Annex-3

1. בש ששל השתם התקשתה כש בשלים:

دِ دَسَادُمَاهُوَدَرِ رِوْسَرِ وَهِوَدِهُ وَسَادُمُوهُ وَرَهُرَوْ وَمَوْجٍ دُوْ سَائِهُ دَهُوْ وَوَ وَبَوَدُو هُوَمِرَرُ عُنْرِهُمُونُونُوعَارِ سَائِمٍ مَعَادُ مَامَوْ مُعَاثِوْدُ دِ الْرَبُومِ سِجِدِيْدٌ بِعَادِسُرُ دُدُوْهُۥ وَمُعَادُوْهُ. دِ مُعَاثِدُوْ مُعْرَسُوهُ بِعَادِيْ جِهِوَدِ دِوَسِرَدُوْ.

1- פינל הייק אות בשות ההצפיר פיל פיה ההגיעוניי

2- وَسرع مُرْسُرُ وِرُونُ الْمَرْدُونُ وَسُونُ مُرْسُرُهُ عِنْ مِسْرُرُ مُرْدُونُ رُوْسُ.

ئَوْصِهُوَهُ وَهُوَ مَنَهُ اللهِ اللهِ اللهِ اللهِ اللهِ اللهُ اللهِ اللهُ ال

3- ציתו אנים פרשל הינו בשום ונים

كىمھۇد ئىرىدىگىرى جەھۇدى سەھۇد كۆر ئىرى ئىرىدۇ. دەھىۋە دەھەرى 1 ئۇھۇ. سەھۇ د دۆدىرى بوسىمى د ئۇردىرۇ. سەھە ئۇرىرى 6 ئۇھۇ. 2 ئۇھۇر دىگە ئەھ دۇر 2 كۆرۈردى ئىرىدۇد ئۇرى كۆرۈرگەردۇ. د سەھۇد د ساھىد دى ئەردى ئۇرۇنىدۇ ئىرۇھ دۇرۇر دىرىرىگۇردىدۇ. ئۇرۇرۇرۇرۇرۇرۇرۇرۇرۇرۇرۇرۇرۇرۇرۇ

4- פיתו ותאימו ב שימא לבנית

لَّهُ هُوَ وَسِرِهِ اللَّهُ اللَّهِ اللَّهُ الْمُرْسِدُ الْمُرْسِدُ الْمُرْسُونُ الْمُرْسُونُ الْمُرْسُونُ الْمُرْسُونُ الْمُرْسُونُ اللَّهِ الْمُرْسُرُوسُ اللَّهِ الْمُرْسُرُوسُ اللَّهُ الْمُرْسِرُولُورُ السُّمْسُرُوسُ اللَّهِ الْمُرْسُرُوسُ اللَّهُ اللَّهِ اللَّهُ الللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ ا



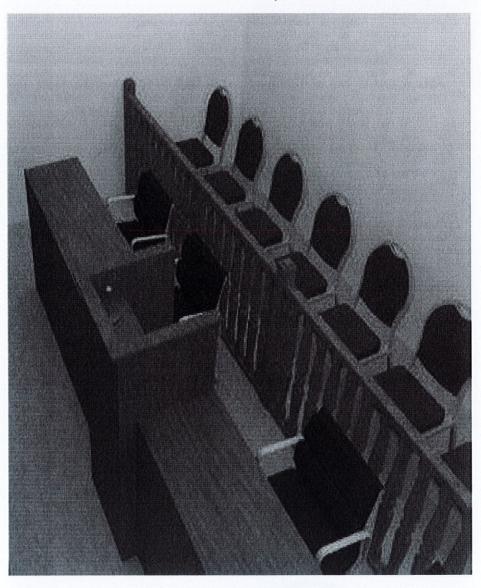


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6- 2 وَمُرْمَدُ وَكُرُمْ مِرْمُو مُورُفُو صَرْمُمُ رَوْرُ

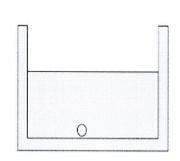


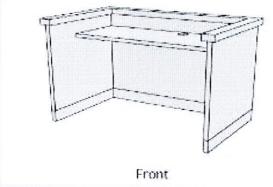


7- وغيرا معري روس

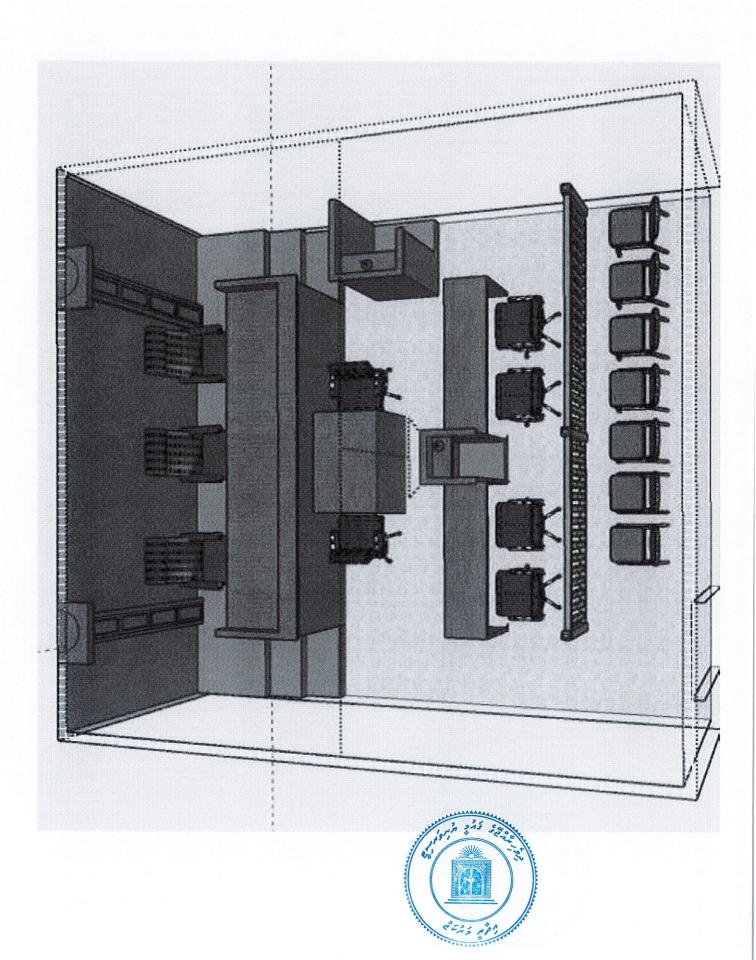
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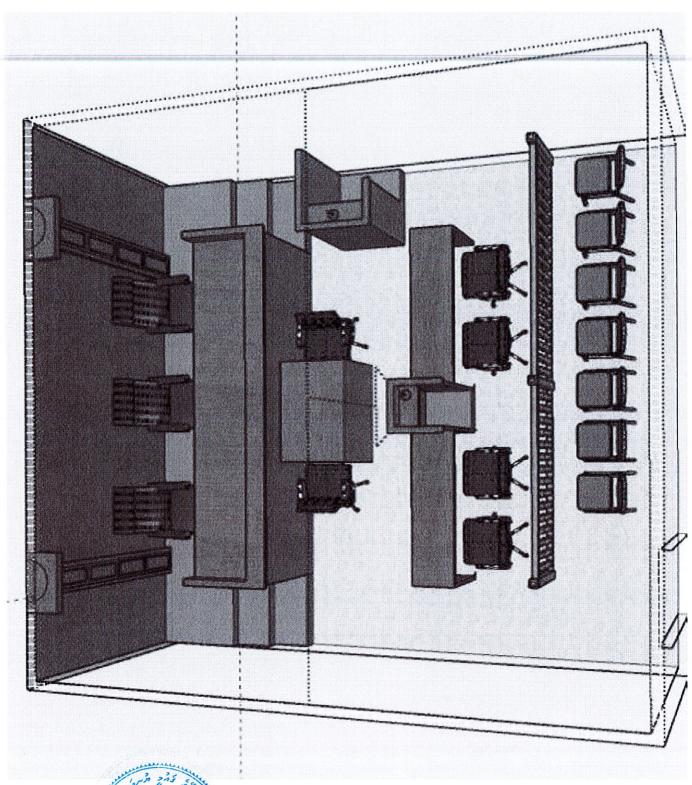




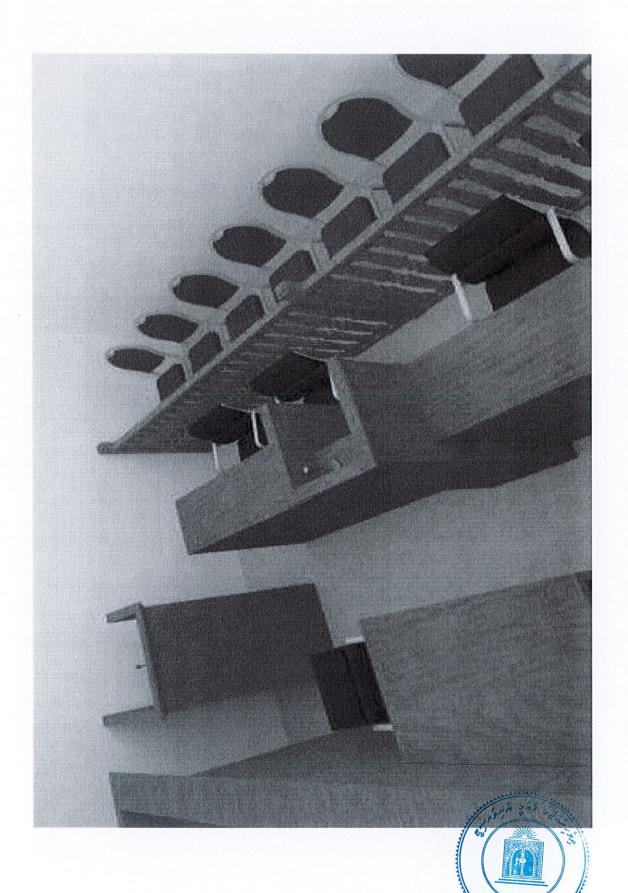




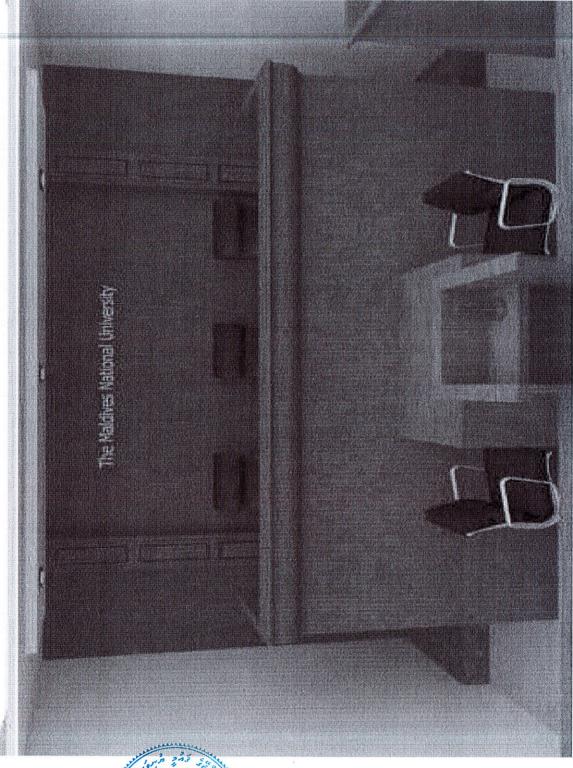








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Proposed Building FE Terrace Classroom, Maldives.

SUMMARY					
Α	PRELIMINARIES	MRf.			
С	CONCRETE WORK	MRf.	-		
D	MASONARY WORK	MRf.	_		
F	DOORS AND WINDOWS	MRf.	-		
Н	FLOOR, WALL & CEILING FINISHES	MRf.	-		
J	PAITING WORK	MRf.	-		
K	ROOF WORK	MRf.	-		
М	DRAINAGE AND STORM WATER DISPOSAL	MRf.	-		
N	ELECTRICAL INSTALLATION	MRf.	-		
0	MECHANICAL INSTALLATION	MRf.	-		
Р	FURNITURES	MRf.	-		
Χ	MISCELLANEOUS	MRf.	-		
	GRAND SUMMARY	MRfs.			
	CHANGE COMMINIANT	WINIS.	-		



NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Α	PRELIMINARIES				
1	GENERALNOTES			No. 2005 State	
	ABBRIVIATIONS				
	m - Metre				
	Nr - Numbers				
	m3 - Cubic metres m2 - Square metres				
	m - Linear metre				
	t - Tons inc - Including				
	mm - Millimetre				
	SS - Stainless steel GI - Galvanized iron				
2	Allow for setting out the work Allow for all on and off site management cost including costs of foreman and	Item Item	1.00 1.00		
4	Allow for clean - up upon completion of works.	Item	1.00		
5	Insurance, bonds, gurantees and warranties (Insurance as stated in the	Item	1.00		
	TOTAL FOR PRELIMINARIES CARRIED TO SUMMARY				-
No	Description	Unit	Qty	Rate	Amount
В	CONCRETE WORK				
	Concrete				
	All concrete shall be made dence with a vibrator and finished to receive respective finishes. The type and stability shall be agreed with the consultant prior to commencement of concreting of each item.	Note			
	Rates shall include for plant for mixing, handling, hoisting, depositing, compacting, vibrating, curing, making good after removal of formwork and for any tests as necessary.	Note			
	Rate for concrete shall include forming joints between new concrete and old concrete as per drawings and specification unless otherwise measured separately.	Note			
	Concrete mix design details to be submitted to consultant's/ Engineer's approval.	Note			
	Foundation Beam				
	Reinforced concrete in the following as per the detailed drawing-	Note			
1	Foundation Beam	m ³	1.60		
2	Column shafts up to roof beam Roof beams	m ³	1.10 0.96		A 17 - 17 - 17 - 17 - 17 - 17 - 17 - 17
	Reinforcement The size of reinforcement rods described in the drawing or elsewhere shall be minimum size and the rolling margin and any other tolerance shall be				
	wholly above this size. Hooks and laps have been measured with the quantities.	Note		speed!	المام
	All reinforcement shall be free from dirt, oil, paint, grease, or loose rust before fixing in position and shall be brushed with stiff wire brush.	Note		Ten'	
	Reinforcement shall be bent cold by applying a slow even pressure on an approved type of bending apparatus.	Note			
				31 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1 2 1 1 1 A A A A A A A A A A A A A A A
	1				· ····································

NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Rate shall include for cutting, bending, fabricating, placing in position, holding and supporting including temporary fixing supports, hangers and binding wire, ties, spaces, chairs.	Note			
	Formwork Rate shall include for all necessary boarding, supporting, application of mould oil as necessary erecting, framing, cutting angles, cleaning, wetting and treatment before placing concrete and striking or removal etc. construction joints.	Note			
	All formwork shall be in plywood (to provide fair face finish on concrete surfaces specially at slab soffit) not less than 1/2" Thk. With application of mould oil or laid on polythene layer with suitable laps to prevent leaking with suitable upstand at edges. Scaffolding shall be G.I. scaffolding system.				
	Back filling				
	a) Rates shall include for: leveling, grading, trimming and compacting.				
	(b) Polythene damp proof membrane (500 gauge) laid on blinding layer.				
4 5	Polythene memberane Sand fill up to foundation beam level	m m	11.00 11.00		
	Miscellaneous Lintel 150x150mm high reinforced with 2Nos 12mm Dia. Torsteel rods and necessary formwork in the following				
6	Lintel above doors	m	0.14		
	TOTAL FOR CONCRETE WORK CARRIED TO SUMMARY				
	TOTAL FOR CONCRETE WORK CARRIED TO SUMMANT				-
No	Description	Unit	Qty	Rate	Amount
No D	Description MASONRY WORK Rate shall include for reinforcement concrete vertical and horizontal stiffeners for all 4 1/2 walls exceeding 10' length and 10' in height.		Qty	Rate	Amount
10110	Description MASONRY WORK Rate shall include for reinforcement concrete vertical and horizontal		Qty	Rate	Amount
	Description MASONRY WORK Rate shall include for reinforcement concrete vertical and horizontal stiffeners for all 4 1/2 walls exceeding 10' length and 10' in height. All block shall be well burnt standard size block with specified strength. Rate shall include for scaffoldings.	note note	Qty	Rate	Amount
	Description MASONRY WORK Rate shall include for reinforcement concrete vertical and horizontal stiffeners for all 4 1/2 walls exceeding 10' length and 10' in height. All block shall be well burnt standard size block with specified strength. Rate shall include for scaffoldings. contractor shall finish the exterior and interior surface of brick.	note note note note	Qty	Rate	Amount
10110	Description MASONRY WORK Rate shall include for reinforcement concrete vertical and horizontal stiffeners for all 4 1/2 walls exceeding 10' length and 10' in height. All block shall be well burnt standard size block with specified strength. Rate shall include for scaffoldings. contractor shall finish the exterior and interior surface of brick. work neatly strictly as per the instruction of the architect. Brick work 150x150x300mm hollow block wall in cement and sand	note note	Qty 23.8	Rate	Amount
D	Description MASONRY WORK Rate shall include for reinforcement concrete vertical and horizontal stiffeners for all 4 1/2 walls exceeding 10' length and 10' in height. All block shall be well burnt standard size block with specified strength. Rate shall include for scaffoldings. contractor shall finish the exterior and interior surface of brick. work neatly strictly as per the instruction of the architect. Brick work	note note note note note		Rate	Amount
D 1	Description MASONRY WORK Rate shall include for reinforcement concrete vertical and horizontal stiffeners for all 4 1/2 walls exceeding 10' length and 10' in height. All block shall be well burnt standard size block with specified strength. Rate shall include for scaffoldings. contractor shall finish the exterior and interior surface of brick. work neatly strictly as per the instruction of the architect. Brick work 150x150x300mm hollow block wall in cement and sand 1:5 filling TOTAL FOR MASONRY WORK CARRIED TO SUMMARY	note note note note note note note	23.8		-
D 1	Description MASONRY WORK Rate shall include for reinforcement concrete vertical and horizontal stiffeners for all 4 1/2 walls exceeding 10' length and 10' in height. All block shall be well burnt standard size block with specified strength. Rate shall include for scaffoldings. contractor shall finish the exterior and interior surface of brick. work neatly strictly as per the instruction of the architect. Brick work 150x150x300mm hollow block wall in cement and sand 1:5 filling TOTAL FOR MASONRY WORK CARRIED TO SUMMARY Description	note note note note note		Rate Rate	Amount
D 1	Description MASONRY WORK Rate shall include for reinforcement concrete vertical and horizontal stiffeners for all 4 1/2 walls exceeding 10' length and 10' in height. All block shall be well burnt standard size block with specified strength. Rate shall include for scaffoldings. contractor shall finish the exterior and interior surface of brick. work neatly strictly as per the instruction of the architect. Brick work 150x150x300mm hollow block wall in cement and sand 1:5 filling TOTAL FOR MASONRY WORK CARRIED TO SUMMARY Description DOORS & WINDOWS	note note note note note note note	23.8		-
1 No	Description MASONRY WORK Rate shall include for reinforcement concrete vertical and horizontal stiffeners for all 4 1/2 walls exceeding 10' length and 10' in height. All block shall be well burnt standard size block with specified strength. Rate shall include for scaffoldings. contractor shall finish the exterior and interior surface of brick. work neatly strictly as per the instruction of the architect. Brick work 150x150x300mm hollow block wall in cement and sand 1:5 filling TOTAL FOR MASONRY WORK CARRIED TO SUMMARY Description	note note note note note note note	23.8		-
1 No	Description MASONRY WORK Rate shall include for reinforcement concrete vertical and horizontal stiffeners for all 4 1/2 walls exceeding 10' length and 10' in height. All block shall be well burnt standard size block with specified strength. Rate shall include for scaffoldings. contractor shall finish the exterior and interior surface of brick. work neatly strictly as per the instruction of the architect. Brick work 150x150x300mm hollow block wall in cement and sand 1:5 filling TOTAL FOR MASONRY WORK CARRIED TO SUMMARY Description DOORS & WINDOWS Rates shall include for cutting, notching, drilling, linkage, trimming forming, joining, splayed edges and the like including fixing in position complete	note note note note note note Unit	23.8		-

10	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	All timber solid doors, plywood doors and windows shall be finished with sanding sealer/polishing to all timber surfaces including preparation of surfaces with sand papering and filling all uneven surfaces with an approved filling materials.	Note			
	All ironmongery and fixing hardware for this section shall be high quality fittings and rates shall include for all necessary ironmongery.	Note			
1	D1 - Timber Door - 120mm thick Timber Frame & 40mm thick Solid Timber Panel with View Glass panel as per the drawing	Nr.	2.00		
	TOTAL FOR CARPENTRY AND JOINERY CARRIED TO SUMMARY				-
10	Description	Unit	Qty	Rate	Amount
F	FLOOR, WALL AND CEILING FINISHES				
	The contractor shall submit samples of all materials, tile layout etc for prior approval of the Consultant/Engineer as necessary.	Note			
	The contractor shall use adhesives compatible with properties of tile, etc. material as per manufacturer's instruction of which shall not effect to any discoloration on the surface of tiles, discoloration on the surface of tiles, etc to be rectified by the contractor by replacing the same if necessary without any additional cost to the Employer	Note			
1	Rates shall include for laying 50mm thick cement mortor in 1:5 mix ratio. Floor Finishes 50mm floor screeding	m ²	3.72		
2	Floor tiles in approved manufacture, 600x600 mm size, colour and design laid on and including 3/4" thick cement and sand 1:3 bedding and pointing with tile grout to match the colour of tiles to all areas	m ²	22.00		
3	Skirting Supply & fixing 100mm high tile skirting's to walls and finished w as per the	m	8.70		
4	Engineer's approval. Non skid outdoor floor tiles in approved manufacture, 600x300mm size, colour and design laid on and including 3/4" thick cement and sand 1:3 bedding and pointing with tile grout to match the colour of classroom tiles for the adjoining area to the classroom and the existing building.		2.00		
	Wall finishes Rates for plastering shall include for providing expanded joints, plastering the reveals, moldings, door window reveals, etc. as per the detailed drawings.				
	Plastering (a) 25mm thick Cement plastering on Exterior surface of External masonry walls and concrete surfaces and 15mm thick plastering on interior walls and concrete surface as specified incl. wire mesh shall be fixed at the joints of concrete surfaces and walls before plastering. Quantity is measured including concrete surfaces - Parapetwalls, Liftwalls, columns & beams.				
	 b) River Fine Sand / M.Sand shall be used for all plastering work. Local sand is not approved for Plastering works. c) Rates shall include for approved brand water proofing compound shall be mixed with cement mortar for external wall plastering as per manufacturers specifications. 			2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
5	Internal Walls of classroom	m ²	5.20		

NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
6	External walls of classroom	m²	4.00		
	Ceiling finishes Supply and installed gypsum board seamless flat celling with all accessories with seamless finish with 50 x 50 wooden frame for internal	Note			
	Supply and installed cement board flat celling with all accessories and finish with 50 x 50 wooden frame for external ceiling. Wooden beads to be put to				
	cover the joints.	-2 (Cremit		and the second	and acceptance of the content of the con-
7	Internal Ceiling	m²	22.00		
8	Outside Ceiling	m ²	2.84		
	TOTAL FLOOR, WALL AND CEILING FINISHES CARRIED TO SUMMARY				-
No G	Description PAINTING WORK	Unit	Qty	Rate	Amount
u	External weather shied paint C.I.C. or equivalent quality application of two coats and a primer undercoat as per manufacturer's instruction including preparation of surfaces to receive paint to external plastered walls in the following.	-			
	Wall painting External painting External weather shield paint (Architect approved colour) C.I.C. or equivalent quality application of two coats and a primer undercoat as per manufacturer's instruction including preparation of surfaces to receive paint to external plastered walls in the following	Note			
1	External walls	m²	41.00		
	Internal painting Internal paint mug mixing with chemfix in an approved manufacture C.I.C. or equivalent finish with two coats paint and suitable under coat including preparation of surfaces of internal plastered walls in the following.	Note			
2	Internal walls	2	E4.00		
2	Ceiling Paints	m ² m ³	54.00 25.50		
	TOTAL FOR PAINTING WORK CARRIED TO SUMMARY				-
No	Description	Unit	Qty	Rate	Amount
Н	ROOFER AND ROOF PLUMBING	Oint	uij	Tido	Amount
	Rates shall included for all shop fabrication, transport to the site and erection in the final position. Rates shall include for all site welding, drilling, splay	Note			
	cutting, notching, etc. Rate shall include for all structural anchore bolts, nuts, washers and bolts,	Note			
	unless stated as per detail drawing. Rates shall include for allow for all costs associated with undertaking all precautions against fire while welding and cutting as specified		,,,,	2 2	

NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Rates shall include for allow for all establishment, plant, cartages, scaffolding and hoisting equipment, two coats of anti corrosive paint and two coats of enamel paint and for co-operating with other trades.	Note			
1	TR1 - Supply fabrication and fixing 38.1 x 38.1 x 6mm and 25.4 x 25.4 x 6mm equal anagles as per the truss details welded to form 3.05 m long truses complete including epoxy / rust proof protection paint finishes	no	4.00		
2	Supply and fixing of timber rafters 50 x 150 mm x 6.8 m @ 800mm spacing	no	16.00		
3	Supply and fixing of timber battens 50 x 35 mm x 12.2 m @ 600mm spacing		11.00		
5	Supply & fixing of - Iysaght roofing sheets Colourbond white supply and fixing of glasswool insulation with aluminium foil on both sides fixed underside of the roof covering with 25 mm grid Gl mesh underneath to support the insulation	m ² m	25.50 25.50		
6	Gutter made of lysaght sheets Colourbond white connected to the drainage system via 2 ends of the classroom	m	12.20		
7	Lysaght Colourbond white, edge flashing fixed with necessary clips and accessories complete to working order as per the drawing.	m	24.00		
	TOTAL FOR ROOF WORK CARRIED TO SUMMARY.				0.00
No	Description	Unit	Qty	Rate	Amount
L	DRAINAGE AND STORM WATER DISPOSAL				
	Supply and fixing 75 mm dia pvc down pipes including pipe works up to the side down pipes	Note			alifon Canada
	Rates shall include for screws, nails, pipe hooks, saddles, brackets, sockets, connections, lagging short length, back nuts, nipple joints, concrete blocks and the like and all holes chasings etc. and making good in other trades such as plaster and painting.	Note			
	All pipe diameters stated here shall be the nominal internal bore of the pipes.	Note			
1	Storm water disposal 110mm (4") dia storm water pipes with required fittings	m	9.00		
	TOTAL FOR DRAINAGE WORK CARRIED TO SUMMARY				-
No	Description	Unit	Qty	Rate	Amount
N	ELECTRICAL INSTALLATION				
	Distribution Board				
5	6 mm Cables installed from the main distribution board in the 4th floor of the CA Building including the cable of about 60 feet per distribution board, including 32A ELCB, 32 A MCB single phase with respective circuts for the electrical wiring listed below for AC, lights, power points etc.	Mary I			
11.00	Separate Cable for 2 distribution boards 6 mm (60 feet per classroom) Distribution board for each classroom (inbuilt to the wall per classroom)	item item	2.00 2.00		
	Wiring			Jan	205 5 C C C C C C C C C C C C C C C C C C

NO	DESCRIPTION		UNIT	QTY	RATE	AMOUNT
	and all other accessories required to Socket outlet (double) power switch	tches, conduit accessories, ceiling rose complete lighting circuits. ed socket on wall point wiring complete and all other accessories required to	Note			
	Electrical Wiring					
6	2.5 sq mm wiring to light points		Nr	18.00		
7	2.5 sq mm wiring to power points		Nr Nr	42.00		
	Fixtures Fans 1500mm dia KDK barand fan Surface mount Led lights 24 Watts 1 x 13 A socket outlet at 300mm about 2 x 13 A socket outlet at 1200mm at 1 x 15 A socket outlet at 1200mm at 1 x 13 A socket outlet at 1200mm at 1 x 13 A socket outlet at ceiling mount 1 gang 1 way switches 3 gang 1 way switch Emergency light Fan dimmer Multimedia Projector mounted on the connected to the computer near the 1 Specification of the projector Image Brightness Lamp Type Resolution Features Video Input Projection Method	ove floor level ove floor leve	Nr Nr Nr Nr Nr Nr Nr Nr	4.00 4.00 14.00 6.00 32.00 4.00 2.00 2.00 4.00 2.00 4.00 2.00		-
No	Des	cription	Unit	Qty	Rate	Amount
	250		Oilit	<u> </u>	riato	Amount
0		h indoor,outdoor units, pipes and other struction and specifications (Hitachi or	Note			
	Panasonic)	3				
1	24000btu AC units for indoor restaura	ant area	Nr	4.00		
	TOTAL FOR MECHANICAL INSTALL	ATION CARRIED TO SUMMARY				-
No	Description		Unit	Qty	Rate	Amount
Р	Furniture		Unit	41,	Tiuto	Amount
1 2 3 4	Computer table as per the drawing Teacher Table (standard 4 ft x 2 ft tab Lectrure chair Moot court set up as per the drawing	le)	Nr. Nr. Nr. Nr.	20.00 2.00 2.00 1.00		
		The state of the s				

DESCRIPTION		UNIT	QTY	RATE	AMOUNT
TAL FOR FURNITURE CARRIED TO	SUMMARY				-
	ription	Unit	Qty	Rate	Amount
lude any variations					
		Nr.	-		•
TAL FOR MISCELLANEOUS WORK	CARRIED TO SUMMARY				-
Ī	FAL FOR FURNITURE CARRIED TO Descriptions	TAL FOR FURNITURE CARRIED TO SUMMARY Description	Description Unit lude any variations Nr.	Description Unit Qty lude any variations Nr	Description Unit Qty Rate lude any variations Nr

