

12

BILL OF QUANTITIES

FOR THE WORK

Construction of staff quarter at
Alwajharan Ashram School.
Kusurjodi.

PANCHAYAT SAMITI OFFICE KAMAKHYANAGAR.

the work :

Construction of staff quarter at

Arunachalam Ashram School.

Name of the G.P : Kucumjodi

Name of the Scheme : S.C.S.T Development

Amount put to Tender:- 1147967.83

BILL OF QUANTITY

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	30.67	276.89	Rupees Two hundred seventy six and eighty nine paise only	8,491.35
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	25.23	605.76	Rupees six hundred five and seventy six paise only	15,283.44
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	10.92	6408.07	Rupees six thousand four hundred eight and seven paise only	69,980.48
4	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)					
I	GROUND FLOOR					
a)	Column Base & Footing	Cum	6.20	6839.39	Rupees six thousand eight hundred thirty nine and thirty nine paise only	42,380.25
b)	Plinth Band	Cum	3.13	7709.73	Rupees seven thousand seven hundred nine and seventy three paise only	24,093.87
c)	Column and Beam	Cum	3.72	16102.30	Rupees sixteen thousand one hundred two and thirty paise only	59,858.29
d)	Lintel	Cum	1.88	14502.66	Rupees fourteen thousand five hundred two and sixty six paise only	27,193.58
e)	Chajja	Sqm	4.05	1258.62	Rupees one thousand two hundred fifty eight and sixty two paise only	5,097.43

SN	Description of Work	Unit	Quantity	Estimated Rate in Rs	Rate in Words	
f)	Roof Slab	Cum	7.62	14087.38	Rupees fourteen thousand eighty seven and thirty eight paise only	107,336.33
5	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				
	GROUND FLOOR	Qtl	26.58	8,071.64	Rupees eight thousand seventy one and sixty four paise only	214,571.58
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 immrrsing the bricks for six hours in water before use 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.					
a)	f&p	Cum	8.12	5505.26	Rupees five thousand five hundred five and twenty six paise only	44,713.01
b	Superstructure of Ground Floor	Cum	28.49	5,538.59	Rupees five thousand five hundred thirty eight and fifty nine paise only	157,770.61
7	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				
	GROUND FLOOR	Sqm	47.54	211.15	Rupees two hundred eleven and fifteen paise only	10,038.77
8	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				
	GROUND FLOOR	Sqm	77.61	187.47	Rupees one hundred eighty seven and forty seven paise only	14,549.49

	Description of Work	Unit	Quantity	Estimated Rate in Rs	Rate in Words	Amount
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				
	GROUND FLOOR	Sqm	188.53	271.28	Rupees two hundred seventy one and twenty eight paise only	51,143.50
10	Providing 2.5cm thick Grading Concrete over roof slab with cement concrete (1:2:2) using 6mm size black hard granite crusher broken chips and screened & washed sharp sand for mortar and finished smooth to the rough surface of slab including watering and curing etc. complete in all respect as directed by the Engineer in charge.					
	GROUND FLOOR	Sqm	60.95	391.68	Rupees three hundred ninety one and sixty eight paise only	23,874.70
11	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) joined 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				
	GROUND FLOOR	Sqm	47.54	1,138.68	Rupees one thousand one hundred thirty eight and sixty eight paise only	54,136.60
12	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				
	GROUND FLOOR	Sqm	30.42	1,325.05	Rupees one thousand three hundred twenty five and five paise only	40,312.79
13	Painting two coats with plastic emulsion paint over a coat of water bond cement primer to make an even finished surface in all floors and heights to wall surface of approved make and shade including sand papering, applying putty wherever necessary & cost of scaffolding, staging charges with cost, conveyance, taxes of all materials, cost of all labour, T&P etc. complete as per the direction of the Engineer-in-charge.	Sqm				
	GROUND FLOOR	Sqm	313.68	191.51	Rupees one hundred ninety one and fifty one paise only	60,072.78
14	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				

SN	Description of Work	Unit	Quantity	Estimated Rate in Rs	Rate in Words	Amount
	GROUND FLOOR	Sqm	77.61	183.57	Rupees one hundred eighty three and fifty seven paise only	14,246.81
15	Painting Two coats with Enamel paint on Old/new iron 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				
	GROUND FLOOR	Sqm	33.98	271.44	Rupees two hundred seventy one and forty four paise only	9,222.17
16	Supplying fixing and fittings MS door window grills, MS verandha grills and MS grill gate, Rolling Shutter and door window shutters 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 and royalty of all materials all labour T&P required for the work complete (payment will be made on weight basis only)(In all floors)	Kg				
	GROUND FLOOR	Kg	720.00	130.00	Rupees one one hundred thirty only	93,600.00
	Total					Rs 1,147,967.83

JE / 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 Block