

**BILL OF QUANTITIES  
FOR  
THE WORK**

**"Construction of Addl Class Room  
(ACR) at Jagannathpur PS."**

## BILL OF QUANTITY

**NAME OF THE WORK:-** Construction of Addl Class Room (ACR) at Jagannathpur PS  
**NAME OF THE G.P.:-** Jagannathpur  
**NAME OF THE SCHEME:-** S & ME Dept. Amount put to Tender:- ₹ 14,64,784.97

SN	Description of Work	Unit	Quantity	Estimated Rate in Rs	Rate in Words	Amount
1	Earth work in excavation of foundation trenches in HARD soil up to the required depth including dressing and leveling the bed and depositing the excavated materials away from the site with all leads and lifts, T&P labour required for the work etc. complete as directed by the Engineer-In Charge.	Cum	53.15	270.90	(Rupees Two Hundred Seventy and Ninety Paise) Only	14,398.14
2	Supplying and filling in foundation and plinth with sand including well watering, ramming, including cost, conveyance and royalties of all materials and cost of all labour with T&P required for the work etc. complete as per direction of Engineer-In-Charge.	Cum	50.24	663.20	(Rupees Six Hundred Sixty Three and Twenty Paise) Only	33,319.17
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.	Cum	15.81	6664.90	(Rupees Six Thousand Six Hundred Sixtyfour and Ninety Paise) Only	1,05,372.67
4	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 taxes & testing of all materials & of all labour with T&P required for the work etc. complete as per specification & direction of Engineer-In-Charge.	Cum	13.17	5507.70	(Rupees Five Thousand Six Hundred Seven and Seventy Paise ) Only	73,523.71
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 Superstructure 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.	Cum	16.97	5,641.10	(Rupees Five Thousand Six Hundred Fortyone and Ten Paise ) Only	9,57,011.67
6	Back Filling of surplus excavated earth at work site by initial lead of 50.00mtr and initial lift of 1.50mtr including cost of all labour T&P required for the work etc. complete as directed by Engineer-In-Charge	Cum	53.15	129.60	(Rupees One Hundred Twenty Nine and Sixty Paise ) Only	6,886.34

7.2	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 (but excluding cost of M.S Rod or Tor Steel & binding wires)					
a)	Column Base & Footing	Cum	10.97	7237.20	(Rupees Seven Thousand Two Hundred Thirty Seven and Twenty Paise) Only	79,392.08
b)	Plinth Band	Cum	3.24	8103.50	(Rupees Eight Thousand One Hundred Three and Fifty Paise) Only	26,255.34
c)	Column & Beam	Cum	7.29	16380.10	(Rupees Sixteen Thousand Three Hundred Eighty and Ten Paise ) Only	119,410.93
d)	Lintel	Cum	2.10	14850.20	(Rupees Fourteen Thousand Eight Hundred Fifty and Twenty Paise) Only	31,185.42
9	Chajja	Sqm	11.33	1276.80	(Rupees One Thousand Two Hundred Seventy Six and Eighty Paise ) Only	14,466.14
f)	Roof Slab	Cum	12.22	14415.90	(Rupees Fourteen Thousand Four Hundred Fifteen and Ninty Paise ) Only	176,162.30
8	Cutting straightening HYSD Bars/High tensile for steels, conforming 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 for 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 wires)and payment will be made on the weight of M.S or for steel only).	Qtl	33.31	8,536.70	(Rupees Eight Thousand Five Hundred Thirty Six and Seventy Paise) Only	284,357.48
9	10mm.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.	Sqm	169.52	276.50	(Rupees Two Hundred Seventy Six and Fifty Paise) Only	46,872.28
10	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.	Sqm	129.28	192.60	(Rupees One Hundred Ninety Two and Sixty Paise ) Only	24,899.33

11	Providing 6mm thick cement plaster in cement mortar (1:4) finished smooth in RCC surface, ceiling & finishing the plaster surface smooth using wooden float only to proper plumbs & level and making necessary grooves, beads & drip course to give required ornamental finish as per drawing, watering, curing, scaffolding, screening sand etc. complete with cost, conveyances, royalties, taxes of all materials and cost of all labour with T&P, sundries required for the work etc. complete as per specification & direction of Engineer-in-charge.(In all floors)	Sqm	124.00	213.50	(Rupees Two hundred Thirteen and Fifty Paise) Only	26,474.00
13	Supplying, fitting, fixing of Vitrified Tiles Premium grade (600x600mm, Colour/Printed) in floors, treads, steps and landing slab on 20mm thick bed of cement mortar (1:4) jointed with neat cement slurry mixed with pigments to match the shades of the tiles including, rubbing and polishing the surface with cost, conveyance and royalty of all materials etc. complete as per direction of the Engineer-in-charge.	Sqm	104.51	1,148.50	(Rupees One Thousand One Hundred Forty Eight and Fifty paise) Only	1,20,029.74
14	Supplying, fitting, fixing of Vitrified tiles Premium grade (600x600mm) in dados on 12mm thick bed of cement mortar (1:3) jointed with neat cement slurry mixed with pigments to match the shades of the tiles including, rubbing and polishing the surface with cost, conveyance and royalty of all materials etc. complete as directed by the Engineer - in - Charge.	Sqm	5.89	1,724.70	(Rupees One Thousand Seven Hundred Twentyfour and Seventy paise) Only	10,158.48
15	Supplying, fitting and fixing hand railing of Stainless steel of 304 grade using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in stair case as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, cost of all labour, T&P etc. required for the complete in all respect as per direction of the Engineer-in-charge.	Mtr	5.85	3,589.60	(Rupees Three Thousand Five Hundred Eighty Nine and Sixty Paise ) Only	24,525.17
16	Painting 2 coats with water proofing weather coat of approved shade 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.	Sqm	140.70	181.00	(Rupees One Hundred Eightyone) Only	25,465.70
17	Distemping 2 coats with any approved shade over the interior surface of walls using distemper including cost, conveyance of all materials including cost of distemper with all taxes and cost of all labour with T & P required for the work etc. complete as directed by the Engineer - in - Charge.	Sqm	254.26	170.60	(Rupees One Hundred Seventy and Sixty Paise ) Only	40,578.16
18	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.	Sqm	30.10	267.30	(Rupees Two hundred Sixty Seven and Thirty Paise ) Only	8,045.73

18	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.	Sqm	30.10	267.30	(Rupees Two Hundred Sixty Seven and Thirty Paise ) Only	2,045.00
19	Supplying fixing and fittings MS door shutters with frames of approved design and drawing made out of MS flat and MS angle at work site with one coat of anticorrosive red oxide zink chrome primer including cutting holes in brick or RCC walls and fixing with CC (1:3:6) including cost conveyance royalty and taxes of all materials all labour T&P required for the work complete (payment will be made on weight basis only)	Sqm	628.00	100.00	(Rupees One Hundred ) Only	6,280.00
<b>Total</b>				<del>Sixty four</del> <b>Sixty four</b>	<del>Seven</del> <b>Eighty four</b>	<b>Rs 14,11,221.44</b>

Rupees (Fourteen Lakh ~~Eleven Thousand Two Hundred Twenty one~~ **Eighty four** and ~~Forty four~~ **Thirty seven** Paise ) Only

My/ Our quoted rate of.....(both in figure & word)Excess over / Less than / Equal to the above estimated cost and tendered amount is Rs.....Only

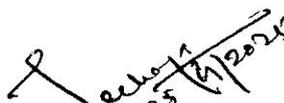
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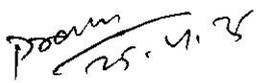
Notes:- The Contractor should notwrite any thing except quoting of Percentage, Excess/ less/ equal to the Estimate up to two decimal points only

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

N B:- GST, Income tax, Royalty, EMF, DMF, Additional Charges , Labour cess as applicable will be deducted from the billof the contractor for allabove works the minimum grade cement shall beOPC, TMT High strenth steel Fe-500 like SAIL/ TISC.

  
Junior Engineer  
Kamakhyanagar Block

  
Assistant Executive Engineer  
Kamakhyanagar Block

  
Block Development Officer  
Kamakhyanagar

  
Asst. Engineer  
Zilla Parishad, Dhenkanal

  
Assistant Executive Engineer  
Zilla parishad.Dhenkanal

  
Addl. Executive Officer (Tech.)  
Zilla Parishad, Dhenkanal