

## Tender Inviting Authority:- Block Development Officer, Junagarh

Name of the Work:- Construction of Krupasindhu High school at Charbahal, Junagarh Block for the year 2021-22

Class of Contractor: 'C' & 'B'

**Bid Identification no;-1 of 2021-22 Estimated cost put to tender:- Rs. 3015478.00**

### Bill of Quantities

SI No	Description of works	Unit	Quantity	Estimated Rate	Amount
1	Earth work in excavation of foundation in all kinds of soil with all lead and lifts including levelling, refilling, sprinkling water & ramming the bed, dressing the size and depositing excavated materials away from working area including rough dressing and breaking clods to maximum 5cm to 7cm and removing roots, debris, shrubs and other foreign materials including T&P etc. complete as per specification and direction of the Engineer-in-Charge etc complete.	Cum	79.99	186.92	14953.00
2	Supplying & filling in foundation trenches and plinth ditches with sand including all cost etc complete	cum	120.65	334.77	40392.00
3	PCC (1:3:6) in foundation and plinth using Crusher broken hard granite coarse aggregates 40mm & down graded size of approved quality from approved quarry including hoisting, lowering & laying concrete in layers not exceeding 0.15mtr in depth including ramming, compacting, each layers properly by means of vibrator or rammer including watering and curing concrete for required period excluding form-work but, including cost, conveyance, royalty and taxes of all materials, labour charges, T & P etc complete. as per specification and direction of the Engineer In-Charge but excluding GST. (Measurement will be taken for finished compacted section only).	cum	13.79	4213.04	58116.00
4	RCC M/20 using 20mm and down graded crusher broken hard granite coarse aggregate as per IS 456 & IS 516 including hoisting, lowering, laying concrete in layers not exceeding 0.15mtr in depth and compacting each layer by using vibrators, watering, curing for required period including finishing the exposed surface smooth providing grooves, beads whether necessary including cost, conveyance, royalty & taxes of all materials, labour charges, T&P excluding the cost of MS rod, centering and shuttering etc. complete in all respect as per specification & direction of Engineer-in-charge but excluding GST.				
	a) Ground Floor				
	i) Column Base :-	Cum	18.79	4840.13	90945.00
	ii) Column	Cum	6.27	11974.35	75041.00
	iii) Plinth band	Cum	5.13	5198.20	26680.00
	iv) Wall beam	Cum	8.03	10516.81	84447.00
	v) Lintel	Cum	2.32	8452.25	19590.00
	vi) Roof slab	Cum	22.70	8966.06	203523.00
	vii) Chhaja	Cum	11.16	763.65	8522.00
	viii) Stair case	Cum	1.40	8538.12	11911.00
	a) First Floor				
	i) Column :-	Cum	2.73	13514.83	36928.00
	ii) Beam	Cum	4.00	11765.79	47103.00
	iii) Lintel	Cum	1.32	9288.32	12215.00
	vi) Roof slab	Cum	11.96	9904.88	118462.00
	vii) Chhaja	Cum	5.52	862.98	4761.00
	viii) Stair case	Cum	1.49	9391.36	14031.00
5	cutting, bending, binding and tying the MS Rods and placing in position including cost, conveyance, royalty & taxes of all materials including cost of binding wire 18 to 20 guage, labour charges, T&P etc. complete as per specification & direction of Engineer-in-Charg but excluding GST but excluding GST.				
	a) Ground Floor	Qntl	68.78	7824.30	538122.00
	b) 1st Floor	Qntl	25.17	7847.71	197520.00

6	Fly ash Brick Masonry of 23cm X 11cm X 8cm size having crushing strength not less than 75 Kg/cm <sup>2</sup> with dimensional tolerance $\pm$ 8 percent in cement mortar (1:6) including soaking bricks in water for required period, laying bricks in layer after applying cement mortar of required thickness including racking out joint and curing for required period including cost, conveyance, royalty and taxes of all materials, labour charges, T&P, scaffolding etc. complete as per specification and direction of the Engineer-in-Charge but excluding GST.				
	A) Super Structure				
	i) Ground Floor	cum	37.39	4493.41	168009.00
	ii) First Floor	Cum	22.13	4755.68	105235.00
7	12mm thick cement plaster in cement mortar (1:6) in brick works including racking out the joints, removing oily substances, bromming and providing cement plaster including watering, curing for required period including cost, conveyance, royalty & taxes of all materials, labour charges, T&P etc. complete as per specification & direction of Engineer-in-charge but excluding GST.				
	a) Ground Floor	Sqm	149.24	138.47	20666.00
	b) 1st Floor	Sqm	85.52	141.73	12121.00
8	16mm thick cement plaster in cement mortar (1:6) in brick works including racking out the joints, removing oily substances, bromming and providing cement plaster including watering, curing for required period including cost, conveyance, royalty & taxes of all materials, labour charges, T&P etc. complete as per specification & direction of Engineer-in-charge but excluding GST.				
	a) Ground Floor	Sqm	356.42	197.24	70299.00
	b) 1st Floor	Sqm	363.31	202.09	73422.00
9	Randum rubble H.G stone masonry in cement mortar (1:6) in foundaiton & plinth including racking out the joints, removing oily substances, bromming and providing cement plaster including watering, curing for required period including cost, conveyance, royalty & taxes of all materials, labour charges, T&P etc. complete as per specification & direction of Engineer-in-charge but excluding GST.	Cum	27.16	3319.92	90197.00
10	Finishing wall surface with Acrylic wall putty (water based) of approved make, finished smooth to receive painting including cost of scaffolding staging charges including cost, conveyance, royalty and taxes of all materials, Labour charges, T&P etc complete as per specification and direction of Engineer in charge but excluding GST.				
	a) Ground Floor	Sqm	678.23	92.89	63001.00
	b) 1st Floor	Sqm	536.24	95.09	50991.00
11	Providing wall painting two coats with any approved weather seal coat (ISI) paint including cost, conveyance, royalty and taxes of all materials, Labour charges, T&P etc complete as per specification and direction of Engineer in charge but excluding GST.				
	a) Ground Floor	Sqm	149.24	148.97	22233.00
	a) 1st Floor	Sqm	85.52	153.06	13090.00
12	Wall painting two coats with plastic emulsion paint of approve shade including all cost etc complete				
	a) Ground Floor	Sqm	528.99	88.14	46625.00
	b) 1st Floor	Sqm	252.56	90.74	22917.00
13	Painting two coats with any approved paint over a coat of primer on a new wood / iron work including cost, conveyance, royalty and taxes of all materials, Labour charges, T&P etc complete as per specification and direction of Engineer in charge but excluding GST.	Sqm	6.08	198.98	1209.00
14	Providing, fitting and fixing of 600mm x 600mm size vertified tiles (avg. 6mm thick) in floors, treads of steps and landing over 25mm thick bed of cement mortar (1:1) jointed with neat cement slury mixed with pigments to match the shade of the tiles, filling the joints with white cement including rubbing and polishing including cost, conveyance, royalty & taxes of all materials, labour charges, T&P as per specification & direction of Engineer-in-charge but excluding GST.				
	a) Ground Floor	Sqm	177.84	861.81	153268.00

	b) 1st Floor	Sqm	87.15	1090.00	94994.00
15	Providing, fitting and fixing vertified tiles in dadoes and landing over 12 mm thick bed of cement mortar (1:3) jointed with neat cement slury mixed with pigments to match the shade of the tiles, filling the joints with white cement including rubbing and polishing including cost, conveyance, royalty & taxes of all materials, labour charges, T&P as per specification & direction of Engineer-in-charge but excluding GST.				
	a) Ground Floor	Sqm	95.28	1366.06	130158.00
	b) 1st Floor	Sqm	6.14	1404.65	8630.00
16	Providing, fitting and fixing granites tile in floors 20mm thick cement mortar (1:4) jointed with neat cement slury mixed with pigments to match the shade of the tiles, filling the joints with white cement including rubbing and polishing including cost, conveyance, royalty & taxes of all materials, labour charges, T&P as per specification & direction of Engineer-in-charge but excluding GST.	Sqm	11.58	2476.27	28675.00
17	Fixing granite tiles in dados with 12 mm thick cement plaster ( 1:3) jointed with neat cement slurry mixed with pigments to match the shade of tiles including rubbing and polishing including cost, conveyance, royalty & taxes of all materials, labour charges, T&P as per specification & direction of Engineer-in-charge but excluding GST.				
	a) Ground Floor	Sqm	4.52	2238.02	10105.00
18	Providing fitting and fixing of M/S grill, doors, windows made with 12mm square bar including cost, carriage and taxes etc complete				
	a) Ground Floor	Sqm	272.25	75.00	20419.00
	b) 1st Floor	Sqm	182.25	75.00	13669.00
19	Providing fitting & fixing of windows ( sliding type ) made up aluminium section 9778, as window frame section no. 4095, 4096 & 9777, 3994 as shutter with 5mm thick glasses as panel fitted with rubber beading including locking arrangement				
	a) Ground Floor	Sqm	10.08	5931.03	59785.00
	b) 1st Floor	Sqm	6.89	5931.03	40835.00
20	Providing fitting & fixing of Aluminium door ( inside openable) with OEL anodized Al. door section of 9202 as vertical member, 9201 as top member and 9200 as bottom & middle member & 6mm plain glass in top portion with 12 mm thick pre-laminated board in bottom portion fixed in door frame by means of tapered clip no. 4660 and the frame to be completed by means jointing angle no. 1855 including cost, conveyance, royalty and taxes of all materials, Labour charges, T&P etc complete as per specification and direction of Engineer in charge but excluding GST.				
	a) Ground Floor	Sqm	7.56	7321.21	55348.00
	b) 1st Floor	Sqm	2.52	7321.21	18449.00
21	Providing fitting & fixing of stainless steel of Grade 304 in Hand rail using 50mm dia 2mm thick circular pipes with balustered of 32 32 2mm in three rows etc including cost carriage and taxes etc complete				
	a) Ground Floor	Rmt	6.00	2977.68	17866.00
<b>Total</b>					<b>3015478.00</b>
<b>(Rupees Thirty lakh Fifteen thousand four hundred Seventy Eight )only</b>					

My quoted rate is at current schedule of Rate \_\_\_\_\_ % less / excess than estimated cost

Approved for 21 ( Twenty one ) items only amounting to Rs. 3015478.00 (Rupees Thirty lakh Fifteen thousand four hundred seventy Eight) only

Signature of issuing Authority

**Approved**

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Junior Engineer,  
Junagarh Block

Asst. Engineer,  
Junagarh Block

Block Development Officer,  
JunagarhBlock