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## **ABSTRACT ESTIMATE**

Work ID : 201920032299 Name of the Work : Furniture for Students and Staff

U-DISE Code : **28145200502** School Name : **MPPS UPPUDI** 

Estimate Amount (in Rs.) : 2,57,012/-

SI.No.	Description of Item	Quantity	Rate (in Rs.)	Unit	Amount (in Rs.)
1	Providing supplying and placing dual desk in class. The overall dimensions of desk will be W 1066mm x D 930mm x H 760/452mm having the following specifications. Side frame structure: Made of prime quality CRCA pressed from section 165mm x 25mm x 1mm thick welded to 25mm x 50mm x 1.2mm thick CRCA tube 890mm length. Seat and back side frame structure also made of prime quality CRCA pressed also made of prime quality CRCA pressed from section 165mm x 25mm x 1mm thick welded to 25.4mm diameter x 1.2mm thick all 8 nos. horizontal supports are 25mm x 25mm x 1.2mm thick shall be of CRCA tube 4 nos CRC tube size 20 x 20 x 1 mm thick insert for full height in Big pillar. Ractangular tube 50 x 25 x 1.2mm thick should be closed with PPCP cap both sides and pipe dia. 25.4 x 1.2mm thick should be closed with metal (Back Side) and other side (Under the seat) PPCP cap. Front panel cum tray shall be made of prime quality 0.8mm thick CRCA sheet of H 150mm x W 1012mm x D 300mm with middle partition and side stiffers of MS CRCA tube size 19mm x 19mm x 1mm thick. One vertical support (partition) of square tube size 25mm square x 1.2 mm thick must be provided at center of tray and front face must be embossed as per drawing. Additional front panel prime quality 0.8mm thick CRCA sheet size H 150mm x W 1012mm x D 21mm with square perforation. CRCA tube size 19 x 19 x 1mm thick to be inserted for full length at bottom of jali. Desktop, seat and back shall be made of IS:303, 18mm thick plywood of MR grade OSL (one side laminated and one side balancing) and three edges must be sealed with 2mm thick PVC edge banding tape with hot melt glue standard D4499 jowatherm -280 on through feed edge banding machine. Edge band must be trimmed on edges and corner. Sizes are below: 1. seat W 1066 mm x D 300mm 2. Desktop W 1008mm x D 380mm 3. Back 1066mm x D 300mm 4. One long edge of Desk top, seat and back shall be post formed with round edge. Hook made of MS wire dia. 5mm and size W 23mm, D 32mm and H80mm must be provided on inner side of vertical pr	20	6930.00	Nos	1,38,600
2	Head Master Table for Upper Primary/ High Schools (With computer provision) Three layer prelaminated particle board (Wood Product) of grade II type II of IS 12823 of Teak wood.	1	8800.00	Nos	8,800

3	Head Master Chair for Upper Primary/ High Schools Pedestal Base is with Chrome fnish with 5 wheels and arm material withProypylene and seat material is PU Foam covered with Fabric Material.	1	13701.00	Nos	13,701
4	Staff Room Tables Assembled and Ready to Use and one side Triple storage is provided The overall dimensions should be of size 1200mm X 600mm X 750mm. Table Top material is made of 25mm thickness Flat single layer MDF board of Grade SBG II andthickness ±3mm of IS 12406 Latest	2	8650.00	Nos	17,300
5	Almairahs (Steel) for HM Room, Staff room, Library room, Laboratory room, M.S sheet conforming to commercial quality CR- 1,Grade340 of IS 513:2008 (rea??rmed 2013)(Fifth Revision)Amdt. no.1 Sheet thickness of door in 0.8 mm (minimum)	2	7850.00	Nos	15,700
6	Stools (Stainless steel) for HM room, Staff room, Laboratory room, Library room, Without cushion and stool top is Round Material of Stainless Steel.	10	854.00	Nos	8,540
7	Teacher Chair in classroom, Library room, Laboratory room Seat and Backrest is Made of Polythene cane.	3	1050.00	Nos	3,150
8	Reading Table in Library room Table Top Material is 20 mm thick MDF Board of grade SBG II conforming to IS12406 laminated withminimum 0.6 mm thick on Top side oftype S, P or F having index 3.2.3conforming to IS 2046 andminimum 0.5 mm thick balancing laminate on the other side and one side single storage is provided and unde structure is with Mild Steel Square Section of outside side minimum 25 mmand wall thickness minimum 1.2 mm.	1	2600.00	Nos	2,600
9	Plastic Dust Bin large Royal -Drum 80 ltr. ( Dust bin or Garbage Binor Household Bin) (ROYAL WORLD) (From PLASTIC DUSTBIN ROYAL)	2	780.00	Nos	1,560
10	Plastic dust bin (NA) (waste paper basket) small	4	70.00	Nos	280
11	Provision for SEIGNIORAGE CHARGES @ 1.00%	1	0.00	Percentag e	0
12	Provision for PS Charges @ 3.00%	1	7449.62	Percentag e	7,450
13	Provision for Quality Control Charges @ 0.50%	1	1241.60	Percentag e	1,242
14	Provision for NAC Charges @ 0.1%	1	210.23	Percentag e	210
15	Provision for GST @ 12.00%	1	37879.42	Percentag e	37,879

Total	-	-		2,57,012
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## **DETAILED ESTIMATE**

Rate

in Rs.

Units

**Amount** 

in Rs.

Total

Quantity

Width Thickness

Work ID : 201920032299 Name of the Work : Furniture for Students and Staff

Number Length

U-DISE Code : 28145200502 School Name : MPPS UPPUDI

Estimate Amount (in Rs.) : 2,57,012/-

**Description of Item** 

Providing supplying and placing dual de					Qualitity							
	esk in class. The c	overall d	imensio	ns of desk v	vill be W 1	066mr	n x D 930m	m x H				
760/452mm having the following specifications. Side frame structure: Made of prime quality CRCA pressed from section												
165mm x 25mm x 1mm thick welded to					•	•						
structure also made of prime quality CR	-		-		-							
x 1mm thick welded to 25.4mm diamet												
shall be of CRCA tube 4 nos CRC tube size 20 x 20 x 1 mm thick insert for full height in Big pillar. Ractangular tube 50 x 25 x 1.2mm thick should be closed with PPCP cap both sides and pipe dia. 25.4 x 1.2mm thick should be closed with metal (Back												
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Side) and other side (Under the seat) Pi	-		-		-	-						
sheet of H 150mm x W 1012mm x D 300 1mm thick. One vertical support (partit		-										
tray and front face must be embossed a	•			•			•					
150mm x W 1012mm x D 21mm with so			-	-								
at bottom of jali. Desktop, seat and bac	•											
laminated and one side balancing) and			-			_	-					
glue standard D4499 jowatherm -280 o	_				_							
<del>-</del>	_	_	_	_				_				
			corner. Sizes are below: 1. seat W 1066 mm x D 300mm 2. Desktop W 1008mm x D 380mm 3. Back 1066mm x D150 mm 4.									
One long edge of Desk top, seat and back shall be post formed with round edge. Hook made of MS wire dia. 5mm and size W 23mm, D 32mm and H80mm must be provided on inner side of vertical pressed formaed steel section on both sides All												
W 23mm, D 32mm and H80mm must be	e provided on in			_								
	•	ner side	of vertic	al pressed	formaed st	teel se	ction on bo	th sides All				
MS, CRCA parts must be MIG, TIG or spe	ot welded as per	ner side	of vertic	al pressed	formaed st	teel se	ction on bo	th sides All				
MS, CRCA parts must be MIG, TIG or special coated in satin finish with pretreatments	ot welded as per	ner side	of vertic	al pressed	formaed statell compo	teel se	ction on bo	th sides All				
MS, CRCA parts must be MIG, TIG or special coated in satin finish with pretreatment Dual desks for students	ot welded as per t process.	ner side technic	of vertic al requir	al pressed ement All s	formaed state of the composition	teel se	ction on bo	th sides All				
MS, CRCA parts must be MIG, TIG or special coated in satin finish with pretreatment Dual desks for students  Total  Head Master Table for Upper Primary/	ot welded as per t process.  20  High Schools (W	ner side technic 0 ith comp	of vertic al requir	al pressed ement All s	formaed statell composite 20	nents Nos	ction on bot must be po	th sides All owder 1,38,600				
MS, CRCA parts must be MIG, TIG or special coated in satin finish with pretreatment Dual desks for students  Total  Head Master Table for Upper Primary/	ot welded as per t process.  20  High Schools (W	ner side technic 0 ith comp	of vertic al requir	al pressed ement All s	formaed statell composite 20	nents Nos	ction on bot must be po	th sides All owder 1,38,600				
MS, CRCA parts must be MIG, TIG or special coated in satin finish with pretreatment Dual desks for students  Total  Head Master Table for Upper Primary/ (Wood Product) of grade II type II of IS:	ot welded as per t process.  20  High Schools (W	ner side technic 0 ith comp	of vertic al requir	al pressed ement All s	formaed statell composite 20 20 ee layer p	nents Nos	ction on bot must be po	th sides All owder 1,38,600				
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MS, CRCA parts must be MIG, TIG or specoated in satin finish with pretreatment Dual desks for students  Total  Head Master Table for Upper Primary/ (Wood Product) of grade II type II of IS:  Head Master table  Total	t process.  20  High Schools (W 12823 of Teak w	ith compood.	of vertic al requir 0 outer pro	al pressed ement All s  O  ovision) Thr	formaed statell composite 20 20 ee layer posite 1 1	Nos Nos	6930 nated partic	1,38,600 cle board				
W 23mm, D 32mm and H80mm must be MS, CRCA parts must be MIG, TIG or specoated in satin finish with pretreatment Dual desks for students  Total  Head Master Table for Upper Primary/ (Wood Product) of grade II type II of IS:  Head Master table  Total  Head Master Chair for Upper Primary/ I with Proypylene and seat material is PL	ot welded as per t process.  20  High Schools (W 12823 of Teak w  1  High Schools Ped	ith compood.	of vertical requires of outer produced outer produc	al pressed ement All s  ovision) Thr	formaed statell composite 20 20 ee layer posite 1 1	Nos Nos	6930 nated partic	1,38,600 cle board				
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Total					1	Nos	13701	13,701
Staff Room Tables Assembled and Ready to U of size 1200mm X 600mm X 750mm. Table To SBG II andthickness ±3mm of IS 12406 Latest	p materia		-					
Staff Room Table	2	0	0	0	2			
Total					2	Nos	8650	17,300
Almairahs (Steel) for HM Room, Staff room, L CR- 1,Grade340 of IS 513:2008 (rea??rmed 20	-	-	-	-		_		• •
Almairahs	2	0	0	0	2			
Total					2	Nos	7850	15,700
Stools (Stainless steel) for HM room, Staff roo Material of Stainless Steel.	om, Labora	atory ro	om, Libra	ry room, V	/ithout cu	shion a	nd stool to	p is Round
Stools (Stainless steel)	10	0	0	0	10			
Total					10	Nos	854	8,540
Teacher Chair in classroom, Library room, Lab	oratory re	oom Sea	at and Ba	ckrest is M	ade of Pol	thene	cane.	
Teacher Chair	3	0	0	0	3			
Total					3	Nos	1050	3,150
laminated withminimum 0.6 mm thick on Tor	side oftv			oard of grades 3.2			_	
laminated withminimum 0.6 mm thick on Top 0.5 mm thick balancing laminate on the other Steel Square Section of outside side minimum	r side and	pe S, P o	or F havin e single st	g index 3.2 orage is pr	.3conform	ing to	S 2046 and	lminimum
0.5 mm thick balancing laminate on the other	r side and	pe S, P o	or F havin e single st	g index 3.2 orage is pr	.3conform	ing to	S 2046 and	lminimum
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O.5 mm thick balancing laminate on the other Steel Square Section of outside side minimum Reading Table in Library room  Total  Plastic Dust Bin large Royal -Drum 80 ltr. ( Du DUSTBIN ROYAL)  Plastic Dust Bin large  Total  Plastic dust bin (NA) (waste paper basket) sm	r side and n 25 mmai 1 ust bin or 0	pe S, P c one side nd wall t 0 Garbage	or F having single standard si	g index 3.2 corage is prominimum 2 0 cusehold Bio	.3conformovided and 1.2 mm. 1 1 1 1 1 2 2 2	Nos	2600 (From PL	lminimum s with Mild 2,600 ASTIC
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Total					1	Perce ntage	1241.6	1,242
Provision for NAC Charges @ 0.1%								
Total					1	Perce ntage	210.23	210
Provision for GST @ 12.00%								
Total					1	Perce ntage	37879.42	37,879

Signature of FE/AE/AEE Signature of Deputy Executive Engineer

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