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## **ABSTRACT ESTIMATE**

Work ID : 201920035014 Name of the Work : Furniture for Students and Staff

U-DISE Code : **28145200401** School Name : **MPPS BANTUMILLI** 

Estimate Amount (in Rs.) : 2,74,220/-

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	MS Racks for HM Room, Staff room, Library room, Laboratory room Material is with 0.8 mm Thick MS Sheet Conforming to Commercial Quality CR-1, Grade 340 of IS 513. size Rolled steel angle posts of 40 X 40 X 3 mm	1	3748.00	Nos	3,748
7	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
8	Teacher Table in classroom, Table Top Material is 18 mm thick prelaminated Particle Board (Not as per IS8126) Thickness (±2 mm). One side double storage is provided and pedastals (under structure) Mild Steel Square Section of outside side minimum 25 mm and wall thickness minimum 1.2 mm	2	3304.00	Nos	6,608
9	Teacher Chair in classroom, Library room, Laboratory room Seat and Backrest is Made of Polythene cane.	4	1050.00	Nos	4,200
10	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.	2	2600.00	Nos	5,200
11	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
12	Plastic dust bin (NA) (waste paper basket) small	5	70.00	Nos	350

13	Provision for SEIGNIORAGE CHARGES @ 1.00%	1	0.00	Percentag e	0
14	Provision for PS Charges @ 3.00%	1	7948.41	Percentag e	7,948
15	Provision for Quality Control Charges @ 0.50%	1	1324.73	Percentag e	1,325
16	Provision for NAC Charges @ 0.1%	1	224.31	Percentag e	224
17	Provision for GST @ 12.00%	1	40415.64	Percentag e	40,416
	Total	-	-		2,74,220

## **DETAILED ESTIMATE**

Total

Quantity

Width Thickness

Rate

in Rs.

Units

**Amount** 

in Rs.

Work ID : 201920035014 Name of the Work : Furniture for Students and Staff

U-DISE Code : 28145200401 School Name : MPPS BANTUMILLI

Number Length

Estimate Amount (in Rs.) : 2,74,220/-

**Description of Item** 

Providing supplying and placing dual desk in o					Qualitity							
	class. The	overall o	dimensio	ns of desk v	vill be W 1	066mn	n x D 930mı	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 25mm x 50mm x 1.2mm thick CRCA tube 890mm length. Seat and back side frame												
structure also made of prime quality CRCA pr			•	• •	•							
x 1mm thick welded to 25.4mm diameter x 1.												
shall be of CRCA tube 4 nos CRC tube size 20 >				•	• •		•					
1.2mm thick should be closed with PPCP cap								-				
Side) and other side (Under the seat) PPCP ca			-		-	•						
sheet of H 150mm x W 1012mm x D 300mm v		-										
1mm thick. One vertical support (partition) of	•			•			•					
tray and front face must be embossed as per	_		-	-								
150mm x W 1012mm x D 21mm with square pat bottom of jali. Desktop, seat and back shall	•											
laminated and one side balancing) and three			-			_	-					
glue standard D4499 jowatherm -280 on thro	_				_							
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			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												
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	ided on in	ner side	of vertic	al pressed	formaed s	teel se	ction on bot	th sides All				
W 23mm, D 32mm and H80mm must be prov	ided on in ded as pe	ner side	of vertic	al pressed	formaed s	teel se	ction on bot	th sides All				
W 23mm, D 32mm and H80mm must be prov MS, CRCA parts must be MIG, TIG or spot wel	ided on in ded as pe	ner side r technic	of vertic	cal pressed ement All s	formaed si	teel sec onents	ction on bot	th sides All				
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W 23mm, D 32mm and H80mm must be prov MS, CRCA parts must be MIG, TIG or spot well coated in satin finish with pretreatment procedual desks for students  Total  Head Master Table for Upper Primary/ High S (Wood Product) of grade II type II of IS 12823  Head Master table	ided on in ded as pe ess. 20 schools (W of Teak w	oner side r technic	of vertice of require 0 puter pro	ement All sovision) Thr	20 20 ee layer p	Nos relamir	6930 nated partic	1,38,600 Ele board				
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Total					1 N	os	13701	13,701
Staff Room Tables Assembled and Ready t of size 1200mm X 600mm X 750mm. Table SBG II andthickness ±3mm of IS 12406 Late	Top materia		-					
Staff Room Table	2	0	0	0	2			
Total					2 N	os	8650	17,300
Almairahs (Steel) for HM Room, Staff room CR- 1,Grade340 of IS 513:2008 (rea??rmed	•	-	-	-		_		
Almairahs	2	0	0	0	2			
Total					2 N	os	7850	15,700
MS Racks for HM Room, Staff room, Library to Commercial Quality CR-1, Grade 340 of I	•	-					S Sheet Cor	nforming
MS Racks for HM Room	1	0	0	0	1			
Total					1 N	os	3748	3,748
Stools (Stainless steel) for HM room, Staff i Material of Stainless Steel.	room, Labor	atory roo	om, Libra	ry room, W	ithout cush	ion an	d stool top	is Round
Stools (Stainless steel)	10	0	0	0	10			
Total					10 N	os	854	8,540
Teacher Table in classroom, Table Top Mar (±2 mm). One side double storage is provid minimum 25 mm and wall thickness minim	led and peda	astals (ur	nder struc	cture) Mild	le Board (No	ot as pe	er IS8126) 1	Thickness
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Teacher Table in classroom, Table Top Mar (±2 mm). One side double storage is provid minimum 25 mm and wall thickness minim Teacher Table  Total  Teacher Chair in classroom, Library room, Library room, Library room, Library room, Library room, Library room Table Top Marinated withminimum 0.6 mm thick on 10.5 mm thick balancing laminate on the oth Steel Square Section of outside side minim	Laboratory relaterial is 20 Top side ofty her side and	oom Sea	ot and Back MDF Boor F having single sthickness	ckrest is Ma  ckrest is Ma  oard of grace g index 3.2 orage is pro minimum 1	le Board (No Steel Square 2 2 N ade of Polyti 4 4 N de SBG II cor 3conformin	os hene conforming to IS unde st	3304 ane. 1050 ng to IS124	6,608 4,200 06 ninimum
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Teacher Table in classroom, Table Top Mar (±2 mm). One side double storage is provided minimum 25 mm and wall thickness minimed Teacher Table  Total  Teacher Chair in classroom, Library room, Librar	Laboratory relaterial is 20 Top side ofty her side and um 25 mma	oom Sea  omm thice spe S, P of one side and wall to the Garbage	o der struction of the and Back MDF Boor F having single struckness o Binor Ho	ckrest is Ma  ckrest is Ma  oard of grace g index 3.2 orage is pro minimum 1	le Board (No Steel Square 2 2 N ade of Polyti 4 A N de SBG II cor 3conformin ovided and u 1.2 mm. 2 N	os hene conforming to IS unde st	ane.  1050  ng to IS124 2046 andn tructure is v	6,608  4,200  06  ninimum with Mild

plastic dust bin small	5	0	0	0	5			
Total					5	Nos	70	350
Provision for SEIGNIORAGE CHARGES @ 1.009	%							
Total					1	Perce ntage	0	0
Provision for PS Charges @ 3.00%								
Total					1	Perce ntage	7948.41	7,948
Provision for Quality Control Charges @ 0.509	%							
Total					1	Perce ntage	1324.73	1,325
Provision for NAC Charges @ 0.1%								
Total					1	Perce ntage	224.31	224
Provision for GST @ 12.00%								
Total					1	Perce ntage	40415.64	40,416

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

syed fakeer GBV Ramesh