DETAIL ESTIMATE OF THE GUWAHATI SWACHHATA KENDRA											
	SEGREGATION CENTER	JSED E	BY RATES	OF ALL		VD SOR					
S.	PARTICULAR		Meas	urement		QTY	UNIT	RATE	AMOUNT		
No.		NO	L	В	D/H	QIT	UNIT	NATE	ANIOUNT		
	Fauth work in a second in the second s										
	Earth work in excavation by manual means in trenches for										
	foundations, drains, pipes, cables etc. (Not exceeding 1.5 mtr in width) and for shafts, wells, cesspits and the like not										
	exceeding 1 Osqm on plan, depth upto 1.5mtr. including										
1	disposal of excavated earth upto 1 mtr from cutting edge,										
-	disposed earth is to be levelled and neatly dressed in:										
	All Kinds of soil										
				То	otal	90	cum				
	Filling available excavated earth (excluding rock) in										
	trenches, plinth, sides of foundations etc. in layers not										
2	exceeding 20cm in depth, consolidating each deposited										
	layer by ramming and watering, lead up to 50 m and lift										
	upto 1.5 m					760	cum				
	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate					,			+		
	20mm										
	nominal size).										
3		17	1.22	1.37	0.08	2.13					
		17	1.22	1.37	0.45	12.79					
	PLINTH BEAM	1 17	0.30 0.45	0.30	280.00	25.20					
		1/	0.45	0.45 To	1.80 otal	6.20 46	cum				
	Upto to Floor, Providing and placing in position										
	reinforcement for R.C.C. work including straightening,										
	cutting, bending, binding etc. complete as per drawings										
	including cost of binding wire in foundation and plinth all										
		17.00	1.22	7.00	1.58	229					
		7.00	1.37	7.00	1.58	106					
4	Column anisference at					335	kg				
-	Column reinforcement	17	1.80	8.00	1.58	386.78					
		7	3.00	12.00	0.39	98.28					
						485	Kg				
	Beam reinforcement										
		1	140	6.00	1.00	840					
		1	980.00	1.50	0.39	573	Ka				
	Providing and fixing form work including centring,					1413	Kg				
	shuttering, strutting, staging, propping bracing etc.										
	complete and including its removal at all levels, for:										
-	Foundations, footings, bases of columns etc. for mass										
5		17	5.60		0.30	28.56					
		17	1.80		1.80	55.08					
		1	70.00		1.20	84.00					
						168	sqm		<u> </u>		
	230 thk Brick work with F.P.S. bricks of class designation 75 in										
6	superstructure above plinth level up to floor V level in all shapes	1	90.00	1.50	0.30	40.5	cum				
L	and sizes in : Cement mortar 1:4 (1 cement : 4 coarse sand)		265.62	4.50							
7	12mm plaster (1:4) inside and outside of wall face	2	265.00	1.50		530	sqm				
8	3 coats of suitable outdoor grade paint on wall face	2	265.00	1.50		530	sqm				

S.	PARTICULAR	Measurment				071			
No.		NO	L	В	D/H	QTY	UNIT	RATE	AMOUNT
	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4								
	graded stone aggregate) finished with a floating coat of neat								
	cement, including cement slurry, but excluding the cost of								
9	nosing of steps etc. complete.								
	40 mm thick with 20 mm nominal size stone aggregate								
	Area	1				446			
						446	sqm		
	Steel work in built up tubular trusses including cutting,								
10	hoisting, fixing in position and applying a priming coat of								
	approved steel primer, welded and bolted including special shaped washers etc. complete								
	Hot finished welded type tubes								
	MRF TRUSS								
	Main Taie	5	15.00	9.75	Kg/m	146.25			
	Bracing	3	28.37	2.54	1.6/11	216.14			
	Vertical Member	1	7.45	2.41		17.95			
	Main Rafter	5	8.05	8.70		350.18			
	Purline	17	23.00	8.36		3268.76			
	Tie Runner	17	30.96	8.36		4400.04			
	Base plate	17	0.15	7.85		20.02			
	Gusset Plate	17	0.15	7.85		20.02			
	BOLT	112	0.20	2.46		55.10			
	SUPPORT FRAME								
	VERTICAL - SHS 150X150	14	2.10	34.30		1008.42			
	HORIZONTAL - SHS 150X150	1	106	28.00		2968.00			
	Base plate - 10mm thick	14	0.16	157		351.68			
	M16 anchor bolt 750 mm length Gusset Plate 8mm thick	112 14	0.10	0.18 62.80		20.16 87.92			
11	tie beam - shs 150 x 150	14	70.00	34.20		2394.00			
		-	70.00	34.20		2334.00			
	FOR CANOPY								
	SHS 80X80	1	5.50	11.50		63.25			
	Purlin 75X50	5	1.50	6.50		48.75			
	FOR CHAJJA	5	1.50	0.50					
	Tie - SHS 80X80	78	2.00	2.04		318.24			
	slope structure - SHS 75 X 50	2	70.00	2.04		285.60			
	FOR DOORS & GATES								
	for gate SHS 25 X 25X3	2	25.00	2.04		102.00			
	for door SHS 25 X 25X3	2	9.60	2.04		39.17			
	total weight					16182	kg		
	75mm thick gypsum partition with proper backframe & 3								
12	coats of finished paint in color of choice	1	440			440	sqft		
13	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia of wire 0.63 mm, vertical support wherever required	265	1.5			398	sqm		

PARTICULAR	Measurment			QTY		UNIT RATE		AMOUNT
	NO	L	В	D/H	Q 11	0.1		
Draviding & fiving minimum (0 FEmme DMT) Single length								
- ,								
FOR ROOF & GUTTER	1	70	45		3150			
FOR FAÇADE								
side 1	2				450			
side 2	2				570			
FOR CHAJJA	1	230	2.5		575			
FOR CANOPY	1	5	17		85			
FOR DOOR & GATES								
Gate	2	8.5	8		136			
Door	2	5	9		90			
					5056	sqft		
25mm thick kota stone coping on brick wall using 1:4 Mortar	1	268	1		268	sqft		
Supplying & Eraction Turbo Ventilator At Roof Top with All type Fitting,	10.00				10.00	No		
Proper Sealent Filling From All Side to Avoid water Leakage.	10.00				10.00	NO		
Supplying & Fraction Translucent Fibre Sheet for North Light Provision								
					10.00	No		
proper Way for no Leakage of Water. (Size 8 x 4ft).								
PLUMBING WORK: - Costing of PVC, CPVC routes and								
material. (WC, Wash Basin, water inlet, Water outlet, Roof	3				3	L/S		
drain PVC pipe etc)								
	1				1	Nos		
	3				3	L/S		
LABOUR COST OF PLUMBING:- Charges for Toilet fitting &						6		
Service area provisioning work.	1				1	Scope		
PVC DOOR: - Providing & Fixing of pvc door for servant toilet.	3				3	No		
TILE FLOORING & WALL: - Providing & Fixing of Tile with	581				581	Sft		
	240							
ILE SKIKTING:- EXTRA TOR4" THE SKITTING OF SAME MAKE	340				340	rπ		
Provide LT panel with complete provisioning like main cable with								
accessories.	1				1	NOS		
Provide 12way horizontal Schneider DB with 32A DP MCB - 1 No., 16A	1		1		1	NOS		
	FOR FAÇADE side 1 side 2 FOR CHAJJA FOR CANOPY FOR DOOR & GATES Gate Door 25mm thick kota stone coping on brick wall using 1:4 Mortar Supplying & Eraction Turbo Ventilator At Roof Top with All type Fitting, Proper Sealent Filling From All Side to Avoid water Leakage. Supplying & Eraction Translucent Fibre Sheet for North Light Provision Under Shed. 2mm Thk Fixed With Screw and All Side Sealent Packed by proper Way for no Leakage of Water. (Size 8 x 4ft). PLUMBING WORK: - Costing of PVC, CPVC routes and material. (WC, Wash Basin, water inlet, Water outlet, Roof drain PVC pipe etc) SANITARY FITTING: - Costing as per make n model W.C (Hind ware Make: - 6500 Rs) CP fitting :- (Health facet, Angle valve, Wash Basin Tap, connection pipe, CP jail etc) LABOUR COST OF PLUMBING:- Charges for Toilet fitting & Service area provisioning work. PVC DOOR: - Providing & Fixing of pvc door for servant toilet. TILE FLOORING & WALL: - Providing & Fixing of Tile with chemical on flooring & Wall. TILE SKIRTING:- Extra for4'' Tile skirting of same make ELECTRICAL Provide LT panel with complete provisioning like main cable with accessories.	Providing & fixing minimum (0.55mm BMT). Single length Bare Galvalume roofing sheets of trapezoidal industrial trough type (88 mm deep spaced at 200mm c/c) of approved vendor Galvalume / Zincalume alloy coated steel conform AS1397, G550, AZ150 (550 MPa minimum yield stress, 150gsm minimum coating Mass) with all fixing accessories, butyl mastic tape at joints, foam filler matching to the sheet profiled to make leakage proof joints where ever require etc. complete in all respects. Profile should be compatible to take load of solar panel. FOR ROOF & GUTTER FOR CANOPY side 1 Side 2 FOR CANOPY 1 FOR CANOPY 1 FOR DOOR & GATES Gate 2 Door 2 Supplying & Eraction Turbo Ventilator At Roof Top with All type Fitting, Proper Sealent Filling From All Side to Avoid water Leakage. under Shed. zmm Thk Fixed With Screw and All Side Sealent Packed by 10.00 PLUMBING WORK: - Costing of PVC, CPVC routes and material. (WC, Wash Basin, water inlet, Water outlet, Roof drain PVC pipe etcl) SANITARY FITTING	Providing & fixing minimum (0.55mm BMT). Single length Bare Galvalume roofing sheets of trapezoidal industrial trough type (88 mm deep spaced at 200mm c/c) of approved vendor Galvalume / Zincalume alloy coated steel conform AS1397, 6550, AZ150 (550 MP a minimum yield stress, 150gsm minimum coating Mass) with all fixing accessories, butyl mastic tape at joints, foam filler matching to the sheet profiled to make leakage proof joints where ever require etc. complete in all respects. Profile should be compatible to take load of solar panel. 1 70 FOR ROOF & GUTTER 1 70 FOR RAOF & GUTTER 2 2 FOR CANOP 1 5 FOR CANOPY 1 5 FOR CANOPY 1 5 FOR DOOR & GATES	Providing & fixing minimum (0.35mm BMT). Single length Bare Galvalume roofing sheets of trapezoidal industrial trough type (88 mm deep spaced at 200mm c/c) of approved vendor Galvalume / Zincalume alloy coated steel conform AS1397, GS50, AZ150 (550 MP aminimum yield stress, 150gsm minimum coating Mass) with all fixing accessories, butyl mastic tape at joints, foam filter matching to the sheet profiled to make leakage proof joints where ever require etc. complete in all respects. Profile should be compatible to take load of solar panel. 1 70 45 FOR ROOF & GUTTER 1 70 45 FOR FAÇADE 1 230 2.5 FOR CHAJIA 1 230 2.5 FOR CADOP 1 5 17 FOR COOR & GATES	Providing & fixing minimum (0.55mm BMT). Single length Bare Galvalume roofing sheets of trapezoidal industrial trough type (88 mm deep spaced at 200mm c/c) of approved vendor Galvalume / Zincalume alloy coated steel conform A51397, G550, AZ150 (550 MP a minimum yield stress, 150gsm minimum coating Mass) with all fixing accessories, butyl mastic tage at joints, foom filter matching to the sheet profiled to make leakage proof joints where ever require etc. complete in all respects. Profile should be compatible to take load of solar panel. 1 70 45 FOR ROOF & GUTTER 1 70 45 FOR FACADE 2 2 side 1 2 2 side 2 2 2 FOR CANDPY 1 5 17 FOR CANDPY 1 5 17 FOR DOOR & GATES 3 3 3 Gate 2 8.5 8 3 Door 2 5 9 3 3 3 Supplying & Eraction Turbo Ventilator At Roof Top with All type Fitting. Proper Sealent Filling From All Side to Avoid water Leakage. 10.00 3	NOIBD/HProviding & fixing minimum (0.55mm BMT). Single length Bare Galvalume roofing sheets of trapezoidal industrial trough type (88 mm deep spaced at: 200mm (/) of approved vendor Galvalume / Zincalume alloy coated steel conform AS1397, C550, AZ150 (550 MPA minimum yield stress, J50gsm minimum coating Mass) with all fixing accessories, buyth mastic tape at joints, foam filler matching to the sheet profiled to make leakage proof joints where ever require etc. complete in all respects. Profile should be compatible to take lead of solar panel.170453150FOR ROOF & GUTTER1170453150FOR FAÇADE224550side 1225770FOR CANDPY151785FOR CANDPY151785FOR DOOR & GATES1202.599Gate25990Door25990Supplying & Eraction Turbo Ventiliktor At Roof Top with All type Fitting. Proger Saalent Filling From All Side to Avaid water Leakage.10.0010.00Supplying & Eraction Translucent Fibre Sheet for Noth Light Provision Under Sheet Jamm The Field With Serew and All Side Saalent Patced by SANITARY PITTING: - Costing as per make n model111PLUMBING WORK: - Costing of PVC, CPVC routes and material. (WC, Wash Basin, water inlet, Water outlet, Roof SANITARY PITTING: - Costing as per make n model112PUMBING WORK: - Costing of PVC, CPVC routes and material. (WC, Wash Basin, Water, Charge of Toilet fitting & Service area provisioning work.<	NOLBD/HIProviding & Txing minimum (0.55m BMT), Single length Bare Galvalume roofing sheets of trapezoidal industrial trough type (88 mm deep spaced at 200mm c/c) of approved vendor Galvalum / Zincalume alloy coated steel conform AS1397, G550, AZ150 (550 MPa minimum yield stress, 130gsm minimum coating Mass) with all Txing accessories, buying matic tape at joints, foram filler matching to the sheet profiled to make leakage proof joints where ever require etc. complete in all respects. Profile should be compatible to take load of solar panel.170453150FOR RACADE side 124500.FOR RACADE side 22FOR CHAJIA Gate12302.5FOR CHAJIA Gate12302.5FOR CHAJIA Gate12302.5FOR CHAJIA Gate12681FOR DOOR & GATES GateSupphing & Eraction Turbo Ventilator: Al Root Top with All type Fitting. Proper Salent Filling From All Side to Avoid water Leakage.10.00.10.00NoSupphing & Eraction Turbo Ventilator: Al Root Top with All type Fitting. Proper Way for no Leakage of With: Croutes and material. (WC, Wash Basin, Water Giber & 8.4%).11Supphyling & Eraction Turbo Ventilator: Al Root Top with All type Fitting. Proper Way for no Leakage of With: Croutes and material. (WC, Wash Basin, Water Gate & 8.4%).1 <td>NO L B D/H D Providing & fixing minimum (0.55mm BMT). Single length are Galvalume / 20mm / 20m</td>	NO L B D/H D Providing & fixing minimum (0.55mm BMT). Single length are Galvalume / 20mm / 20m

S.	PARTICULAR		Mea	surment				DATE		
No.		NO	L	В	D/H	QTY	UNIT	RATE	AMOUNT	
27	Wiring for 240 volts single phase and neutral 25/32 amps Metal clad 3 pin (IP 55) socket outlet with 25/32 amps double pole MCB in a MS enclosure of approved size and design with 4 sq.mm. PVC insulated copper conductor 1100 volts grade stranded flexible FRLS wires of approved make in concealed or surface mounted suitable size of MS conduit, including providing and fixing of 25/32 amps socket and DP MCB in MS enclosure and earthing of third pin of the socket with 4 sq.mm PVC insulated copper conductor stranded flexible "FRLS" wire.	1				1	NOS			
28	All Point wiring in 1.6mm thick 20/25mm dia Approved make MS Conduit including cost of Providing and Fixing Saddles, hangers, supports, cutting Chases and filling chases for recessed Conduiting complete as per specifications as required.									
-	Primary light point controlled by One No. 6A switch	16				16	NOS			
	Secondary looped point	12				12	NOS			
	Primary light point controlled by One No.16A switch	2				6	NOS			
29	Wiring for circuit / submain along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface / recessed 1.6mm thick MS conduit as required. (For Above Item)									
	Light Finolex wiring 3X1 Sq mm	1				2200	RM			
	Power Finolex wiring 3X1.5 Sqmm	1				1200	RM			
30	Supply and fixing of legrand myrius series -snowy white modular switch socket with multistranded socket with shutter and cover plate housed in factory fabricated 16SWG ISI marked G.I. box duly recessed in wall & complete internal connections with PVC connector, joints and all fixing arrangements in all respect as per satisfaction of Engineer-In-Charge.									
	1 NO 3/5 pin 6A universal socket without switch	9				9	NOS			
	1 NO 6PIN 16A multi standard switch socket	6				6	NOS			
	modular switch plate with 4 NO switches	6				6	NOS	Image: Construction of the sector of the		
	modular switch plate with 2 NO switches	6				6	NOS			
31	supply of suitable led light - minimum 11,000 lumens & one	8				8	NOS			
51	year warranty	0				0	NUS			
32	installation of lights	18				18	NOS			
33	supply of wall fan orient electric 400mm	4				4	NOS			
34	installation of wall fan	4				4	NOS			
35	Wipro garnet or syska make 15 watt surface mounted led tube light	8				8	NOS			
36	installation of above item	8				8	NOS			
						TOTAL				
						Ta	xes if an			
							Tot	a1		
							101	ui		