

**BILL OF QUANTITIES
FOR
THE WORK**

**"Construction of Addl Class Room
(ACR) at Aluajharan High School."**

BILL OF QUANTITY

SN	Description of Work	Unit	Quantity	Estimated Rate in Rs	Rate in Words	Amount
NAME OF THE WORK:- Construction of Addl. Class Room at Aluajharan high School. NAME OF THE G.P.:- Kusumajodi NAME OF THE SCHEME:- S & ME Dept.		Amount put to Tender:- 1212501.09				
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	50.24	276.90	(Rupees Two Hundred Sixty Nine and Seventy Paise) Only	13,911.46
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	38.01	664.60	(Rupees Six Hundred Sixty Two and Ninety Paise) Only	25,261.44
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	12.90	6479.60	(Rupees Six Thousand Six Hundred Fifty Five and Fifty Paise) Only	83,586.84
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 ² after immrrsing 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	11.20	5590.10	(Rupees Five Thousand Five Hundred Ninety Seven and Sixty Paise) Only	62,609.11
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 ² after immrrsing 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	15.09	5,623.40	(Rupees Five Thousand Six Hundred Thirty One) Only	84,857.11

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	50.24	132.40	(Rupees One Hundred Twenty Nine) Only	6,651.78
7	RCC work M-20 having a minimum compressive strength 200kgs/cm ² 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	6903.30	(Rupees Seven Thousand Two Hundred Thirty Three and Forty Paise) Only	75,729.20
b)	Plinth Band	Cum	2.68	7773.60	(Rupees Eight Thousand Ninety Eight and Eighty Paise) Only	20,833.24
c)	Column & Beam	Cum	6.76	16166.20	Hundred Fifty Two and Thirty Paise) Only	1,09,283.50
d)	Lintel	Cum	1.75	14566.60	(Rupees Forteen Thousand Eight Hundred Thirty Six and Thirty Paise) Only	25,491.55
9	Chajja	Sqm	9.84	1262.80	(Rupees One Thousand Two Hundred Seventy five) Only	12,425.95
f)	Roof Slab	Cum	9.03	14151.30	(Rupees Forteen Thousand Three Hundred Ninety Eight and Twenty Paise) Only	1,27,786.23
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).	Qtl	28.71	8,069.10	(Rupees Eight Thousand Nine Hundred Sixty Six and Ninety Paise) Only	2,31,663.86
9	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.	Sqm	140.35	276.70	(Rupees Two Hundred Seventy Five and Fifty Paise) Only	38,834.85

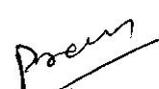
10	12mm.thick cement plaster in C.M. (1:6) in finished smooth to surface of walls after racking out the joints including watering and curing with cost ,conveyance, royalties of all materials and cost of labour with T&P required for the work etc. complete as per direction of Engineer-In-Charge.	Sqm	110.98	192.00	(Rupees One Hundred Ninety Two) Only	21,308.16
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	97.00	213.40	(Rupees Two Hundred Twelve and Eighty Paise) Only	20,699.80
12	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	79.09	1,142.60	(Rupees One Thousand One Hundred Forty Seven and Fifty paise) Only	90,368.22
13	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	4.87	1,727.10	(Rupees Nine Hundred Sixty Eight and Eighty paise) Only	8,410.98
14	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	6.85	3,595.90	(Rupees Three Thousand Five Hundred Eighty Eight and Thirty Paise) Only	24,631.91
15	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	120.91	183.60	(Rupees One Hundred Eighty and Forty Paise) Only	22,199.08

SN	Description of Work	Unit	Quantity	Estimated Rate in Rs	Rate in Words	Amount
16	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	201.99	173.20	(Rupees One Hundred Seventy and Ten Paise) Only	34,984.67
17	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	271.50	(Rupees Two Hundred Sixty Six and Forty Paise) Only	8,172.15
18	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	62,800.00
Total						Rs 12,12,501.09

Rupees (Twelve Lakh Twelve Thousand Five Hundred One and Nine Paise) only


Assistant Engineer
Kamakhyanagar Block


Assistant Executive Engineer
Kamakhyanagar Block


Block Development Officer
Kamakhyanagar

My / Our quoted rate of _____ (both in figures & words) Excess over / Less than / Equal to the above estimated cost and tendered amount is Rs.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 OPC, TMT High strength steel Fe - 500 like SAIL / TISC

CONTRACTOR

BLOCK DEVELOPMENT OFFICER,
KAMAKHYANAGAR