

গুসকরা মহাবিদ্যালয়

পোঃ গুসকরা, জেলা - পূর্ব বর্ধমান

গুসকরা মহাবিদ্যালয়ের Truss Construction, Paver Block ও আলমারী ক্রয় এবং বেঞ্চ তৈরীর কাঠ ও বিল্ডিং সামগ্রী ও অন্যান্য ক্রয়ের জন্য উপযুক্ত যোগ্যতাসম্পন্ন ব্যক্তি/সংস্থার নিকট দরপত্র আহ্বান করা হচ্ছে। দরপত্র জমা দেওয়ার শেষ তারিখ - ০৯.০৫.২০২২। দরপত্র সংক্রান্ত তথ্যের জন্য কলেজের ওয়েবসাইট দেখুন : www.gushkaramahavidyalaya.ac.in



স্বাক্ষরিত
অধ্যক্ষ

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Name of Work :- Estimate for trust over class room at 2nd floor of Tarashankar Block at Guskara Mahavidyalaya under Guskara Municipality, P.S.- Ausgram, Dist- Purba Bardhaman. (Prepared on the basis of W.B.P.W.D. Building Schedule).

Description of Items		Quantity	Unit	Rate (Rs)	Amount (Rs)
1) Page - 100 , Item --2(i)					
M.S. structural works in roof trusses with tubular sections conforming to IS: 806-1968 & IS: 1161- 1998 connected to one another with bracket, gusset cleats as per design, direction of Engineer-in-charge complete including cutting to requisite size, fabrication with necessary metal arc welding conforming to IS: 816-1969 & IS: 9595 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection allcomplete.					
The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc. Payment to be made on the basis of calculated weight of structural tubular memebrs as specified in relevent IS code in finished work. Payment for gusset, bracket, cleat may be made by adding the actual weight of such items with weight of finished structural members. The rates are considered for a height of erection 8 m. / 2nd floor level from the ground. Add 1.5 % extra over the rate for each additional floor or 4m. beyond the initial 8 m. or part thereof.					
i) For trusses spanning up to 12.00 m					
Part	49.00 x (0.72 x 0.72 x 3.20) x 6.70 =	328.30	kg		
	158.53 x (60 x 60 x 2.80) x 5.95 =	943.25	kg		
	195.10 x (25 x 25 x 2.60) x 1.69 =	329.719	kg		
parlin	304.00 x (38 x 38 x 2.60) x 2.73 =	829.920	kg		
	128.00 x (38 x 38 x 2.60) x 2.73 =	349.440	kg		
Angle	12.00 x (40 x 40 x 5.00) x 3.00 =	36.000	kg		
		2816.633	kg		
		2.817	M.T.	59468	167521.00
2) Page - 82, Item --14(i)(a)					
Supplying, fitting & fixing Zn-Al alloy (55% Al & 45% Zn) coating of 150 grams per sq. metre (followed by colour coated on both side) steel sheet work having minimum yield strength of 550 Mpa of trapizoidal profile of approved make (excluding the supporting frame work) fitted and fixed with 55 mm & 25 mm self tapping screw, EPDM Washer 16 mm dia & 3 mm th. washer etc. complete with 150 mm end lap and one corrugation minimum side lap. (Payment to be madeon area of finished work).					
(i) In Roof:-					
a) With 0.5 mm thick sheet					
	2.00 x 27.50 x 3.65 =	200.75	sqm		
	73.00 x 1.00 =	73.00	sqm		
		273.75	sqm	273.75 qrm	896.00 245280.00
3) Page - 102, Item -- 6(i)(a)					
Holding down bolt with nut including 100 x 100 x 6 mm plate washer at bottom fitted complete and packing the hole with cement concrete or cement gROUT as directed.					
(i) 16 mm dia bolt					
(a) 300 mm long					
		30	nos.	30.00 nos. each	86.00 2580.00
4) Page -84 , Item --18(A)(a)					
Aluminium sheet ridging fitted with self tapping screws, EPDM washers etc complete.(Minimum 225mm end lapping).					
(A) 300 mm lapping each way					
(a) With 0.71 mm sheet					
		28.00	M.T.	28.00 M.T.	396.00 11088.00
5) Page - 202 , Item --9(b)					
Painting with oil type wood preservative of approved brand & make.					
(b) Two coats					
		80	sqm	80.00 sqm	55.00 4400.00
					430869.00
					G.S.T @ 12%
					51704.00
					482573.00
					Labour welfare cess 1%
					4826.00
					487399.00

Handwritten notes: "rates are as per PWD schedule of rates", "11/11/2027", "Pritam Choudhury", "B.E.(Civil)", "University Engineer", "The University of Burdwan", "BURDWAN".

(Pritam Choudhury) B.E.(Civil)

Labour welfare cess 1%

University Engineer The University of Burdwan BURDWAN

Estimate for Laying of paver block in the approach road of Guskara Mahavidyalaya, Guskara, Purba Bardhaman.

1. Estimate is also prepared following PWD Schedule of rates for Building Works with effect from 01/11/2017

Sl. No	Description of Items	Nos	length (m)	width (m)	height (m)	Quantity	Unit	Rate Rs	Amount Rs.
1	(A) Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand (payment to be made on measurement of finished quantity)								
	(B) Do - by fine sand	1	24.00	3.90	0.075	7.02	% Cum		
		1	24.00	4.50	0.075	8.10	% Cum		
		1	25.50	1.80	0.075	3.44	% Cum		
		1	10.50	3.00	0.075	2.36	% Cum		
	total					20.93	% Cum	56872.00	Rs. 11,900.47
2 Page-59sl. No-40	Supplying & laying interlocking designer paver block of any shade and of approved quality as per IS: 1237-1980 laid in pattern as directed in pavement, footpath, driveway, etc including necessary underlay complete in all respect with all labour and material [Border concrete if necessary to be paid separately].								
	a) 25 mm thick Block (over 25 mm thick (Avg) Cement mortar (1:3) & Cement Slurry @ 4.4 kg/Sq.m at back side of Block. Cement for Mortar & Slurry to be supplied by Department).								
	(b) 40 mm thick block (over 150 mm medium sand bed including cost of sand but excluding cost of earthwork in excavation or dismantling of existing hard surface if necessary)								
	(ii) Coloured Decorative	1	24.00	3.90		93.60	sq.mtr.		
		1	24.00	4.50		108.00	sq.mtr.		
		1	25.50	1.80		45.90	sq.mtr.		
		1	10.50	3.00		31.50	sq.mtr.		
	total					279.00	sq.mtr.	1049.00	Rs. 292,671.00
	total								Rs. 304,571.47
	ADD 12% GST								Rs. 36,120.52
	SUB TOTAL								Rs. 339,691.99
	ADD 1% CESS								Rs. 3,396.92
	GRAND TOTAL								Rs. 343,088.91
	SAY								Rs. 343,089.00
	Rupees Three Lac Forty Three Thousand Eighty Nine Only.								

Prepared By:-

Manas Sadhu
Manas Sadhu, B.E.(Civil)
Guskara:Pura Bardhaman

Manas Sadhu, B.E. (Civil)
Regn. No. 191/4595 (N.B. Civil)
Regn. No. 191/4595 (N.B. Civil)

OFFICE ALMIRAH

MATERIAL

Material	M.S sheet conforming to commer
Material of Almirah Doors	perforated MS sheet
Sheet Thickness of door	1.2mm
Sheet Thickness of sides,back , Top and Bottom	1.2 mm
Sheet Thickness of Shelves	1.2 mm
Sheet Thickness of Pedestal in mm	1.2 mm
Material of Lock	Brass and steel finish
Material of Keys	steel

GENERIC

Conformity to Indian Standard IS:3312 latest	Yes
No of shelves (Nos)	5
Type of Shelves	Fixed
Locker Provided	No
Locking System with the locker	NA
Cloth hanging provision in the Almirah	No
Number of Doors (Nos)	2
Door Stiffner upto full door height Provided with the almirah doors	Yes
Number of Hinges with each door (Nos) - No hinges if having sliding door with top hanging arrangement	3
Number of Glass Sheet fixed in each Almirah door (Nos)	N.A
Construction	Welded
Lock	Three Way bolting device controll

DIMENSION

Height (Without Pedestal) (in mm) (+/- 10 mm)	1855
Width (+/- 7 mm)	965 millimeter
Depth (+/- 5 mm)	508 millimeter
Inside Height of Locker (+/- 5 mm)	N.A
Inside Width of Locker (+/- 5 mm)	N.A
Inside Depth of Locker (+/- 5 mm)	N.A
Width of Stiffner (+/- 5 mm)	N.A
Thickness of MS Sheet of Stiffner	0.8 mm
Stiffened Pedestal height in mm (± 2 mm)	125
Pedestal Width in mm (± 2 mm)	80

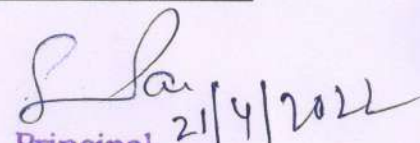
COLOUR & FINISH

Finish	powder coated by Heat Chamber
Colour of Paint	steel gray
Packing	Five Ply Corrugated Board And Str

Building Materials

Items	Description
Titles	a) (i) Paver Block 2x2 ft., (ii) Floor Tiles 2x2 Ft. (Matt Finish, Ceramic)
	b) Black Granite
	c) Wall Tiles (Matt Finish, Thickness 5-10mm Ceramic)
Wood	a) (i) Siliguri Sal, (ii) M. Sal
	b) Aam (Mango)
	c) Chakalda
	d) Sonajhuri
Paint	a) Wall Putty
	b) Golden Brown (Wood paint)
	c) Golden Brown (Wood paint)
	d) Exterior Weather Coat
	e) Exterior Wall Primer
	f) Wood Primer
Building, Plumbing & Misc. Materials	a) Iron Grill for Outer Wall of the College
	b) Oil Paint for Grill etc.
	c) Carogate Sheet for Generator Shed
	d) Iron angel and other iron spares for Generator shed
	e) Bricks (No.1)/1000 pcs.
	f) Sand (Course)
	g) Stone chips 1/2", 5/8"
	h) Iron Rod – 6mm, 8mm, 12mm
	i) Cement
	j) Distemper paint for Guest House with White Primer
	k) Pipeline materials - Clamps, Hooks, Waste pipes etc.
	l) Pillar cocks
	m) Bib cocks
	n) PVC pipe (1/2", 1", 1.5", 2.5" & 3") with L & T
	o) Sink
	p) Valve
q) 1000 Liter 4 layer Tank	
r) Security Razor Wire / Kata Tar	




 Principal 21/4/2022
 Gushikara Mahavidyalaya