

# Surya SenMahavidyalaya

A Multi-stream Govt. Aided College & Recognised by UGC (11) & 12(B) and NAAC Accredited

Dr. P.K.Mishra  
Principal



ESTD 1998  
ISO 9001:2015

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Tender NOTICE No. SSM/T/ NB/ T-2/ 06 / 2022 Dt. 03/03/2022

Sealed tenders are invited from the experienced and reputed vendors for the following work at the Surya Sen Mahavidyalaya. The details of the construction and materials to be used are attached herewith.

**Name of the Work: Construction of Second Floor of Toilet Block ( N Block- Commerce Building)**

**The maximum Value of the work : Rs. 4, 95,000/- ( Rupees Four Lacs Ninety Five Thousands).**

The interested vendor is requested to visit the department in any working day for detailed of the work before the scheduled work . The details proposal with a non-refundable tender fee of Rs. 500/- ( Rupees Five Hundred) payable online through on line payment portal available at our college website homepage [www.suryasencollege.org.in](http://www.suryasencollege.org.in) towards tender fee, filling up the details as required.

The Last date of submission of proposal / tender papers with all supporting documents is **11/03/2022 (5Pm)**.

The authority keeps the right to cancel this notice without assigning any reason thereof.

(Principal)

## SECOND FLOOR

*Description of Items*

*Qty. Unit*

1 Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes

(i) River Bazree

1	3.00	0.40	0.40	=	1.44 Cum.
1	15.00	0.30	0.45	=	2.03 Cum.
1	9.00	3.00	0.13	=	3.38 Cum.
1	15.00	0.15	0.13	=	0.28 Cum.
4	0.75	0.40	0.08	=	0.09 Cum.
					7.22 Cum.

7.22 Cum.

2 Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction.

7.22	2.00%	7850	=	1133.54 Kg	
					1.13 MT

1.13 MT

3 Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor)

1	4	3.00	0.400	=	14.40 Sqm.
1	2	15.00	0.450	=	13.50 Sqm.
1	1	9.00	3.000	=	27.00 Sqm.
1	1	15.00	0.125	=	1.88 Sqm.
					56.78 Sqm.

56.78 Sqm.

4 125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor.

1	9.00	3.300	=	29.70 Sqm.	
2	3.00	3.300	=	19.80 Sqm.	
1	2.50	3.300	=	8.25 Sqm.	
4	1.20	3.300	=	15.84 Sqm.	
4	2	1.20	2.000	=	19.20 Sqm.
		1.5.	=	15.00 Sqm.	
				TOTAL =	107.79 Sqm.

11.5 1 2.00 0.750 = 4.50 Sqm.

103.29 Sqm. 103.29 Sqm.

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## SECOND FLOOR

### Description of Items

Qty.    Unit

5 Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (Ground floor).[Excluding cost of chipping over concrete surface]

(ii) With 1:4 cement mortar .....(b) 15 mm thick plaster

<u>INSIDE</u>	2	9.000	3.300	=	59.40 Sqm.	
	1	15.000	3.500	=	52.50 Sqm.	
	2	4	3.300	=	10.56 Sqm.	
	2	4	1.200	=	31.68 Sqm.	
	4	4	1.200	=	38.40 Sqm.	
		2	3.00	=	19.80 Sqm.	
				<u>TOTAL =</u>	<u>212.34 Sqm.</u>	
<u>LESS</u>	3	2.00	0.750	=	-4.50 Sqm.	
					<u>207.84 Sqm.</u>	207.84 Sqm.

6 Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (Ground floor).[Excluding cost of chipping over concrete surface]

(ii) With 1:4 cement mortar .....(b) 15 mm thick plaster

<u>OUTSIDE</u>	1	9.000	3.420	=	30.78 Sqm.	
	2	3.000	3.420	=	20.52 Sqm.	
					<u>51.30 Sqm.</u>	51.30 Sqm.

7 Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work & 4 nos. of key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc.

(B) Wall

With Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m


(b) Area of each tile above 0.09 Sq.m...(i) Coloured decorative

1	54.400	2.000	=	108.80 Sqm.	108.80 Sqm.
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## SECOND FLOOR

<u>Description of Items</u>	<u>Qty.</u>	<u>Unit</u>	
<p>8 Supplying, fitting &amp; fixing factory made foam PVC (density shall not be less than 600 kg/cum) door frame (finished weight of 2.73 kg/mtr.) of size 100mm X 45mm made off with 5mm thick extruded foam PVC sheet, mitre cut at junction of horizontal and vertical member and joined them by heat welding. Entire door frame profiles to be reinforced with steel primer coated 19 SWG 40mm X 20mm M.S. tube. An additional 5mm thick PVC sheet with desired colour/shade to be provided at the exposed surface and three nos 5mm thick PVC sheet to be provided as gap insert. The door frame to be fixed with wall by using 8mm dia. and 100mm long stainless steel screws and PVC fasteners. A minimum of 4 nos. screws to be provided for each vertical</p>	8	5.000	= 40.00 mt.
<p>9 Supplying, fitting &amp; fixing factory made solid panel foam PVC (density shall not be less than 600 kg/cum) door shutter consisting of 19 SWG thick M.S. tube of size 40mm X 20mm for styles and top, lock &amp; bottom rail and welded together to form outer framework including a coat of approved make steel primer. M.S. frame shall be covered with 5mm thick heat moulded PVC channel to form 30mm X 100mm styles and 5mm thick PVC sheet on either side of panel to form 30mm X 125mm top, lock &amp; bottom rail where 15mm (5mm X 3) thick and 20mm wide PVC sheet to be provide as gap insert for top &amp; bottom rail. For panel 10mm PVC sheet to be fitted with stiles &amp; rails with 30mm X 5mm PVC sheet beading on either side of panel and additional</p>	8	2.000	0.750 = 12.00 Sqm.
<p>10 Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame exluding cost of concrete, Iron Butt Hinges and M.S clamps. (The quantum should be correted upto three decimals).</p> <p>(c) Sal : Siliguri.</p>	1	5.00	0.13 0.065 = 0.04 Cum.
<p>11 Supplying solid flush type doors of deluxe decorative (both side) quality, conforming to I:S 2202 timber frame consisting of top and bottom rail and side styles of well seasoned timber 65mm wide each and the entire frame fitted with 27.5mm wide battens places both ways in order to made the door of solid core and internal lipping with teak, mahogany or rose wood approved decorative veneers using phenol formaldehyde as glue etc. complete, including fitting, fixing the shutters in position but excluding the cost of hinges and other fittings in ground floor:</p> <p>(a) 35mm thick shutters (single leaf)</p>	1	2.000	1.000 = 2.00 Sqm.

  
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## SECOND FLOOR

		<u>Description of Items</u>			<u>Qty</u>	<u>Unit</u>			
	d.								
8		Supplying, fitting & fixing factory made foam PVC (density shall not be less than 600 kg/cum) door frame (finished weight of 2.73 kg/mtr.) of size 100mm X 45mm made off with 5mm thick extruded foam PVC sheet, mitre cut at junction of horizontal and vertical member and joined them by heat welding. Entire door frame profiles to be reinforced with steel primer coated 19 SWG 40mm X 20mm M.S. tube. An additional 5mm thick PVC sheet with desired colour/shade to be provided at the exposed surface and three nos 5mm thick PVC sheet to be provided as gap insert. The door frame to be fixed with wall by using 8mm dia. and 100mm long stainless steel screws and PVC fasteners. A minimum of 4 nos. screws to be provided for each vertical	8	5.000	=	40.00 mt.	40.00 mt		
9		Supplying, fitting & fixing factory made solid panel foam PVC (density shall not be less than 600 kg/cum) door shutter consisting of 19 SWG thick M.S. tube of size 40mm X 20mm for styles and top, lock & bottom rail and welded together to form outer framework including a coat of approved make steel primer. M.S. frame shall be covered with 5mm thick heat moulded PVC channel to form 30mm X 100mm styles and 5mm thick PVC sheet on either side of panel to form 30mm X 125mm top, lock & bottom rail where 15mm (5mm X 3) thick and 20mm wide PVC sheet to be provide as gap insert for top & bottom rail. For panel 10mm PVC sheet to be fitted with stiles & rails with 30mm X 5mm PVC sheet beading on either side of panel and additional	8	2.000	0.750	=	12.00 Sqm.	12.00 Sqm.	
10		Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame excluding cost of concrete, Iron Butt Hinges and M.S clamps. (The quantum should be corrected upto three decimals). (c) Sal : Silliguri.	1	5.00	0.13	0.065	=	0.04 Cum.	0.04 Cum.
11		Supplying solid flush type doors of deluxe decorative (both side) quality, conforming to I:S 2202 timber frame consisting of top and bottom rail and side styles of well seasoned timber 65mm wide each and the entire frame fitted with 27.5mm wide battens places both ways in order to made the door of solid core and internal lipping with teak, mahogany or rose wood approved decorative veneers using phenol formaldehyde as glue etc. complete, including fitting, fixing the shutters in position but excluding the cost of hinges and other fittings in ground floor:  (a) 35mm thick shutters (single leaf)	1	2.000	1.000	=	2.00 Sqm.	2.00 Sqm.	

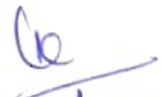
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## SECOND FLOOR

Description of Items

Qty.   Unit

<p>12 Supplying and laying true to line and level Double Charge Vitrified Tiles of approved brand conforming to IS 15622: 2006 (Group B I a) and tested as per IS 13630:2006 (relevant parts) [Non-modular sizes for tiles with Water Absorption (av.) ≤ 0.08 %] in floor, skirting etc. set in 20 mm thick sand cement mortar (1:4) bed prepared after application of slurry using 1.75Kg of cement per Sqm over the base and 2mm thick cement slurry using cement @ 2.91Kg./sqm at the back side of the tiles and laid over the mortar bed using 0.2 kg/sqm of White cement used for joint filling with approved pigment as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete</p>	<p>23.49 Sqm.</p>
<p>1   8.700   2.700   =</p>	<p>23.49 Sqm.</p>
<p>13 Anodised aluminium Aldrop / Sliding bolts of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 2681/66) fitted and fixed complete.</p>	
<p>(ii) 250mm x 19mm dia. bolt.</p>	<p>2 Each</p>
<p>2   =</p>	<p>2 Each</p>
<p>14 Anodised aluminium barrel / tower / socket bolt (full covered) of approved manufactured from extruded section conforming to I.S. 204/74 fitted and fixed with cadmium plated screws:</p>	
<p>(vi) 200mm long x 10mm dia. Bolt</p>	<p>32 Each</p>
<p>32   =</p>	<p>32 Each</p>
<p>15 Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark.</p>	
<p>(v) 75mm. X 60mm. X 3.15mm</p>	<p>36 Each</p>
<p>36   =</p>	<p>36 Each</p>
<p>(vii) 100mm. X 58mm. X 1.90mm.</p>	<p>8 Each</p>
<p>8   =</p>	<p>8 Each</p>
<p>16 Anodised aluminium D-type handle of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 230/72) fitted and fixed complete:</p>	
<p>(a) With continuous plate base (Hexagonal/ Round rod</p>	
<p>(vii) 150 mm grip x 12 mm dia rod.</p>	<p>32 Each</p>
<p>32   =</p>	<p>32 Each</p>
	<p>TO</p>

  
 07/03/22