

## BILLS OF QUANTITY

NAME OF WORK:-

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

AMOUNT PUT TO TENDER:-

Rs. 2099577.00

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.	77.07	Cum	188.79	(Rupees One Hundred Eighty Eight and Seventy Nine Paise Only	Rs. 14550.05
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.	60.74	Cum	553.43	(Rupees Five Hundred Fifty Three and Forty Three Paise Only	Rs. 33615.34
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.	20.91	Cum	4543.43	(Rupees Four Thousand Five Hundred Forty Three and Forty Three Paise Only	Rs. 95003.12
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.	1.15	Cum	5916.93	(Rupees Five Thousand Nine Hundred Sixteen and Ninety Three Paise Only	Rs. 6804.47
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./cm2 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	4149.29	(Rupees Four Thousand One Hundred Forty Nine and Twenty Nine Paise Only	Rs. 107010.19
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./cm2 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	4182.62	(Rupees Four Thousand One Hundred Eighty Two and Sixty Two Paise Only	Rs. 216492.41
7	RCC work M-20 having a minimum compressive strength 200kgs/cm2 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	5354.36	(Rupees Five Thousand Three Hundred Fifty Four and Thirty Six Paise Only	Rs. 29395.44
	b) Lintel	2.93	Cum	8644.83	(Rupees Eight Thousand Six Hundred Forty Four and Eighty Three Paise Only	Rs. 25329.35
	c) Column base & footing	8.98	Cum	4978.70	(Rupees Four Thousand Nine Hundred Seventy Eight and Seventy Paise Only	Rs. 44708.73
	d) Column beam & bed block	8.88	Cum	12253.41	(Rupees Twelve Thousand Two Hundred Fifty Three and Forty One Paise Only	Rs. 108810.28
	e) R.C.C Chajja	23.58	Sqm	796.58	(Rupees Seven Hundred Ninety Six and Fifty Eight Paise Only	Rs. 18783.36

	f) Staircase	2.53	Cum	10282.87	(Rupees Ten Thousand Two Hundred Eighty Two and Eighty Seven Paise Only	Rs. 26015.66
	g) R.C.C Roof Slab	14.95	Cum	9212.51	(Rupees Nine Thousand Two Hundred Twelve and Fifty One Paise Only	Rs. 137727.02
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	10505.14	(Rupees Ten Thousand Five Hundred Five and Fourteen Paise Only	Rs. 539754.09
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	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) 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	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	1243.65	(Rupees One Thousand Two Hundred Forty Three and Sixty Five Paise Only	Rs. 154560.82
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	200.05	(Rupees Two Hundred and Five Paise Only	Rs. 88204.05
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	221.75	(Rupees Two Hundred Twenty One and Seventy Five Paise Only	Rs. 26219.72
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, conveyence, 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 with rubber beading 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	304.30	(Rupees Three Hundred Four and Thirty Paise Only	Rs. 12080.71
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

Rs. 2099576.55

Or Say Rs. 2099577.00

(Rupees Twenty Lakhs Ninety Nine Thousand Five Hundred Seventy Seven )Only

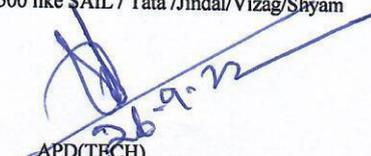
Total No. of pages ( Enclosed ) other than DTCN \_\_\_\_\_ pages.

Notes :- The Contractor should not write any thing except quoting of Percentage , Excess / Less / Equal to the Estimate 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 PPC like Ultratech/Konark/ACC & steel shall be TMT High strength steel Fe - 500 like SAIL / Tata /Jindal/Vizag/Shyam

  
25/09/22  
A.E. NHM  
ZP, DHENKANAL

  
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APD(TECH)  
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CDE cum-EO  
ZP, DHENKANAL

My / Our quoted rate is \_\_\_\_\_ ( both in figures & words ) Excess over / Less than / Equal to the above tendered amount of Rs. .... Only

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. 2097885.00

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	4449.57	(Rupees Four Thousand Four Hundred Forty Nine and Fifty Seven Paise Only	Rs. 99536.88
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	5828.94	(Rupees Five Thousand Eight Hundred Twenty Eight and Ninety Four Paise Only	Rs. 15213.53
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./cm2 after immrersing 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	4119.42	(Rupees Four Thousand One Hundred Nineteen and Forty Two Paise Only	Rs. 106239.84
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./cm2 after immrersing 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	4152.75	(Rupees Four Thousand One Hundred Fifty Two and Seventy Five Paise Only	Rs. 214946.34
7	RCC work M-20 having a minimum compressive strength 200kgs/cm2 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	5265.11	(Rupees Five Thousand Two Hundred Sixty Five and Eleven Paise Only	Rs. 28905.45
	b) Lintel	2.93	Cum	8547.38	(Rupees Eight Thousand Five Hundred Forty Seven and Thirty Eight Paise Only	Rs. 25043.82
	c) Column base & footing	8.98	Cum	4890.34	(Rupees Four Thousand Eight Hundred Ninety and Thirty Four Paise Only	Rs. 43915.25
	d) Column beam & bed block	8.88	Cum	12157.12	(Rupees Twelve Thousand One Hundred Fifty Seven and Twelve Paise Only	Rs. 107955.23
	e) R.C.C Chajja	23.58	Sqm	789.80	(Rupees Seven Hundred Eighty Nine and Eighty Paise Only	Rs. 18623.48

	f) Staircase	2.53	Cum	10190.06	(Rupees Ten Thousand One Hundred Ninety and Six Paise Only	Rs. 2578 <sup>5</sup>
	g) R.C.C Roof Slab	14.95	Cum	9114.82	(Rupees Nine Thousand One Hundred Fourteen and Eighty Two Paise Only	Rs. 136266.56
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	10496.41	(Rupees Ten Thousand Four Hundred Ninety Six and Forty One Paise Only	Rs. 539305.55
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	1140.96	(Rupees One Thousand One Hundred Forty and Ninety Six Paise Only	Rs. 98065.51
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	1670.62	(Rupees One Thousand Six Hundred Seventy and Sixty Two Paise Only	Rs. 4276.79
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	1239.82	(Rupees One Thousand Two Hundred Thirty Nine and Eighty Two Paise Only	Rs. 154084.83
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	138.96	(Rupees One Hundred Thirty Eight and Ninety Six Paise Only	Rs. 27775.32
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	198.13	(Rupees One Hundred Ninety Eight and Thirteen Paise Only	Rs. 87357.50
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	219.51	(Rupees Two Hundred Nineteen and Fifty One Paise Only	Rs. 25954.86
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 mm @ 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, conveyence, 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	302.00	(Rupees Three Hundred Two )Only	Rs. 11989.40
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	Transperency 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

Rs. 2097884.72

Or Say Rs. 2097885.00

(Rupees Twenty Lakhs Ninety Seven Thousand Eight Hundred Eighty Five )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 Estimate 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 PPC like Ultratech/Konark/ACC & steel shall be TMT High strength steel Fe - 500 like SAIL / Tata /Jindal/Vizag/Shyam

95/09/22  
A.E. NHM  
ZP,DHENKANAL

26-9-22  
Addl EO (TECH)  
ZP,DHENKANAL

26-9-22  
CDG-sum-EO  
ZP,DHENKANAL

My / Our quoted rate is \_\_\_\_\_ ( both in figures & words ) Excess over / Less than / Equal to the above tendered amount of Rs. .... Only

CONTRACTOR

## BILLS OF QUANTITY

NAME OF WORK:-

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

Rs. 2097115.00

AMOUNT PUT TO TENDER:-

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.	82.79	Cum	188.79	(Rupees One Hundred Eighty Eight and Seventy Nine Paise Only	Rs. 15629.92
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.	63.60	Cum	366.79	(Rupees Three Hundred Sixty Six and Seventy Nine Paise Only	Rs. 23327.84
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.	23.77	Cum	4334.38	(Rupees Four Thousand Three Hundred Thirty Four and Thirty Eight Paise Only	Rs. 103028.21
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.	4.01	Cum	5720.95	(Rupees Five Thousand Seven Hundred Twenty and Ninety Five Paise Only	Rs. 22941.01
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./cm2 after immersing the bricks for six hours in water before use in Foundation & Plinth including splay 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	4097.03	(Rupees Four Thousand Ninety Seven and Three Paise Only	Rs. 105662.40
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./cm2 after immersing the bricks for six hours in water before use in Superstructure including splay 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	4130.36	(Rupees Four Thousand One Hundred Thirty and Thirty Six Paise Only	Rs. 213787.43
7	RCC work M-20 having a minimum compressive strength 200kgs/cm2 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	5157.12	(Rupees Five Thousand One Hundred Fifty Seven and Twelve Paise Only	Rs. 28312.59
	b) Lintel	2.93	Cum	8439.39	(Rupees Eight Thousand Four Hundred Thirty Nine and Thirty Nine Paise Only	Rs. 24727.41
	c) Column base & footing	8.98	Cum	4782.35	(Rupees Four Thousand Seven Hundred Eighty Two and Thirty Five Paise Only	Rs. 42945.50
	d) Column beam & bed block	8.88	Cum	12049.13	(Rupees Twelve Thousand Forty Nine and Thirteen Paise Only	Rs. 106996.27
	e) R.C.C Chajja	23.58	Sqm	782.78	(Rupees Seven Hundred Eighty Two and Seventy Eight Paise Only	Rs. 18457.95

	f) Staircase	2.53	Cum	10082.07	(Rupees Ten Thousand Eighty Two and Seven Paise Only)	Rs. 25507.64
	g) R.C.C Roof Slab	14.95	Cum	9006.83	(Rupees Nine Thousand Six and Eighty Three Paise Only)	Rs. 134652.11
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	10496.41	(Rupees Ten Thousand Four Hundred Ninety Six and Forty One Paise Only)	Rs. 539305.55
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	1139.92	(Rupees One Thousand One Hundred Thirty Nine and Ninety Two Paise Only)	Rs. 97976.12
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	1669.58	(Rupees One Thousand Six Hundred Sixty Nine and Fifty Eight Paise Only)	Rs. 4274.12
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	1238.62	(Rupees One Thousand Two Hundred Thirty Eight and Sixty Two Paise Only)	Rs. 153935.69
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	137.76	(Rupees One Hundred Thirty Seven and Seventy Six Paise Only)	Rs. 27535.47
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	196.69	(Rupees One Hundred Ninety Six and Sixty Nine Paise Only)	Rs. 86722.59
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	217.83	(Rupees Two Hundred Seventeen and Eighty Three Paise Only)	Rs. 25756.22
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	299.20	(Rupees Two Hundred Ninety Nine and Twenty Paise Only	Rs. 11878.24
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

Rs. 2097115.10

Or Say Rs. 2097115.00

(Rupees Twenty Lakhs Ninety Seven Thousand One Hundred Fifteen) 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 Estimate 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 PPC like Ultratech/Konark/ACC & steel shall be TMT High strength steel Fe - 500 like SAIL / Tata /Jindal/Vizag/Shyam

*SAC*  
25/09/22  
A.E.NHM  
ZP,DHENKANAL

*[Signature]*  
26-9-22  
Addl EO(Tech)  
ZP,DHENKANAL

*[Signature]*  
27-09-22  
CDO-cum-EO  
ZP,DHENKANAL

My / Our quoted rate is \_\_\_\_\_ ( both in figures & words ) Excess over / Less than / Equal to the above tendered amount of Rs. .... Only

CONTRACTOR

## BILLS OF QUANTITY

NAME OF WORK:-

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

AMOUNT PUT TO TENDER:-

Rs. 2099046.00

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.	85.30	Cum	188.79	(Rupees One Hundred Eighty Eight and Seventy Nine Paise Only	Rs. 16103.79
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.	64.85	Cum	322.35	(Rupees Three Hundred Twenty Two and Thirty Five Paise Only	Rs. 20904.40
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.	25.02	Cum	4219.19	(Rupees Four Thousand Two Hundred Nineteen and Nineteen Paise Only	Rs. 105564.13
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.	5.26	Cum	5612.97	(Rupees Five Thousand Six Hundred Twelve and Ninety Seven Paise Only	Rs. 29524.22
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./cm2 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	4084.58	(Rupees Four Thousand Eighty Four and Fifty Eight Paise Only	Rs. 105341.32
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./cm2 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	4117.91	(Rupees Four Thousand One Hundred Seventeen and Ninety One Paise Only	Rs. 213143.02
7	RCC work M-20 having a minimum compressive strength 200kgs/cm2 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	5050.64	(Rupees Five Thousand Fifty and Sixty Four Paise Only	Rs. 27728.01
	b) Lintel	2.93	Cum	8342.75	(Rupees Eight Thousand Three Hundred Forty Two and Seventy Five Paise Only	Rs. 24444.26
	c) Column base & footing	8.98	Cum	4674.81	(Rupees Four Thousand Six Hundred Seventy Four and Eighty One Paise Only	Rs. 41979.79
	d) Column beam & bed block	8.88	Cum	11951.04	(Rupees Eleven Thousand Nine Hundred Fifty One and Four Paise Only	Rs. 106125.24
	e) R.C.C Chajja	23.58	Sqm	777.04	(Rupees Seven Hundred Seventy Seven and Four Paise Only	Rs. 18322.60

	f) Staircase	2.53	Cum	9979.87	(Rupees Nine Thousand Nine Hundred Seventy Nine and Eighty Seven Paise Only	Rs. 2524.7
	g) R.C.C Roof Slab	14.95	Cum	8910.54	(Rupees Eight Thousand Nine Hundred Ten and Fifty Four Paise Only	Rs. 133212.57
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	10506.88	(Rupees Ten Thousand Five Hundred Six and Eighty Eight Paise Only	Rs. 539843.49
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	1142.01	(Rupees One Thousand One Hundred Forty Two and One Paise Only	Rs. 98155.76
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	1671.67	(Rupees One Thousand Six Hundred Seventy One and Sixty Seven Paise Only	Rs. 4279.48
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	1240.62	(Rupees One Thousand Two Hundred Forty and Sixty Two Paise Only	Rs. 154184.25
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	137.09	(Rupees One Hundred Thirty Seven and Nine Paise Only	Rs. 27401.55
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	195.89	(Rupees One Hundred Ninety Five and Eighty Nine Paise Only	Rs. 86369.86
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	216.90	(Rupees Two Hundred Sixteen and Ninety Paise Only	Rs. 25646.26
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 1m @ 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	296.42	(Rupees Two Hundred Ninety Six and Forty Two Paise Only	Rs. 11767.87
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

Rs. 2099045.74

Or Say Rs. 2099046.00

(Rupees Twenty Lakhs Ninety Nine Thousand Forty Six )Only

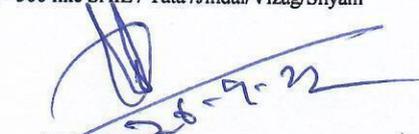
Total No. of pages ( Enclosed ) other than DTCN \_\_\_\_\_ pages.

Notes :- The Contractor should not write any thing except quoting of Percentage , Excess / Less / Equal to the Estimate 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 PPC like Ultratech/Konark/ACC & steel shall be TMT High strength steel Fe - 500 like SAIL / Tata /Jindal/Vizag/Shyam

  
A.E. NHM  
ZP,DHENKANAL

  
ADDI EO(TECH)  
ZP,DHENKANAL

  
CDO-cum-EO  
ZP,DHENKANAL

My / Our quoted rate is \_\_\_\_\_ ( both in figures & words ) Excess over / Less than / Equal to the above tendered amount of Rs. .... Only

CONTRACTOR

## BILLS OF QUANTITY

NAME OF WORK:-

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

AMOUNT PUT TO TENDER:-

Rs. 2090505.00

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.	77.07	Cum	188.79	(Rupees One Hundred Eighty Eight and Seventy Nine Paise Only	Rs. 14550.05
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.	60.74	Cum	411.23	(Rupees Four Hundred Eleven and Twenty Three Paise Only	Rs. 24978.11
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.	20.91	Cum	4645.82	(Rupees Four Thousand Six Hundred Forty Five and Eighty Two Paise Only	Rs. 97144.10
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.	1.15	Cum	6012.93	(Rupees Six Thousand Twelve and Ninety Three Paise Only	Rs. 6914.87
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./cm2 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	4109.47	(Rupees Four Thousand One Hundred Nine and Forty Seven Paise Only	Rs. 105983.23
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./cm2 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	4142.80	(Rupees Four Thousand One Hundred Forty Two and Eighty Paise Only	Rs. 214431.33
7	RCC work M-20 having a minimum compressive strength 200kgs/cm2 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	5448.59	(Rupees Five Thousand Four Hundred Forty Eight and Fifty Nine Paise Only	Rs. 29912.76
	b) Lintel	2.93	Cum	8727.58	(Rupees Eight Thousand Seven Hundred Twenty Seven and Fifty Eight Paise Only	Rs. 25571.81
	c) Column base & footing	8.98	Cum	5074.17	(Rupees Five Thousand Seventy Four and Seventeen Paise Only	Rs. 45566.05
	d) Column beam & bed block	8.88	Cum	12337.80	(Rupees Twelve Thousand Three Hundred Thirty Seven and Eighty Paise Only	Rs. 109559.66
	e) R.C.C Chajja	23.58	Sqm	801.33	(Rupees Eight Hundred One and Thirty Three Paise Only	Rs. 18895.36

	f) Staircase	2.53	Cum	10372.12	(Rupees Ten Thousand Three Hundred Seventy Two and Twelve Paise Only	Rs. 26241.46
	g) R.C.C Roof Slab	14.95	Cum	9295.00	(Rupees Nine Thousand Two Hundred Ninety Five )Only	Rs. 138960.25
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	10492.92	(Rupees Ten Thousand Four Hundred Ninety Two and Ninety Two Paise Only	Rs. 539126.23
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	1139.61	(Rupees One Thousand One Hundred Thirty Nine and Sixty One Paise Only	Rs. 97949.48
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	1669.27	(Rupees One Thousand Six Hundred Sixty Nine and Twenty Seven Paise Only	Rs. 4273.33
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	1238.40	(Rupees One Thousand Two Hundred Thirty Eight and Forty Paise Only	Rs. 153908.35
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	138.42	(Rupees One Hundred Thirty Eight and Forty Two Paise Only	Rs. 27667.39
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	197.49	(Rupees One Hundred Ninety Seven and Forty Nine Paise Only	Rs. 87075.32
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	218.76	(Rupees Two Hundred Eighteen and Seventy Six Paise Only	Rs. 25866.18
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, conveyence, 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	306.68	(Rupees Three Hundred Six and Sixty Eight Paise Only	Rs. 12175.20
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	Transperency 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

Rs. 2090505.30

Or Say Rs. 2090505.00

(Rupees Twenty Lakhs Ninety Thousand Five Hundred Five )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 Estimate 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 PPC like Ultratech/Konark/ACC & steel shall be TMT High strength steel Fe - 500 like SAIL / Tata /Jindal/Vizag/Shyam

25/09/22  
A.E.NHM  
ZP,DHENKANAL

26/9/22  
ADDL EO(TECH)  
ZP,DHENKANAL

25/09/22  
CDO-sum-EO  
ZP,DHENKANAL

My / Our quoted rate is \_\_\_\_\_ ( both in figures & words ) Excess over / Less than / Equal to the above tendered amount of Rs. .... Only

CONTRACTOR