TS Register No: 2084/2019-2020 AS Register No:2185/2019-2020

Quantity

Remark

UP-GRADATION OF GOVT ITI CHENGANNUR ON PAR WITH INTERNATIONAL STANDARDS PHASE 1 REV 3 - ANNEXURE 1 : FURNITURE FOR MAIN BUILDING, HOSTEL AND UPGRADATION OF EXISTING CLASS ROOMS.

Detailed Estimate

(Dsor year: 2016, Cost Index Applied for this estimate is 48.71%)

Description

SI No

		1 IVI A	AIN BUILDIN	G FURNII	URE			
1	od127998/2019_2020 Supply, deliver and pla Executive Visitor Chair 5.1- 2002 Cl. No. 5,7,8, seat and the backrest a	, Tested by ,12,13,17 or	approved Bl	FMA stand equiremen	dard labora t. With Leat	tories confir therette Fini	ming to ANS sh Moulded	SI/BIFMA X Foam: The
	principal room	4	3 4	1 St			4.000	
	vp room	2		3/1	44		2.000	
	superintendent room	2	DE		138	4	2.000	
	cash	16/1		(5) X			1.000	
	library	2		01.5	00		2.000	
		thor En	ginoorin	a Orac	Tota	al Quantity	11.000 ea	ch
			gineerin	g Olgo To	tal Deducte	d Quantity	0.000 eac	h
			2 1		Net Tota	al Quantity	11.000 ea	ch
					,	/		
			Say 11.0	00 each @	® Rs 17498	.69 / each	Rs 192	2485.59
2	od128001/2019_2020 Supply, deliver and platequivalent JALARAM Maize: H-1980 × W-915 used in cupboard will be Proof of purchase of sconstruction with MIG was quality Cold Rolled Clofunctional requirements will be matching, easy Minimum 6 levers (Winshelving will be Heigh Capacity per each full sfixed full shelves with 1 not less than 50 micron	Multipurpose × D-485(mile PRIME quarter of the process of the doors to grip, sleet the duplicate of the dupl	ark registere e storage cab m) (H-78"×W uality CRCA a SAIL/Tata St ess. The mat d (CRCA) St is provided wi ek and elegan e keys) mech stable and S 40 Kg at leas All steel parts	d branded binet with 27-36"x D-1 as per IS 5 eel/Essar erial used eel (for do II be full hat. The Culanism with Shelf Mount. The cup is will be ep	d (JALARA) 2 adjustable 9") Materia 513 (1994,1 / Jindal. The for constructors and sheight steel upboard will the shooting nting. The board will he	M make- JS e shelves ar al Specificat 998) 'D' gra ne cupboar cting the cup elves 1.0 m hinged door I have a 3 w bolt arrang Uniformly D have 2 numb	SF 102 A) ond 1 full lock ions: The rade. OEM modern was been and should have been and some a	r approved ker. Overa aw materia ust enclose ave welded ald be prime parts as pe le provided Mechanism elving: The load (UDL

	library	2					2.000	
					Tota	al Quantity	4.000 ead	ch
	Total Deducted Quantity 0.000 each							ch
					Net Tota	al Quantity	4.000 ead	ch
			Say 4	4.000 each @	® Rs 17439	.92 / each	Rs 69	759.68
3	od128011/2019_2020 Supply, deliver and equivalent Sofa Set	place Trade	_		•		•	or appro
	waiting area	5					5.000	
					Tota	al Quantity	5.000 ead	ch
			B	Тс	tal Deducte	d Quantity	0.000 ead	ch
			-//		Net Tota	al Quantity	5.000 ead	ch
			Say 5	5.000 each @	D Rs 44038	.56 / each	Rs 22	0192.80
4	od128016/2019_2020 Supply, deliver and pequivalent Executive drawer, mounted on 72.5 (cm) Material independent locking 400 mm. One center	place Tradem table, both si telescopic ch Specification arrangement	de storage annel. Ove n: Two ped (cam lock)	ered branded unit of speci rall Size of d destals havi for each pe	d (JALARAN al size. 2 dr curvica top: ng 2 box d destal. Dra	M make-JEI awers cum W-180 × D drawers an wers shall h	filing drawe -90 cm ,He d 1 filing on have a clea	or appro r & a ce ight of ta drawer v
4	Supply, deliver and pequivalent Executive drawer, mounted on 72.5 (cm) Material independent locking	place Tradem table, both si telescopic chescopic chescop	de storage annel. Ove annel. Ove cam lock) og ~ 350 milk Pre‐ estals shall and thick Mile from 0.6 to be mount andles for earlies and 50 micro 2H, Adhes ensure goossed inside	ered branded unit of speci unit of speci rall Size of of destals havi for each pe m clear dept be a combin S sheet. Dra mm thick M. ted on double asy grip. Glid onal strength rons, Salt Spi ion as per D	d (JALARAM al size. 2 dr curvica top: ng 2 box of edestal. Dra th with inde board(PLB) nation of pro awer tray to S. sheet. PL le extension es screws for . Powder co pray test to IN 53152 So of life of the	M make-JEI rawers cum W-180 × D drawers an wers shall I pendent loc of TESA wi cessed woo be made to be made to a steel teles or leveling. S pating: Pow withstand tandards. Ti e coating. M	filing drawers -90 cm, He d 1 filing of have a cleated a cleated arrange of (PLB) and from 0.6 me copic ball so Stiffeners (1 der coating more than he powder of lodesty: Sh	or appror & a certight of tall are were to the continue of the
4	Supply, deliver and pequivalent Executive drawer, mounted on 72.5 (cm) Material independent locking 400 mm. One center top should be made of lipping. Under Structu (MS). Pedestal shell sheet. Drawer separato match the top colo full access to the draw is to be provided und with dry film thickness Pencil scratch hardness be of good quality (7 from 1.0 mm thick MS).	place Tradem table, both si telescopic chescopic chescop	de storage annel. Ove annel. Ove cam lock) og ~ 350 milk Pre‐ estals shall and thick Mile from 0.6 to be mount andles for earlies and 50 micro 2H, Adhes ensure goossed inside	ered branded unit of speci unit of speci rall Size of of destals havi for each pe m clear dept be a combin S sheet. Dra mm thick M. ted on double asy grip. Glid onal strength rons, Salt Spi ion as per D	d (JALARAM al size. 2 dr curvica top: ng 2 box of edestal. Dra th with inde board(PLB) nation of pro awer tray to S. sheet. PL le extension es screws for . Powder co pray test to IN 53152 So of life of the	M make-JEI rawers cum W-180 × D drawers an wers shall I pendent loc of TESA wi cessed woo be made to be made to a steel teles or leveling. S pating: Pow withstand tandards. Ti e coating. M	filing drawers -90 cm, He d 1 filing of have a cleated a cleated arrange of (PLB) and from 0.6 me copic ball so Stiffeners (1 der coating more than he powder of lodesty: Sh	or appror & a certight of tall depth of the certific property of the ce
4	Supply, deliver and pequivalent Executive drawer, mounted on 72.5 (cm) Material independent locking 400 mm. One center top should be made of lipping. Under Structu (MS). Pedestal shell sheet. Drawer separato match the top colo full access to the draw is to be provided und with dry film thickness Pencil scratch hardness be of good quality (7 from 1.0 mm thick MS (windows) for better personners.	blace Tradem table, both si telescopic che Specification arrangement drawer havir of 25 mm thick to be 0.80 nettor to be made ur. Drawers the top to be so not less the ses more than process) to be considered appears to be so not less the ses more than process) to be considered appears to be so not less the ses more than process) to be so. Panel receiphysical appears	de storage annel. Ove annel. Ove cam lock) og ~ 350 milk Pre‐ estals shall and thick Mile from 0.6 to be mount andles for earlies and 50 micro 2H, Adhes ensure goossed inside	ered branded unit of speci unit of speci rall Size of of destals havi for each pe m clear dept be a combin S sheet. Dra mm thick M. ted on double asy grip. Glid onal strength rons, Salt Spi ion as per D	d (JALARAM al size. 2 dr curvica top: ng 2 box of edestal. Dra th with inde board(PLB) nation of pro awer tray to S. sheet. PL le extension es screws for . Powder co pray test to IN 53152 So of life of the	M make-JEI rawers cum W-180 × D drawers an wers shall I pendent loc of TESA wi cessed woo be made to be made to a steel teles or leveling. S pating: Pow withstand tandards. Ti e coating. M	filing drawer -90 cm, He d 1 filing on the a clear change arrange th 2 mm this bod (PLB) and from 0.6 mm copic ball so Stiffeners (1 der coating more than the powder of the arrow of the arrow of the arrow of the powder of the arrow of the	or appror & a certight of tall dispenses of the conting second of the continuous second of the conti
4	Supply, deliver and pequivalent Executive drawer, mounted on 72.5 (cm) Material independent locking 400 mm. One center top should be made of lipping. Under Structu (MS). Pedestal shell sheet. Drawer separato match the top colo full access to the draw is to be provided und with dry film thickness Pencil scratch hardness be of good quality (7 from 1.0 mm thick MS (windows) for better petals.	blace Tradem table, both si telescopic che Specification arrangement drawer havir of 25 mm thick to be 0.80 neter to be made ur. Drawers twer. Sleek haver the top to as not less the ss more than process) to 6. Panel recephysical appears	de storage annel. Ove annel. Ove cam lock) og ~ 350 milk Pre‐ estals shall and thick Mile from 0.6 to be mount andles for earlies and 50 micro 2H, Adhes ensure goossed inside	ered branded unit of speci unit of speci rall Size of of destals havi for each pe m clear dept be a combin S sheet. Dra mm thick M. ted on double asy grip. Glid onal strength rons, Salt Spi ion as per D	d (JALARAM al size. 2 dr curvica top: ng 2 box of edestal. Dra th with inde board(PLB) nation of pro awer tray to S. sheet. PL le extension es screws for . Powder co pray test to IN 53152 S of life of the g room. Par	M make-JEI rawers cum W-180 × D drawers an wers shall I pendent loc of TESA wi cessed woo be made to be made to a steel teles or leveling. S pating: Pow withstand tandards. Ti e coating. M	filing drawer -90 cm ,He d 1 filing of ave a clear cking arrange th 2 mm this od (PLB) and from 0.6 mm conts (18 mm copic ball selffeners (1 der coating more than the powder of the desty: Shyled with cu	or appror & a certight of tall drawer variety of the depth of the dept
4	Supply, deliver and pequivalent Executive drawer, mounted on 72.5 (cm) Material independent locking 400 mm. One center top should be made of lipping. Under Structu (MS). Pedestal shell sheet. Drawer separato match the top colo full access to the draw is to be provided und with dry film thickness Pencil scratch hardness be of good quality (7 from 1.0 mm thick MS (windows) for better petals.	blace Tradem table, both si telescopic che Specification arrangement drawer havir of 25 mm thick to be 0.80 neter to be made ur. Drawers twer. Sleek haver the top to as not less the ss more than process) to 6. Panel recephysical appears	de storage annel. Ove annel. Ove cam lock) og ~ 350 milk Pre‐ estals shall and thick Mile from 0.6 to be mount andles for earlies and 50 micro 2H, Adhes ensure goossed inside	ered branded unit of speci rall Size of of destals havi for each per m clear dept it; laminated be a combinated be a combinated be a combinated be a combinated be a combinated in a specific of the solution of the rons, Salt Spainal strength rons, Salt Spainal strength rons, Salt Spainal strength rons as per D d adhesion be for more le	d (JALARAM al size. 2 dr curvica top: ng 2 box of edestal. Dra th with inde board(PLB) nation of pro awer tray to S. sheet. PL le extension es screws for . Powder co pray test to IN 53152 S of life of the g room. Par	M make-JEI awers cum W-180 x D drawers an wers shall it pendent loc of TESA wit cessed woo be made it B drawer fr a steel teles or leveling. S pating: Pow withstand tandards. The coating. M hel to be sty	filing drawer -90 cm ,He d 1 filing of ave a clear cking arrange th 2 mm this od (PLB) and from 0.6 mm conts (18 mm copic ball set of a coating more than the powder of the coating that cut are coating to a coating the powder of the coating that cut are coating to a coating that coating the coating that cut are coating to a coating that coating the coating that coating the coating that coating the coating that coating the coating that can be coating that can	or approor & a certight of tall drawer was repethed to the continue of the coating sall be match ach
4	Supply, deliver and pequivalent Executive drawer, mounted on 72.5 (cm) Material independent locking 400 mm. One center top should be made of lipping. Under Structu (MS). Pedestal shell sheet. Drawer separato match the top colo full access to the draw is to be provided und with dry film thickness Pencil scratch hardness be of good quality (7 from 1.0 mm thick MS (windows) for better petals.	blace Tradem table, both si telescopic che Specification arrangement drawer havir of 25 mm thick to be 0.80 neter to be made ur. Drawers twer. Sleek haver the top to as not less the ss more than process) to 6. Panel recephysical appears	de storage annel. Ove annel. Ove cam lock) og ~ 350 milk Pre‐ estals shall and thick Mile from 0.6 to be mount andles for earlies and 50 micro 2H, Adhes ensure goossed inside	ered branded unit of speci rall Size of of destals havi for each per m clear dept it; laminated be a combinated be a combinated be a combinated be a combinated be a combinated in a specific of the solution of the rons, Salt Spainal strength rons, Salt Spainal strength rons, Salt Spainal strength rons as per D d adhesion be for more le	d (JALARAM al size. 2 dr curvica top: ng 2 box of edestal. Dra th with independent of property to the extension es screws for Powder compay test to established for the groom. Paragraph of the groom of the groom.	M make-JEI awers cum W-180 x D drawers an wers shall it pendent loc of TESA wit cessed woo be made it B drawer fr a steel teles or leveling. S pating: Pow withstand tandards. The coating. M hel to be sty	filing drawer -90 cm ,He d 1 filing of ave a clear cking arrange th 2 mm this od (PLB) and from 0.6 mm onts (18 mm copic ball set of a coating more than the powder of the coating more than the powder of the coating arrange than the coating arrange than the coating arrange than the coating arrange that the coating arrange than the coating arrange	or appror & a ceright of tadrawer variety of the depth of

	Supply, deliver and particles angle rack (Construction Shelves: 36" x 18" (2 material used will be of purchase of steel for powder coated to the grade phosphating	Open type) O 22 swg. 6 nos PRIME quality from SAIL/Tat	verall size: a.) Corner p v CRCA as p a Steel/Ess	H-78" X Walate: 8 nos. per IS 513 (1 ar/ Jindal. F	-36" X D-18 Nuts & bolt 1994,1998) ' inishing: All	" Angle: 40 s: 64 nos. S D' grade. O steel parts	x 40 x 2 m Shoes: 4 no EM must en will be epox	nm (4 nos.) os. The raw close Proof by polyester
	For store	10					10.000	
					Tota	al Quantity	10.000 ea	ch
				То	tal Deducte	d Quantity	0.000 eac	h
	Net Total Quantity 10.000 each							
			Say 1	0.000 each	@ Rs 4964.	95 / each	Rs 49	649.50
	Supply, deliver and pequivalent Table for Material Description: TESA with 2mm PV 1.21mm thick. (18sw square tube 25x25m powder coated to the grade phosphating.	with 25 mm Main top 25m C edge band g) CRAC she nm of 18swg.	top, square m thick woo by hot me eet IS 513. Good quali	e tubular fra od based hig It glue proc Table frame ty PVC Sho	ame. Overa gh quality Pr ess for bea structure n es. All stee	Il size: W-1 e-laminated Iding all over nade up of parts shou	51 x D-90 x Particle Bo er edge. To prime qualit uld be epox	x H-75(cm) ard(PLB) of p frame of y MS ERW y polyester
	class room	Othe En	gineeri	ng Orga	anisatio	ns	24.000	
	GI room	4			7		4.000	
					Tota	al Quantity	28.000 ea	ch
				То	tal Deducte	d Quantity	0.000 eac	h
					Net Tota	al Quantity	28.000 ea	ch
			Say 2	28.000 each	@ Rs 8239.	55 / each	Rs 230	707.40
7	od128032/2019_2020 Supply,deliver and p Executive Visitor Net (cm) br>Frame struct thickness of ergonor average weight requirest, ultra violet test,g 	place Tradem t Chair, cture: Backres mic design to ired 400 to 49 flue test a	verall Size at made of Mayorid back on gms per ond color fast density of 50	(approx): Holesh and Section 2015 and Section 3. Merconstructure 3. Me	eat from hot me-plated was Tapestry waverage weing seat. Average	x D-63.5 (cr mould plywo Arm & Fram will be teste ght of 450 g age thic	m) Seat pood of minimal ne 'Tapestry d quality sugrams per sockness of for	Height: 48 num 12 mm r: Minimum ch as stain quare meter am not less
	Rubber				-		IIIe CDI > SI	loes: Nylon
	Rubber Class room	24					24.000	loes: Nylon

	staff room	28					28.000	
	ws	3					3.000	
					Tota	al Quantity	59.000 ea	ch
				То	tal Deducte	d Quantity	0.000 eac	h
					Net Tota	al Quantity	59.000 ea	ch
			Say 59	0.000 each @	Rs 13013	.71 / each	Rs 767	7808.89
	Supply deliver and Seater Desk Cun Students. (Curvica) of 25 mm Board (PLB)with Cedges. edges. frame tube of 19mn square ERW tube. 18swg. Perforated Cepolyester powder co	n Bench fitted rall size: H-76 thick wood ba 0.6mm laminat Main frame tubon, 16swg ERW CRCA sheet IS	d on tubul 60 × W-104 sed high qued with 2m e & Support round tube lick of 18swe 513.	ar frame was properties of the properties of 32nd and the 32nd and the properties of 32nd and the 32nd and th	vith perform (mm) ed (TESA) produced (TES	ated seat >Seat Heig bost formed t melt glue- ERW round ort of 25x2t eet IS 513. & cap. All s	and back ht: 460 mm Pre-lamina tor>process tube. 5x1.6mm (16 cteel parts w	for Sen Desk T ted Partices all ove Seat & Ba Sswg) thi Be Bucket Sill be epo
	and B grade phospl							
	class room	10*2	8.000				160.000	
	w/s	3	8.000	NI STATE			24.000	
		Other En	gineeri	ng Orga	anisa To ta	al Quantity	184.000 e	ach
		DI		To	tal Deducte	d Quantity	0.000 eac	h
					Net Tota	al Quantity	184.000 e	ach
			Say 18	34.000 each	@ Rs 8935	.65 / each	Rs 164	4159.60
9	od128038/2019_20: Supply and install J of seat and back fra density 52-58 kg/m mechanism - box ar centre, 90x8mm with powder coated, Me	asos brand JC- mes made with 3, Mechanism nd Nylon cast n th chemical bo	CR pipes, s as legs metal rollers, nding metho	Back cover wade of CR part with spring, and All seat	with PPCP to pipes with Fight of cl	ray, Up hols PU cup holo nair 97cm -	tory PU mol der arm rest 100cm @52	ded form push back cm cetre
	seminar hall	200					200.000	
					Tota	al Quantity	200.000 e	ach
				To	tal Deducte	d Quantity	0.000 eac	h
					Net Tota	al Quantity	200.000 e	ach
			Say 20	0.000 each	@ Rs 4875	.19 / each	Rs 975	5038.00
10								

Library reading cubical with top partition (Double side main unit + Add on unit)
 -br>Overall size: 1800W x 1200D x 760H mm

-br>Top partition: 1750W x 18D x 250H mm

-br>Material Description:

-br>• Main top of 18mm thick. Wood based high quality Pre-laminated particle board (PLB) of TESA with 2 mm PVC beading all over

br>edges.

 Top partition & side partition of 18mm thick. Pre-laminated particle board (PLB) of TESA with 0.5mm PVC beading all over edges fitted with U bracket.

 Vertical pillar of 1.2mm thick. (18swg) CRCA sheet IS 513.

br>• Cable cover of 0.9mm thick. (20swg) CRCA sheet IS 513.

- Leg frame & footrest of 50x25x1.2mm thick. (18swg) ERW rectangular MS tube (CRC).

- br>• Good quality adjustable stud.
 All steel parts should be epoxy polyester powder coated to the thickness not less than 50 microns finish after 10 tank anti-rust treatment and B grade phosphating (in house) & same will be demonstrated to the purchaser during pre-dispatch Inspection. library 4 4.000 **Total Quantity** 4.000 each **Total Deducted Quantity** 0.000 each 4.000 each **Net Total Quantity** Say 4.000 each @ Rs 24829.85 / each Rs 99319.40 11 od128043/2019 2020 Supply, deliver and place trademark registered branded (JALARAM make JSF 125(D)) OR Equivalent multipurpose expandable storage rack (Double Faced main Unit + Add on unit) in knock down design with 5 shelves making 6 compartments.

-br>Overall size: H-1980 x W-915 x D-535 mm • All steel parts will be epoxy polyester powder coated to the thickness not less than 50 microns finish after 10 tank antirust treatment and B grade phosphating (in house) & same will be demonstrated to the purchaser during pre-dispatch Inspection, 1 library 5.000 **Total Quantity** 5.000 each **Total Deducted Quantity** 0.000 each **Net Total Quantity** 5.000 each Say 5.000 each @ Rs 32987.65 / each Rs 164938.25 12 od128045/2019 2020 Supply, deliver and place trademark registered branded (JALARAM make JSF 125(S)) OR Equivalent multipurpose expandable storage rack (Single faced main unit + Add on Unit) in knock down design with Specifications:

 All steel parts will be epoxy polyester powder coated to the thickness not less than 50 microns finish after 10 tank anti-rust treatment and B grade phosphating (in house) & same will be demonstrated to the purchaser during pre-dispatch Inspection. 5 5.000 library Total Quantity 5.000 each **Total Deducted Quantity** 0.000 each **Net Total Quantity** 5.000 each Say 5.000 each @ Rs 22366.55 / each Rs 111832.75

13 od128048/2019_2020 Supply, deliver and place trademark registered branded (JALARAM Make-JEC 325 (C)) or approved equivalent Executive Low Back Revolving Chair, Tested by approved BIFMA standard laboratories confirming to ANSI/BIFMAX 5.1- 2002 Cl. No. 5,7,8,12,13,17 on functional requirement, advanced synchro til mechanism, back rest height adjustment, 3-D wrap around design, tilt lock mechanism, self regulating tilt tension adjustment, seat depth adjustment, high quality moulded foam, pneumatic height adjustment.Overall Size (approx): H:87-104 x W:70 x D:70(cm) Seat height: 44 to 54 (cm) Frame structure: Seat & back from hot mould plywood of minimum 12 mm thickness of ergonomic design. Seat Height adjustment and ergonomics: With Pneumatic gas lift with 300 N force Stroke length of 12.5 cm. Seat height will be adjustable and optimum Height is 44-54 cm. Under structure facility: Revolving, Tilting and Lateral smooth movement on twin wheel castors fixed on five pronged wide base of 65 cm to 75 cm D. 'Tapestry Minimum average weight required 400 to 490 gms per sq. mtr. Tapestry: Tapestry should be tested quality such as stain test, ultra violet test, glue test and color fastening with average weight of 450 grams per square meter. (All the stitches of seat and back boarder should be covered by plastic beading of black cover for elegant look. Cushioning: PU foam having density of 40 kg for back and 50 kgs/m3 for seat. Average thickness of foam not less than 50 mm + 10 mm Polly foam. Base: Tested High quality virgin material. Arm rest material: single piece round soft virgin quality PU handle reinforced within built steel rib. 30 library 30.000 **Total Quantity** 30.000 each **Total Deducted Quantity** 0.000 each **Net Total Quantity** 30.000 each Other Enginsay 30.000 each @ Rs 13339.947 each Rs 400198.20 14 od128051/2019 2020 Supply fabricate and install LGS or approved equivalent Make Conference table [36'W x 4' D] with Top/Vertical support legs are to be made of 25mm thk Particle board duly laminated with approved colour with 2mm thk. Matching PVC edgeband and modesty are 18mm thk prelamianted particle board with edgebanded finish. Set with 14 nos of LGS Make Conference Chairs Nylon Back With Imported Fire Retardant Mesh, Adjustable Arms With Soft P.U Pad, Nylon Base With Nylon Wheels, Synchro Tilt Single Locking, 100mm Gas Lift, PU Foam Seat With Desired Fabric. CONFERENCE 1 1.000 ROOM**Total Quantity** 1.000 each set **Total Deducted Quantity** 0.000 each set 1.000 each set **Net Total Quantity** Say 1.000 each set @ Rs 91758.50 / each set Rs 91758.50 SI No Quantity Remark Description No

2 HOSTEL BUILDING FURNITURE

1	od127994/2019_2 Supply,deliver an Executive Visitor (cm) br>Frame s thickness of ergo average weight re test, ultra violet te br>Cushioning: than 50 mm + 10 Rubber	nd place Trader Net Chair, structure: Backre nomic design to equired 400 to 4 est,glue test PU foam having	Overall Size st made of No avoid back 90 gms per and color fas density of 50	(approx): H Mesh and Se c pain. Chro sq. mtr. <b 0="" fo<="" kgs="" m3="" stening="" th="" with=""><th>-98 x W-58 eat from hot ome-plated r>Tapestry average we r seat. Aver</th><th>x D-63.5 (ci mould plyw Arm & Fran will be teste eight of 450 g rage br>thic</th><th>m) Sea ood of minir ne 'Tapestred quality sugrams per seckness of form</th><th>t Height: 48 mum 12 mm y: Minimum uch as stain quare meter eam not less</th>	-98 x W-58 eat from hot ome-plated r>Tapestry average we r seat. Aver	x D-63.5 (ci mould plyw Arm & Fran will be teste eight of 450 g rage br>thic	m) Sea ood of minir ne 'Tapestred quality sugrams per seckness of form	t Height: 48 mum 12 mm y: Minimum uch as stain quare meter eam not less
	ROOMS	68					68.000	
					Tot	al Quantity	68.000 ea	ach
			C	To	otal Deducte	ed Quantity	0.000 ead	ch
			-//W		Net Tot	al Quantity	68.000 ea	ach
			Say 68	3.000 each (@ Rs 13013	3.68 / each	Rs 88	4930.24
	Supply, deliver a equivalent wall si epoxy polyester putreatment and B	ide steel study toowder coated to	able. Overa	II size :H-64	4" × W-48"	× D-24" <br< th=""><th>r>All steel p</th><th>parts will be</th></br<>	r>All steel p	parts will be
	ROOMS	68 Other Er	20120021	ng Org	onicatio	210.0	68.000	
		Other Er	igilieeri	ng Oig	allisation	al Quantity	68.000 ea	ach
		$-\mathbf{P}$		To	otal Deducte	ed Quantity	0.000 ead	ch
					Net Tot	al Quantity	68.000 ea	ach
			Say 68	3.000 each (@ Rs 15344	1.58 / each	Rs 104	13431.44
3	od128000/2019_2 Supply, deliver a equivalent wardro hanging rods & 1 quality CRCA as SAIL/Tata Steel/I	ind place Trader bbe with 1 half lo- mirror. Overall per IS 513 (199- Essar/ Jindal. Fi	cker, 2 draw Size : H-78' 4,1998) 'D' nishing: All	vers, 1 half r " x W-40" x grade.OEM steel parts	removable position of the control of	partition, 2 full e raw mater ose Proof of xy polyeste	ıll adjustablı ial used wil purchase o r powder co	e shelves, 2 I be PRIME of steel from pated to the
	IN ROOMS	34					34.000	
		'	•		Tot	al Quantity	34.000 ea	ach
				To	otal Deducte	ed Quantity	0.000 ead	ch
					Net Tot	al Quantity	34.000 ea	ach
			Say 34	I.000 each (@ Rs 18961	.02 / each	Rs 64	4674.68
4	od128004/2019_2 Supply, deliver a		ered brande	ed (JALARA	.M make-JI	OT-706 A) c	or approved	l equivalent

canteen table for 6 persons Overall Size of the table:L-1600 x W-800 x H-750 mm Material Description: Main top of 30mm thick. Post formed MDF top with 0.6mm lamination & longer edges both side post forming (curvica) & other both side PVC edge band by hot melt glue process for beading with matching colour. Top frame of 25x25x1.2mm (18swg) SS 304 grade square tube. Main vertical legs of 60 to 65mm x 1.6mm (16swg) thick. SS 304 or SS 202 grade round tube. Leg support & Footrest of 30mm x 1.6mm (16swg) thick. SS 304 or SS 202 grade round table. Good quality PVC adjustable stud at table. All SS parts with glossy buffing.Trademark registered branded (JALARAM make) canteen chair. Overall Size of the chair: H-900mm Seat Dia:400mm Seat Height:450mm Material Description: Chair frame of OD-19mm x 16swg SS 304 grade pipe with glossy buffing. Back support of OD-12mm tube SS 304 grade with Glossy buffing. Seat top (400mm Round) of 19mm thick. Wooden (Rubber wood) with melamine coated. Good quality PVC shoes at bottom , All SS parts with glossy buffing.

DINING ROOM	6					6.000	
		6	60	Tota	l Quantity	6.000 eacl	h
		JAM.	To	tal Deducted	d Quantity	0.000 eacl	h
		5.2 N		Net Tota	al Quantity	6.000 eacl	h
	6,0	Say 6	6.000 each @	Rs 40344.	40 / each	Rs 242	2066.40

5 od128008/2019 2020

Supply deliver and place Trademark registered branded (JALARAM make JBB-1(A))/Equivalent Single Bed for hostels Overall size: L 2030 x W 827 x H 695 mm L 80" x W 32.5" x H 27.4" Frame structure should made up of prime quality CRC (M.S.) rectangular tube 25x50x1.2mm (18 swg.).Body shouldmade up of prime quality 0.8 mm (22 swg.).All steel parts should be epoxy polyester powder coated to the thickness not less than 50 microns finish after 10 tank antirust. treatment and B grade phosphating (in house) & same will be demonstrated to the purchaser during pre-dispatch Inspection.

						_		
	ROOMS	68					68.000	
					Tota	al Quantity	68.000 no	
				To	tal Deducte	d Quantity	0.000 no	
					Net Tota	al Quantity	68.000 no	
				Say 68.000 r	no @ Rs 910	06.95 / no	Rs 619	9272.60
SI No	Description	No	L	В	D	CF	Quantity	Remark

3 EXISTING CLASS ROOM CONVERTED TO SMART CLASS ROOMS

1 od128422/2019 2020

Supply,deliver and place Trademark registered branded (JALARAM Make JEC 501(C))/Equivelent Executive Visitor Net Chair,

or>Overall Size (approx): H-98 x W-58 x D-63.5 (cm)

or>Seat Height: 48 (cm)

or>Frame structure: Backrest made of Mesh and Seat from hot mould plywood of minimum 12 mm thickness of ergonomic design to avoid back pain. Chrome-plated Arm & Frame 'Tapestry: Minimum average weight required 400 to 490 gms per sq. mtr.

or>Tapestry will be tested quality such as stain test, ultra violet test,glue test

or>and color fastening with average weight of 450 grams per square meter

or>Cushioning: PU foam having density of 50 kgs/m3 for seat. Average

or>thickness of foam not less than 50 mm + 10 mm Polly foam.

or>Arm rest material: Polyurethane on Chrome

or>Shoes: Nylon Rubber

Supply de Seater Students (Curvica Board (Fedges. < frame tul square Eegs. Supply equivale Material TESA we 1.21mm square to powder de seater Students (Curvica Board (Fedges. < frame tul square Eegs (Frame tul square to powder de seater Students (Frame tul square to powder de seater Students (Frame tul square to powder de seater Students (Frame Students (Frame tul square to powder de seater Students (Frame tul square Eegs (Fra	25/2019_2020 deliver and pla Desk Cum E ts. br>Overall a) of 25 mm th (PLB)with 0.6 cbr>Bench Ma ube of 19mm, ERW tube. Perforated CR er powder coate grade phosphat	Bench fitte size: H-70 ick wood ba mm laminat in frame tub l6swg ERW r>Seat & Ba CA sheet IS ed to the thi	ark registered on tubul 60 x W-104 ased high qualed with 2m as & Support 7 round tube. ack of 18sw(6513. 5513. br>G	d branded (ar frame was 0 × D-1000 uality branded m PVC bear tube of 32n certs & certs	Net Total Net Total Rs 13013. JALARAM Movith perforal (mm) ed (TESA) pading by hotal mm, 16swg Back suppad CRCA sheel	Al Quantity 71 / each Make-JSD 6 ated seat Seat Heig oost formed t melt glue- ERW round ort of 25x26 eet IS 513. & cap. All s	601(D))/equil and back f ht: 460 mm Pre-laminat process tube. 5x1.6mm (16 Storage steel parts wi tank anti-rus	valent Two for Senior Desk Top ed Particle s all over 4 eat & Back Sswg) thick. e Bucket of
Supply diseaser Students (Curvica Board (Fedges. < frame tull square Ease and B grand	deliver and plates. Cum Ets. C	Bench fitte size: H-70 ick wood bamm laminatin frame tub l6swg ERW r>Seat & BaCA sheet IS ed to the thiing.	ark registered on tubul 60 × W-104 ased high quited with 2m are & Support round tube. ack of 18sw(5513. ckness not lead on the control of the control	d branded (ar frame was 0 × D-1000 uality branded m PVC bear tube of 32n certs & certs	Net Total Rs 13013. JALARAM Movith perforal (mm) ed (TESA) pading by hotal mm, 16swg Back suppled CRCA sheel	Al Quantity 71 / each Make-JSD 6 ated seat Seat Heig oost formed t melt glue- ERW round ort of 25x26 eet IS 513. & cap. All s	12.000 each Rs 156 Rs 156 601(D))/equil and back if ht: 460 mm Pre-laminat cbr>process tube. tube. tube. torsStorage steel parts wittank anti-rus	valent Two for Senior Desk Top ed Particle all over 4 eat & Back Swg) thick. e Bucket of Il be epoxy
Supply diseaser Students (Curvica Board (Fedges. < frame tull square Ease and B grand	deliver and plates. Cum Ets. C	Bench fitte size: H-70 ick wood bamm laminatin frame tub l6swg ERW r>Seat & BaCA sheet IS ed to the thiing.	ark registered on tubul 60 × W-104 ased high quited with 2m are & Support round tube. ack of 18sw(5513. ckness not lead on the control of the control	d branded (ar frame wow.0 x D-1000 pality brande m PVC bear tube of 32n certs & certs	DRS 13013. JALARAM Note price (TESA) pading by hote mm, 16swg Back supped CRCA shees	71 / each Make-JSD 6 ated seat Seat Heig ost formed t melt glue- ERW round ort of 25x26 eet IS 513.	Rs 156 601(D))/equil and back f ht: 460 mm Pre-laminat br>process tube. 5x1.6mm (16) cbr>Storage steel parts wi tank anti-rus	valent Two for Senior Desk Top ed Particle all over 4 eat & Back Sswg) thick. e Bucket of Il be epoxy
Supply diseaser Students (Curvica Board (Fedges. < frame tull square Ease and B grand	deliver and plates. Cum Ets. C	Bench fitte size: H-70 ick wood bamm laminatin frame tub l6swg ERW r>Seat & BaCA sheet IS ed to the thiing.	ark registered on tubul 60 × W-104 ased high quited with 2m are & Support round tube. ack of 18sw(5513. ckness not lead on the control of the control	d branded (ar frame wow.0 x D-1000 pality brande m PVC bear tube of 32n certs & certs	JALARAM Novith perfora of (mm) ed (TESA) pading by hotonm, 16swg Eack supped CRCA shees	Make-JSD 6 ated seat Seat Heig cost formed melt glue- ERW round ort of 25x26 eet IS 513.	601(D))/equil and back f ht: 460 mm Pre-laminat process tube. 5x1.6mm (16 Storage steel parts wi tank anti-rus	valent Two for Senior Desk Top ed Particle s all over 4 eat & Back Sswg) thick. e Bucket of Il be epoxy
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3 od12842 Supply, equivale Material TESA w 1.21mm square to	grade phosphat	9 / 3 /	10.000		1	L		
Supply, equivale Material TESA w 1.21mm square to	3	12	10.000	G65 (37 / 3)			120 000	
Supply, equivale Material TESA w 1.21mm square to				11 (29)	Tota	al Quantity	120.000 ea	ach.
Supply, equivale Material TESA w 1.21mm square to			Bah	To	otal Deducte	<u> </u>	0.000 each	
Supply, equivale Material TESA w 1.21mm square to		ther Er	ngineeri	100 1000	anisatio	ns al Quantity	120.000 ea	
Supply, equivale Material TESA w 1.21mm square to		D	Say 12	0.000 each	7	1	Rs 1072	
3.445 Pi	23/2019_2020, deliver and plent Table for value of the length of the len	with 25 mm Main top 25m edge band CRAC sho n of 18swg.	top, square nm thick woo d by hot me eet IS 513. Good quali	e tubular fra od based hig It glue proc Table frame ty PVC Sho	ame. Overally property of the control of the contro	Il size: W-1 e-laminated ding all ov nade up of I parts sho	51 x D-90 x I Particle Boa er edge. To prime quality uld be epoxy	c H-75(cm) ard(PLB) of p frame of y MS ERW y polyester
	, roop rating.	12					12.000	
		·-	I		Tota	al Quantity	12.000 ead	 ch
				То	otal Deducte	<u> </u>	0.000 each	
						-	12.000 ead	
					Net Tota	al Quantity	12.000 Gai	
SI No De			Say 1	2.000 each		-	Rs 988	374.60

Lump-Sum Total	F	Rs 105109.00
Provision for GST paymer	nts (in %) @	12.0%
Amount reserved for GST payments		1273924.65
Total		11889963.65
Lumpsum for round off		0.00
	Т	OTAL Rs 11889963.65
	Rounde	d Total Rs 1,18,89,964
Rupees One Crore Eighteen Lakh Eighty Nine Thousand	Nine Hund	red and Sixty Four Only

(Cost Index Applied for this estimate is 48.71%)

