cm <sup>2</sup> after immersing the bricks for six hours in water before use in Superstructure including splays cutting, circular moulding corbelling, champhering and similar such type of works with watering and curing etc. including cost, conveyance, royalties of all materials & labour with T&P required for the work etc. complete as per specification & direction of Engineer-In-Charge.	51.76	Cum	4135.98	(Rupees Four Thousand One Hundred Thirty Five and Ninety Eight Paise Only	Rs. 214078.32
7	RCC work M-20 having a minimum compressive strength 200kgs/cm <sup>2</sup> in 15cm.cubes at 28 days after mixing and tests conducted in accordance with IS.456 and IS.516 using 12mm.to 20mm. size black hard crusher broken granite stone chips of approved quality and from approved quarry including hoisting lowering laying and compact concrete by using vibrator watering and curing for 28 days centering shuttering and finishing the exposed surface smooth providing grooves or beads where necessary including cost, conveyance ,royalties & testing of all materials and cost of all labour with T&P required for the work etc. complete in all respect as per specification & direction of E.I.C.					
	a) Plinth Beam	5.49	Cum	5359.39	(Rupees Five Thousand Three Hundred Fifty Nine and Thirty Nine Paise Only	Rs. 29423.05
	b) Lintel	2.93	Cum	8641.67	(Rupees Eight Thousand Six Hundred Forty One and Sixty Seven Paise Only	Rs. 25320.09
	c) Column base & footing	8.98	Cum	4984.62	(Rupees Four Thousand Nine Hundred Eighty Four and Sixty Two Paise Only	Rs. 44761.89

	d) Column beam & bed block	8.88	Cum	12251.40	(Rupees Twelve Thousand Two Hundred Fifty One and Forty Paise Only	Rs. 108792.43
	e) R.C.C Chajja	23.58	Sqm	795.93	(Rupees Seven Hundred Ninety Five and Ninety Three Paise Only	Rs. 18768.03
	f) Staircase	2.53	Cum	10284.34	(Rupees Ten Thousand Two Hundred Eighty Four and Thirty Four Paise Only	Rs. 26019.38
	g) R.C.C Roof Slab	14.95	Cum	9209.10	(Rupees Nine Thousand Two Hundred Nine and Ten Paise Only	Rs. 137676.05
8	Cutting straightening HYSD Bars/High tensile tor steels, confirming to FE -500 grade bending binding welding and jointing if necessary and tying the grills and placing in position as required for RCC work and for providing fan hooks hoisting lowering and laying including cost, conveyance of HYSD bars/High tensile tor steels and binding wires of 18 to 20 gauge and labour required for the work for bending binding and tying the grills in all floors etc. complete as per direction of E.I.C.(Measurement will be taken excluding cost of binding wire)and payment will be made on the weight of M.S or tor steel only).	51.38	Qntl	8950.58	(Rupees Eight Thousand Nine Hundred Fifty and Fifty Eight Paise Only	Rs. 459880.80
9	Supplying, fitting, fixing of Vetrified Tiles in floors, treads, steps and landing slab on 25mm thick bed of cement mortar (1:1) joined with neat cement slurry mixed with pigments to match the shades of the tiles including, rubbing and polishing the surface with cost, conveyance, royalty of all materials etc. complete as per direction of the Engineer-in-charge.	85.95	Sqm	1148.39	(Rupees One Thousand One Hundred Forty Eight and Thirty Nine Paise Only	Rs. 98704.12
10	Supplying, fitting, fixing of Granite Tiles in floors, treads, steps and landing slab on 25mm thick bed of cement mortar (1:1) joined with neat cement slurry mixed with pigments to match the shades of the tiles including, rubbing and polishing the surface with cost, conveyance, royalty of all materials etc. complete as per direction of the Engineer-in-charge.	2.56	Sqm	1678.05	(Rupees One Thousand Six Hundred Seventy Eight and Five Paise Only	Rs 4295.81
11	Supplying, fitting and fixing Vetrified Tiles in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry etc. complete including cost of all materials, labour T&P etc required for the work all complete as per direction of the Engineer-in-Charge.	124.28	Sqm	1243.56	(Rupees One Thousand Two Hundred Forty Three and Fifty Six Paise Only	Rs 154549.64
12	12mm thick cement plaster in C.M. (1:6) in finished smooth to surface of walls after racking out the joints including watering and curing with cost, conveyance, royalties of all materials and cost of labour with T&P required for the work etc. complete as per direction of Engineer-In-Charge.	199.88	Sqm	139.93	(Rupees One Hundred Thirty Nine and Ninety Three Paise Only	Rs. 27969.21
13	16mm thick cement plaster(1:6) finished smooth surface of walls after racking out the joints including watering and curing with cost, conveyance, royalties of all materials and cost of labour with T&P required for the work etc. complete as per direction of Engineer-In-Charge.	440.91	Sqm	199.30	(Rupees One Hundred Ninety Nine and Thirty Paise Only	Rs 87873.36
14	20 mm thick cement grading plaster(1:4) over R.C.C. roof slab finishing the exposed surface smooth, including watering, and curing with cost, conveyance, royalties and taxes of all materials, and cost of all labour and T & P required for the work etc. complete as per specification and direction of the E.I.C.	118.24	Sqm	221.53	(Rupees Two Hundred Twenty One and Fifty Three Paise Only	Rs. 26193.71
15	Painting 2 coats with Plastic Emulsion paints over a coat of Priming with any approved (water bound) primer of approved shade by means of brush to inside surface of walls after cleaning the surface including cost of all materials and labour with T&P etc. complete in all respect as directed by Engineer - in - Charge.	415.39	Sqm	136.33	(Rupees One Hundred Thirty Six and Thirty Three Paise Only	Rs. 56630.12
16	Providing & Finishing wall surface of wall with Acrylic wall putty (water based) of approved make and finished smooth and even surface to receive painting, including cost of all materials and labour with T&P etc complete in all respect as directed by Engineer - in - Charge.	415.39	Sqm	69.27	(Rupees Sixty Nine and Twenty Seven Paise Only	Rs. 28774.07

17	Painting 2 coats with water proofing weather coat of approved shade over a coat of priming by means of brush to outside surface of walls complete in all floors with cost, carriage and all taxes of all materials and cost of all labour with T&P required for the work etc. complete in all respect as per direction of the Engineer – in - Charge.	208.94	Sqm	130.66	(Rupees One Hundred Thirty and Sixty Six Paise Only	Rs. 27300.10
18	Supplying fitting and fixing M.S Doors D/L as per approved drawing and design including making holes in walls and RCC structures and fixing the Doors with cement concrete (1:2:4) including cost conveyance of all materials required for the work as per direction of EIC. (Measurement on weightment may taken as per actual )					
A	M.S Door	649.25	Kg	70.90	(Rupees Seventy and Ninety Paise Only	Rs. 46031.83
B	M.S Window	486.00	Kg	65.40	(Rupees Sixty Five and Forty Paise Only	Rs. 31784.40
C	M.S Gate	102.50	Kg	62.90	(Rupees Sixty Two and Ninety Paise Only	Rs. 6447.25
19	Supplying fitting and fixing of stainless steel of 304 grade in hand railing using 50 mm dia of 2 mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90 mtr. C/C and stainless squire pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification buffing, polishing etc. with cost, conveyance, taxes of all materials, labour, T&P etc. complete as per direction of Engineer-in-charge.	12.20	Rmt	3443.77	(Rupees Three Thousand Four Hundred Forty Three and Seventy Seven Paise Only	Rs. 42013.99
20	Painting Two Coats with Enamel paint on Old/new wood work after cleaning the surface, sand papering etc. including cost and conveyance of all materials, cost of paint with all taxes and cost of all labour with T & P required for the work etc. complete in all respect as directed by Engineer – in – Charge.	72.80	Sqm	189.30	(Rupees One Hundred Eighty Nine and Thirty Paise Only	Rs. 13781.04
21	Providing 2.5cm thick A.S. flooring with cement concrete of proportion (1:2:4) using 12mm size black hard crusher broken granite chips laid in two layers laid over 4" thick dry rammed brick khoa in ground floor and after chipping and chiseling the top of floor slabs in upper floors laid to proper slope including rounding of corners watering and curing with cost, conveyance, royalties of all materials and cost of all labour with T & P required for the work etc. complete as per direction of the Engineer – in – Charge.	39.70	Sqm	304.33	(Rupees Three Hundred Four and Thirty Three Paise Only	Rs. 12081.90
22	Supplying, fitting, fixing up window (sliding type) made up aluminum section 9778 as windows frame . section no. 4095,4096 and 9777,3994 as shutter frame with 5mm. thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour,T&P including cost of glass etc. complete as per direction of Engineer-in-charge.	1.81	Sqm	3677.90	(Rupees Three Thousand Six Hundred Seventy Seven and Ninety Paise Only	Rs. 6657.00
23	Supplying, providing, fitting & fixing RCC sky lights in position, fitted and fixed including cost of materials, labour charges, T & P, etc. complete as per direction of Engineer-in-charge	10.00	No	150.00	(Rupees One Hundred Fifty )Only	Rs. 1500.00
24	Providing & fixing of R.C.C Ring and R.C.C. covers. In position Including labour charges, cost of materials & conveyance, etc.					
A	Burialpit ,Sharppit Ring	16.00	No	600.00	(Rupees Six Hundred )Only	Rs. 9600.00
B	Exhausted Fan Ring	4.00	No	150.00	(Rupees One Hundred Fifty )Only	Rs. 600.00
25	Multi colour Branding as per norm & specification of HWC with approved quality weather paint including cost of materials, labour charges, T & P, etc. complete as per direction of Engineer-in-charge.	235.00	Sft	41.00	(Rupees Forty One )Only	Rs. 9635.00

26	Transparency board with Photography for public information. including cost of materials, labour charges, T & P, etc. complete as per direction of Engineer-in-charge.	1.00	Set	3000.00	(Rupees Three Thousand )Only	Rs. 3000.00
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Rs. 2025212.62

Rs. 2025213.00

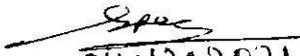
(Rupees Twenty Lakhs Twenty Five Thousand Two Hundred Thirteen )Only

Total No. of pages ( Enclosed ) other than DTCN \_\_\_\_\_ pages.

Notes :- The Contractor should not write any thing except quoting of Percentage , Excess / Less / Equal to the Estimated amount up to two decimal points only.

CONDITIONS :- All materials, Labour, Machinaries and Equipments required to complete the work in all respect be arranged by the tenderer at his own cost . The Employer will bear no responsibility in this aspect.

N.B :- GST, Income Tax, Royalties, Labour cess as applicable will be deducted from the bill of the contractor for all above works the minimum grade of cement shall be OPC, TMT High strength steel Fe - 500 like SAIL / TISCO (TATA)

  
04-12-2021  
A.E. NHM  
DHENKANAL

  
11-12-21  
APD(TECH)  
DRDA, DHENKANAL

  
PROJECT DIRECTOR  
DRDA, DHENKANAL

My / Our quoted rate is

\_\_\_\_\_ ( both in figures & words ) Excess over / Less than / Equal to the above tendered amount.

CONTRACTOR

# BILLS OF QUANTITY

NAME OF WORK:-

Construction of Day Care SubCenter-Cum -Health & Wellness Centre building at Patrabhaga for the year 2021-22

AMOUNT PUT TO TENDER:-

Rs. 2025291.00

Sl. No	ITEM OF WORK	QUANTITY	UNIT	RATE	RATE IN WORDS	AMOUNT
1	Earth work in excavation of foundation trenches in hard soil mixed with gravels including dressing and leveling the bed up to the required depth and depositing the excavated materials with all leads and lifts T & P shoring & Shuttering if required etc complete as directed by the Engineer - in - Charge.	79.77	Cum	188.79	(Rupees One Hundred Eighty Eight and Seventy Nine Paise Only	Rs. 15059.78
2	Supplying and filling in foundation and plinth with sand including well watering, ramming, including cost, conveyance, royalties and of all materials and cost of all labour with T&P required for the work etc. complete as per direction of Engineer-In-Charge.	62.09	Cum	411.23	(Rupees Four Hundred Eleven and Twenty Three Paise Only	Rs. 25533.27
3	Cement concrete (1:3:6) in foundation and plinth using 4 cm. size hard granite crusher broken metal of approved quarry and approved quality including hoisting lowering laying concrete in layers not exceeding 0.15 M. in depth including compacting watering and curing etc. complete including cost, conveyance, royalties & of all materials and cost of labour etc with T&P required for the work etc. complete as per specification & direction of Engineer-In-Charge.	22.26	Cum	4613.13	(Rupees Four Thousand Six Hundred Thirteen and Thirteen Paise Only	Rs. 102688.27
4	Cement concrete (1:2:4) (1 cement:2 sand:4 chips) using 12 mm size crusher broken chng chips on wall & etc including cost, conveyance, royalty of all materials, labour and (T&P) required for the work complete as per direction of Engineer - in - Charge.	2.50	Cum	6007.19	(Rupees Six Thousand Seven and Nineteen Paise Only	Rs. 15017.98
5	Fly Ash Brick masonry in C.M.(1:6) using Fly Ash Bricks of size 25cm.x12cm.x 8 cm. having crushing strength not less than 75 kgs./cm <sup>2</sup> after immersing the bricks for six hours in water before use in Foundation & Plinth including splays cutting, circular moulding, corbelling, champhering and similar such type of works with watering and curing etc. including cost, conveyance, royalties and & testing of all materials and cost of all labour with T&P required for the work etc. complete as per specification & direction of Engineer-In-Charge.	25.79	Cum	4089.90	(Rupees Four Thousand Eighty Nine and Ninety Paise Only	Rs. 105478.52
6	Fly Ash Brick masonry in C.M.(1:6) using Fly Ash Bricks of size 25cm.x12cm.x 8 cm. having crushing strength not less than 75 kgs./cm <sup>2</sup> after immersing the bricks for six hours in water before use in Superstructure including splays cutting, circular moulding, corbelling, champhering and similar such type of works with watering and curing etc. including cost, conveyance, royalties of all materials & labour with T&P required for the work etc. complete as per specification & direction of Engineer-In-Charge.	51.76	Cum	4123.23	(Rupees Four Thousand One Hundred Twenty Three and Twenty Three Paise Only	Rs. 213418.38
7	RCC work M-20 having a minimum compressive strength 200kgs/cm <sup>2</sup> in 15cm.cubes at 28 days after mixing and tests conducted in accordance with IS.456 and IS.516 using 12mm.to 20mm. size black hard crusher broken granite stone chips of approved quality and from approved quarry including hoisting lowering laying and compact concrete by using vibrator watering and curing for 28 days centering shuttering and finishing the exposed surface smooth providing grooves or beads where necessary including cost, conveyance, royalties & testing of all materials and cost of all labour with T&P required for the work etc. complete in all respect as per specification & direction of E.I.C.					
	a) Plinth Beam	5.49	Cum	5447.69	(Rupees Five Thousand Four Hundred Forty Seven and Sixty Nine Paise Only	Rs. 29907.82
	b) Lintel	2.93	Cum	8721.76	(Rupees Eight Thousand Seven Hundred Twenty One and Seventy Six Paise Only	Rs. 25554.76
	c) Column base & footing	8.98	Cum	5073.80	(Rupees Five Thousand Seventy Three and Eighty Paise Only	Rs. 45562.72

	d) Column beam & bed block	8.88	Cum	12332.66	(Rupees Twelve Thousand Three Hundred Thirty Two and Sixty Six Paise Only)	Rs. 109514.02
	e) R.C.C Chajja	23.58	Sqm	800.68	(Rupees Eight Hundred and Sixty Eight Paise Only)	Rs. 18880.03
	f) Staircase	2.53	Cum	10369.08	(Rupees Ten Thousand Three Hundred Sixty Nine and Eight Paise Only)	Rs. 26233.77
	g) R.C.C Roof Slab	14.95	Cum	9288.96	(Rupees Nine Thousand Two Hundred Eighty Eight and Ninety Six Paise Only)	Rs. 138869.95
8	Cutting straightening HYSD Bars/High tensile tor steels, confirming to FE -500 grade bending binding welding and jointing if necessary and tying the grills and placing in position as required for RCC work and for providing fan hooks hoisting lowering and laying including cost, conveyance of HYSD bars/High tensile tor steels and binding wires of 18 to 20 gauge and labour required for the work for bending binding and tying the grills in all floors etc. complete as per direction of E.I.C.(Measurement will be taken excluding cost of binding wire)and payment will be made on the weight of M.S or tor steel only).	51.38	Qntl	8941.85	(Rupees Eight Thousand Nine Hundred Forty One and Eighty Five Paise Only)	Rs. 459432.25
9	Supplying, fitting, fixing of Vetrified Tiles in floors, treads, steps and landing slab on 25mm thick bed of cement mortar (1:1) jointed with neat cement slurry mixed with pigments to match the shades of the tiles including, rubbing and polishing the surface with cost, conveyance, royalty of all materials etc. complete as per direction of the Engineer-in-charge.	85.95	Sqm	1144.57	(Rupees One Thousand One Hundred Forty Four and Fifty Seven Paise Only)	Rs. 98375.79
10	Supplying, fitting, fixing of Granite Tiles in floors, treads, steps and landing slab on 25mm thick bed of cement mortar (1:1) jointed with neat cement slurry mixed with pigments to match the shades of the tiles including, rubbing and polishing the surface with cost, conveyance, royalty of all materials etc. complete as per direction of the Engineer-in-charge.	2.56	Sqm	1674.23	(Rupees One Thousand Six Hundred Seventy Four and Twenty Three Paise Only)	Rs. 4286.03
11	Supplying, fitting and fixing Vetrified Tiles in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry etc. complete including cost of all materials, labour T&P etc required for the work all complete as per direction of the Engineer-in-Charge.	124.28	Sqm	1240.23	(Rupees One Thousand Two Hundred Forty and Twenty Three Paise Only)	Rs. 154135.78
12	12mm.thick cement plaster in C.M (1:6) in finished smooth to surface of walls after racking out the joints including watering and curing with cost, conveyance, royalties of all materials and cost of labour with T&P required for the work etc. complete as per direction of Engineer-In-Charge.	199.88	Sqm	139.25	(Rupees One Hundred Thirty Nine and Twenty Five Paise Only)	Rs. 27833.29
13	16mm.thick cement plaster(1:6) finished smooth surface of walls after racking out the joints including watering and curing with cost, conveyance, royalties of all materials and cost of labour with T&P required for the work etc. complete as per direction of Engineer-In-Charge.	440.91	Sqm	198.48	(Rupees One Hundred Ninety Eight and Forty Eight Paise Only)	Rs. 87511.82
14	20 mm thick cement grading plaster(1:4) over R.C.C. roof slab finishing the exposed surface smooth, including watering, and curing with cost, conveyance, royalties and taxes of all materials, and cost of all labour and T & P required for the work etc. complete as per specification and direction of the E.I.C.	118.24	Sqm	220.48	(Rupees Two Hundred Twenty and Forty Eight Paise Only)	Rs. 26069.56
15	Painting 2 coats with Plastic Emulsion paints over a coat of Priming with any approved (water bound) primer of approved shade by means of brush to inside surface of walls after cleaning the surface including cost of all materials and labour with T&P etc. complete in all respect as directed by Engineer - in - Charge.	415.39	Sqm	136.33	(Rupees One Hundred Thirty Six and Thirty Three Paise Only)	Rs. 56630.12
16	Providing & Finishing wall surface of wall with Acrylic wall putty (water based) of approved make and finished smooth and even surface to receive painting, including cost of all materials and labour with T&P etc. complete in all respect as directed by Engineer - in - Charge.	415.39	Sqm	69.27	(Rupees Sixty Nine and Twenty Seven Paise Only)	Rs. 28774.07

17	Painting 2 coats with water proofing weather coat of approved shade over a coat of priming by means of brush to outside surface of walls complete in all floors with cost, carriage and all taxes of all materials and cost of all labour with T&P required for the work etc. complete in all respect as per direction of the Engineer in - Charge.	208.94	Sqm	130.66	(Rupees One Hundred Thirty and Sixty Six Paise Only	Rs. 27300.10
18	Supplying fitting and fixing M.S Doors D/L as per approved drawing and design including making holes in walls and RCC structures and fixing the Doors with cement concrete (1:2:4) including cost conveyance of all materials required for the work as per direction of EIC. (Measurement on weightment may taken as per actual )					
A	M.S Door	649.25	Kg	70.90	(Rupees Seventy and Ninety Paise Only	Rs. 46031.83
B	M.S Window	486.00	Kg	65.40	(Rupees Sixty Five and Forty Paise Only	Rs. 31784.40
C	M.S Gate	102.50	Kg	62.90	(Rupees Sixty Two and Ninety Paise Only	Rs. 6447.25
19	Supplying ,fitting and fixing of stainless steel of 304 grade in hand railing using 50 mm dia of 2 mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90 mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification buffing, polishing etc. with cost, conveyance, taxes of all materials, labour, T&P etc. complete as per direction of Engineer-in-charge.	12.20	Rmt	3443.77	(Rupees Three Thousand Four Hundred Forty Three and Seventy Seven Paise Only	Rs. 42013.99
20	Painting Two Coats with Enamel paint on Old/new wood work after cleaning the surface, sand papering etc. including cost and conveyance of all materials, cost of paint with all taxes and cost of all labour with T & P required for the work etc. complete in all respect as directed by Engineer - in - Charge.	72.80	Sqm	189.30	(Rupees One Hundred Eighty Nine and Thirty Paise Only	Rs. 13781.04
21	Providing 2.5cm thick A.S. flooring with cement concrete of proportion (1:2:4) using 12mm size black hard crusher broken granite chips laid in two layers laid over 4" thick dry rammed brick khoa in ground floor and after chipping and chiseling the top of floor slabs in upper floors laid to proper slope including rounding of corners watering and curing with cost, conveyance, royalties of all materials and cost of all labour with T & P required for the work etc. complete as per direction of the Engineer - in - Charge.	39.70	Sqm	306.61	(Rupees Three Hundred Six and Sixty One Paise Only	Rs. 12172.42
22	Supplying, fitting, fixing up window (sliding type) made up aluminum section 9778 as windows frame . section no. 4095,4096 and 9777,3994 as shutter frame with 5mm. thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour,T&P including cost of glass etc. complete as per direction of Engineer-in-charge.	1.81	Sqm	3677.90	(Rupees Three Thousand Six Hundred Seventy Seven and Ninety Paise Only	Rs. 6657.00
23	Supplying, providing, fitting & fixing RCC sky lights in position, fitted and fixed including cost of materials, labour charges, T & P, etc. complete as per direction of Engineer-in-charge.	10.00	No	150.00	(Rupees One Hundred Fifty )Only	Rs 1500.00
24	Providing & fixing of R.C.C Ring and R.C.C. covers. In position Including labour charges, cost of materials & conveyance, etc.					
A	Burialpit ,Sharppit Ring	16.00	No	600.00	(Rupees Six Hundred )Only	Rs. 9600.00
B	Eaxhausted Fan Ring	4.00	No	150.00	(Rupees One Hundred Fifty )Only	Rs. 600.00
25	Multi colour Branding as per norm & specification of HWC with approved quality weather paint including cost of materials, labour charges, T & P, etc. complete as per direction of Engineer-in-charge.	235.00	Sft	41.00	(Rupees Forty One )Only	Rs 9635.00

26	Transparency board with Photography for public information, including cost of materials, labour charges, T & P, etc. complete as per direction of Engineer-in-charge	1.00	Set	3000.00	(Rupees Three Thousand )Only	Rs. 3000.00
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Rs. 2025291.01

Rs. 2025291.00

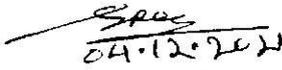
(Rupees Twenty Lakhs Twenty Five Thousand Two Hundred Ninety One )Only

Total No. of pages ( Enclosed ) other than DTCN \_\_\_\_\_ pages.

Notes :- The Contractor should not write any thing except quoting of Percentage , Excess / Less / Equal to the Estimated amount up to two decimal points only.

CONDITIONS :- All materials, Labour, Machinaries and Equipments required to complete the work in all respect be arranged by the tenderer at his own cost . The Employer will bear no responsibility in this aspect

N.B :- GST, Income Tax, Royalties, Labour cess as applicable will be deducted from the bill of the contractor for all above works the minimum grade of cement shall be OPC, TMT High strength steel Fe - 500 like SAIL / TISCO (S.A.S.A)

  
04.12.2024  
A.E. NHM  
DHENKANAL

  
11.12.2024  
APD(TECH)  
DRDA, DHENKANAL

  
PROJECT DIRECTOR  
DRDA, DHENKANAL

My / Our quoted rate is

\_\_\_\_\_ ( both in figures & words ) Excess over / Less than / Equal to the above tendered amount.

CONTRACTOR